

ONCHEE YU, M.S.
Curriculum Vitae

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EDUCATION:

- Dec 1999 Master of Science, Biostatistics
University of Washington, Seattle, WA.
Master's Thesis: Effects of Carbon Monoxide and Atmospheric Particles
on Asthmatic Children in the CAMP Air Pollution Ancillary Study.
- Jun 1997 Bachelor of Science, Biochemistry, with a minor degree in Mathematics
University of Washington, Seattle, WA.

PROFESSIONAL EXPERIENCE:

- Dec 2022 – present Principal Collaborative Biostatistician
Kaiser Permanente Washington Health Research Institute, Seattle, WA.
- May 2010 – Nov 2022 Senior Collaborative Biostatistician
Kaiser Permanente Washington Health Research Institute (formerly
Group Health Research Institute), Seattle, WA.
- May 2005 – Apr 2010 Biostatistician II
Group Health Research Institute (formerly Group Health Center for
Health Studies), Seattle, WA.
- Oct 1999 – Apr 2005 Biostatistician I
Group Health Center for Health Studies, Seattle, WA.
- Sep 1999 – Dec 2015 Biostatistician/Consultant
Seattle Institute for Biomedical and Clinical Research, Seattle, WA.
- Jul 1998 – Sep 1999 Research Health Science Specialist
VA Puget Sound Health Care System, Seattle, WA.
- Jun 1997 – Jun 1998 Research Assistant
Seattle Institute for Biomedical and Clinical Research, Seattle, WA.

CONSULTING EXPERIENCE:

- 2024 Consulting on a dissertation project for a PhD student in the Department
of Epidemiology at New York University

- 2003 – 2004 Consulting on Master thesis for two students in the Department of Epidemiology at the University of Washington.
- 1999 Consulting on Master thesis for a student in the Department of Nutrition at the University of Washington.
- 1998 Statistical analysis of study data for Cross Cultural Health Care Program (CCHCP), Seattle, WA.

PUBLICATIONS:

Published:

1. **Yu O**, Sheppard L, Lumley T, Koenig JQ, Shapiro GG. Effects of ambient air pollution on symptoms of asthma in Seattle-area children enrolled in the CAMP Study. *Environmental Health Perspectives*. 108(12): 1209-14 (2000).
2. Jackson LA, Falls S, **Yu O**, George J, Pietrobon PJ, Rubanowice D, Froeschle J. Diphtheria antitoxin levels among children primed with a diphtheria and tetanus toxoids and acellular pertussis vaccine lot with a subpotent diphtheria toxoid component. *Journal of Infectious Diseases*. 183(11): 1698-700 (2001).
3. Jackson LA, Austin G, Chen RT, Stout R, DeStefano F, Gorse GJ, Newman FK, **Yu O**, Weniger BG, Vaccine Safety Datalink Study Group. Safety and immunogenicity of varying dosages of trivalent inactivated influenza vaccine administered by needle-free jet injectors. *Vaccine*. 19(32): 4703-9 (2001).
4. Reiber GE, Smith DG, Wallace C, Sullivan K, Hayes S, Vath C, Maciejewski ML, **Yu O**, Heagerty PJ, LeMaster J. Effect of therapeutic footwear on foot reulceration in patients with diabetes: A randomized controlled trial. *Journal of American Medical Association*. 287(19): 2552-8 (2002).
5. Reiber GE, Smith DG, Heagerty PJ, LeMaster J, Wallace C, Hayes SG, Sullivan K, Maciejewski M, **Yu O**. Therapeutic footwear in patients with diabetes (response letter to the editor). *Journal of American Medical Association*. 288(10): 1231-3 (2002).
6. Jackson LA, **Yu O**, Heckbert SR, Psaty BM, Malais D, Barlow WE, Thompson WW, Vaccine Safety Datalink Study Group. Influenza vaccination is not associated with a reduction in the risk of recurrent coronary events. *American Journal of Epidemiology*. 156(7): 634-40 (2002).
7. Reiber GE, Smith DG, Wallace C, Sullivan K, Hayes S, Vath C, Maciejewski ML, **Yu O**, Heagerty PJ, LeMaster J. Two types of therapeutic shoes were no better than usual footwear for preventing foot reulceration. *Journal of Bone & Joint Surgery*. 84 A(11): 2107 (2002).

8. Reiber GE, Smith DG, Wallace CM, Vath CA, Sullivan K, Hayes S, **Yu O**, Martin D, Maciejewski M. Footwear used by individuals with diabetes and a history of foot ulcers. *Journal of Rehabilitation Research and Development*. 39(5): 615-22 (2002).
9. Reisch LM, Fosse JS, Beverly K, **Yu O**, Barlow WE, Harris E, Rolnick S, Barton MB, Geiger AM, Herrinton LJ, Greene S, Fletcher SW, Elmore JG. Training, quality assurance and assessment of medical record abstraction in a multisite study. *American Journal of Epidemiology*. 157(6): 546-51 (2003).
10. Jackson LA, Neuzil KM, **Yu O**, Benson P, Barlow WE, Adams AL, Hanson CA, Mahoney LD, Shay DK, Thompson WW. Effectiveness of pneumococcal polysaccharide vaccine in older adults. *New England Journal of Medicine*. 348(18): 1747-55 (2003).
11. Jackson ML, Neuzil KM, Thompson WW, Shay DK, **Yu O**, Hanson CA, Jackson LA. The burden of community-acquired pneumonia in seniors: Results of a population-based study. *Clinical Infectious Diseases*. 39(11): 1642-50 (2004).
12. Geiger AM, **Yu O**, Herrinton LJ, Barlow WE, Harris EL, Rolnick S, Barton MB, Elmore JG, Fletcher SW. A population-based study of bilateral prophylactic mastectomy efficacy in women at elevated risk for breast cancer in community practices. *Archives of Internal Medicine*. 165(5): 516-20 (2005).
13. Jackson LA, Neuzil KM, Whitney CG, Starkovich P, Dunstan M, **Yu O**, Nelson JC, Feikin DR, Shay DK, Baggs J, Carste B, Nahm M, Carlone G. Safety of varying dosages of 7-valent pneumococcal protein conjugate vaccine in seniors previously vaccinated with 23-valent pneumococcal polysaccharide vaccine. *Vaccine*. 23(28): 3697-703 (2005).
14. Jumaan AO, **Yu O**, Jackson LA, Bohlke K, Galil K, Seward JF. Incidence of herpes zoster, before and after varicella-vaccination-associated decreases in the incidence of varicella, 1992-2002. *Journal of Infectious Diseases*. 191(12): 2002-7 (2005).
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16. Elmore JG, Reisch LM, Barton MB, Barlow WE, Rolnick S, Harris EL, Herrinton LJ, Geiger AM, Kevin B, Hart G, **Yu O**, Greene, SM, Weiss N, Fletcher SW. Efficacy of breast cancer screening in the community according to risk level. *Journal of National Cancer Institute*. 97(14): 1035-43 (2005).
17. Jackson LA, Dunstan M, Starkovich P, Dunn J, **Yu O**, Nelson JC, Rees T, Zavitkovsky A. Prophylaxis with acetaminophen or ibuprofen for prevention of local reactions to the fifth diphtheria-tetanus toxoids-acellular pertussis vaccination: A randomized, controlled trial. *Pediatrics*. 117(3): 620-5 (2006).
18. Rutter CM, **Yu O**, Miglioretti D. A hierarchical non-homogenous Poisson model for meta-analysis of adenoma counts. *Statistics in Medicine*. 26(1): 98-109 (2007).

19. **Yu O**, Bohlke K, Hanson CA, Delaney K, Rees T, Zavitkovsky A, Ray P, Mullooly J, Black SB, Benson P, Thompson WW, Davis RL, Jackson LA. Hepatitis B vaccine and risk of autoimmune thyroid disease: A Vaccine Safety Datalink study. *Pharmacoepidemiology and Drug Safety*. 16(7): 736-45 (2007).
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27. Jackson LA, **Yu O**, Belongia EA, Hambidge SJ, Nelson J, Baxter R, Naleway A, Nordin J, Iskander J. Risk of medically attended local reactions following diphtheria toxoid containing vaccines in adolescents and young adults: A Vaccine Safety Datalink study. *Vaccine*. 27(36): 4912-4916 (2009).
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42. Chubak J, **Yu O**, Pocobelli G, Lamerato L, Webster J, Prout MN, Yood MU, Barlow WE, Buist DSM. Algorithms to identify second breast cancer events using administrative data. *Journal of the National Cancer Institute*. 104(12): 931-940 (2012).
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55. Nelson JC, Cook AJ, **Yu O**, Zhao S, Jackson LA, Psaty BM. Methods for observational post-licensure medical product safety surveillance. *Statistical Methods in Medical Research*. 24(2): 177-193 (2015).
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57. Dublin S, Walker RL, Gray SL, Hubbard RA, Anderson ML, **Yu O**, Crane PK, Larson EB. Prescription opioids and risk of dementia or cognitive decline: A prospective cohort study. *Journal of the American Geriatrics Society*. 63(8): 1519-1526 (2015).
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59. Gray SL, Dublin S, **Yu O**, Walker R, Anderson M, Hubbard RA, Crane PK, Larson EB. Benzodiazepine use and risk of incident dementia or cognitive decline: Prospective population based study. *British Medical Journal*. 352: i90 (2016).
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61. Calip GS, **Yu O**, Elmore JG, Boudreau DM. Comparative safety of diabetes medications and risk of incident invasive breast cancer: A population-based cohort study. *Cancer Causes and Control*. 27(5): 709-720 (2016).
62. Nelson JC, Wellman R, **Yu O**, Cook AJ, Maro JC, Ouellet-Hellstrom R, Boudreau D, Floyd JS, Heckbert SR, Pinheiro S, Reichman M, Shoaibi A. A synthesis of current surveillance planning methods for the sequential monitoring of drug and vaccine adverse effects using electronic health care data. *eGEMs (Generating Evidence & Methods to improve patient outcomes)*. 4(1): Article 17 (2016).

63. Boudreau DM, **Yu O**, Balasubramanian A, Wirtz H, Grauer A, Crittenden DB, Scholes D. A survey of women's awareness of and reasons for lack of postfracture osteoporotic care. *Journal of the American Geriatrics Society*. 65(8): 1829-1835 (2017).
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66. Jackson ML, **Yu O**, Nelson JC, Nordin JD, Tartof SY, Klein NP, Donahue JG, Irving SA, Glanz JM, McNeil MM, Jackson LA. Safety of repeated doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine in adults and adolescents. *Pharmacoepidemiology and Drug Safety*. 27(8): 921-925 (2018).
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69. Chubak J, **Yu O**, Ziebell RA, Bowles EJ, Sterrett AT, Fujii MM, Boggs JM, Burnett-Hartman AN, Boudreau DM, Chen L, Floyd JS, Ritzwoller DP, Hubbard RA. Risk of colon cancer recurrence in relation to diabetes. *Cancer Causes and Control*. 29(11): 1093-1103 (2018).
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74. Boudreau DM, Chen L, **Yu O**, Bowles EJA, Chubak J. Risk of second breast cancer events with chronic opioid use in breast cancer survivors. *Pharmacoepidemiology and Drug Safety*. 28(5): 740-753 (2019).
75. Bowles EJA, **Yu O**, Ziebell R, Chen L, Boudreau DM, Ritzwoller DP, Hubbard RA, Boggs JM, Burnett-Hartman AN, Sterrett A, Fujii M, Chubak J. Cardiovascular medication use and risks of colon cancer recurrences and additional cancer events: A cohort study. *BMC Cancer*. 19(1): 270 (2019).
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ABSTRACTS & PRESENTATIONS (* Presenter):

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25. **Yu O**, Grafton J, Holt V, Trabert B, Wehnes L, Yarbrow P, Scholes D. From chart to CART: Improving automated case-finding for ectopic pregnancy using CART analysis. Oral presentation at *the Annual HMO Research Network Conference*, Danville, PA, April 26-29, 2009.
26. Ross TR, Reid RJ, Fishman P, **Yu O**, Tufano JT, Larson EB. Patient and clinician experience in a patient-centered medical home demonstration. Oral presentation at *the Annual HMO Research Network Conference*, Danville, PA, April 26-29, 2009.
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31. Nelson JC, Cook AJ, Zhao S, **Yu O**, Jackson LA. Challenges in designing a sequentially-monitored observational study of post-licensure vaccine safety. Oral presentation at *the Western North American Region of the International Biometric Society Annual Meeting*, Seattle, WA, June 20-23, 2010.
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35. Boudreau DM, **Yu O**, Gray SL, Raebel MA, Johnson J, Larson EB. Concomitant use of cholinesterase inhibitors and anticholinergics: Prevalence and outcomes. Poster presentation at *the International Conference on Pharmacoepidemiology & Therapeutic Risk Management*, Chicago, IL, August 14-17, 2011.
36. Boudreau D, **Yu O**, Spangler L, Do T, Fujii M, Ott S, Critchlow C, Scholes D. Accuracy of ICD-9 codes to identify malunion and nonunion & developing an algorithm to improve automated case-finding of nonunion and malunion. Poster presentation at *the Annual meeting of the American Society for Bone and Mineral Research*, San Diego, CA, September 16-20, 2011.
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38. **Yu O***. Results of a combination DTaP-IPV-Hib vaccine safety study in the VSD. Oral presentation at *the International Workshop on Pharmacoepidemiology and Biostatistics*, Seattle, WA, December 2, 2011.

39. **Yu O***. Algorithms to identify second breast cancer events using administrative healthcare data. Oral presentation at *the Salford Analytics and Data Mining Conference*, San Diego, CA, May 24-25, 2012.
40. Chubak J, **Yu O**, Pocobelli G, Lamerato L, Webster J, Prout MN, Ulcickas Yood M, Barlow WE, Buist DSM. Algorithms to identify second breast cancer events using administrative data. Oral presentation at *the Society for Epidemiologic Research Annual Meeting*, Minneapolis, MN, June 27-30, 2012.
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43. Boudreau DM, **Yu O**, Chubak J, Bowles E, Wirtz HS, Fujii M, Buist DSM. Comparative safety of cardiovascular medication use and breast cancer outcomes. Oral presentation at *the International Conference on Pharmacoepidemiology & Therapeutic Management*, Montreal, Canada, August 25-28, 2013.
44. Dublin S, Walker RL, Gray SL, Hubbard R, Anderson ML, **Yu O**, Crane PK, Larson EB. Use of opioids and risk of dementia in older adults. Oral presentation at *the International Conference on Pharmacoepidemiology & Therapeutic Management*, Montreal, Canada, August 25-28, 2013.
45. Wirtz HS, Buist DSM, Galow JR, Barlow WE, Gray S, Chubak J, **Yu O**, Bowles E, Fujii M, Boudreau DM. Frequent antibiotic use and risk of second breast cancer events. Oral presentation at *the International Conference on Pharmacoepidemiology & Therapeutic Management*, Montreal, Canada, August 25-28, 2013.
46. Dublin S, Walker RL, Gray SL, Hubbard RA, Anderson ML, **Yu O**, Crane PK, Larson EB. Use of opioids and risk of dementia in older adults. Poster presentation at *the HMO Research Network Conference*, Phoenix, AZ, April 1-3, 2014.
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48. Gray SL, Anderson ML, Dublin S, Hanlon J, **Yu O**, Walker RL, Hubbard R, Crane PK, Larson EB. Anticholinergic medication use and incident dementia. Presentation at *the Annual Scientific Meeting of the American Geriatrics Society*, Orlando, FL, May 15-17, 2014. *Journal of American Geriatric Society*; 62(Supp. 1): S11 (2014).
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presentation at *the Annual Meeting of the Society for Epidemiologic Research*. Seattle, WA, June 24-27, 2014.

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51. Gray SL, Dublin S, Anderson M, **Yu O**, Walker R, Hubbard RA, Crane PK, Larson EB. Use of automated pharmacy data to examine cumulative medication exposures and dementia: The Adult Changes in Thought Study (ACT). Oral presentation at *the Alzheimer's Association International Conference*. Copenhagen, Denmark, July 12-17 2014.
52. Scholes D, Balasubramanian A, Malley CO, Saint-Johnson J, Grafton J, **Yu O**, Boudreau D. Factors associated with non-receipt of osteoporosis therapy following an osteoporotic fracture. Poster presentation at *the American Society for Bone and Mineral Research Annual Meeting*, Houston, TX, September 12-15, 2014.
53. Boudreau DM, **Yu O**, Elmore JG. Diabetes medications and risk of incident breast cancer. Poster presentation at *the San Antonio Breast Cancer Symposium*. San Antonio, TX. December 9-13, 2014.
54. Grafton G, Johnson R, Boudreau D, Saint-Johnson J, **Yu O**, Scholes D. Bridging the gap: Evaluating osteoporosis therapy medication orders vs pharmacotherapy prescription fills following an osteoporotic fracture. Poster presentation at *the HMO Research Network Conference*. Long Beach, CA, March 11-15, 2015.
55. Gray SL, Anderson ML, Dublin S, Hanlon JT, Hubbard R, Walker RL, **Yu O**, Crane P, Larson EB. Cumulative use of strong anticholinergic medications and incident dementia. Oral presentation at *the International Conference on Pharmacoepidemiology and Therapeutic Risk Management*. Boston, MA, August 22-26, 2015.
56. Bowles EJA, Larson EB, Pong RP, Walker RL, Anderson M, **Yu O**, Gray SL, Crane PK, Dublin S. Anesthesia exposure and risk of dementia and Alzheimer's disease: A prospective study. Poster presentation at *the International Conference on Pharmacoepidemiology and Therapeutic Risk Management*. Boston, MA, August 22-26, 2015.
57. Boudreau DM, **Yu O**, Balasubramanian A, Grafton J, Saint-Johnson J, Wirtz H, Grauer A, Crittenden DB, Scholes D. Awareness and reasons for lack of post-fracture osteoporosis therapy: A survey of post-menopausal women. Poster at *the American Society for Bone and Mineral Research Annual Meeting*. Seattle, WA, October 9-12, 2015.
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study. Oral presentation at *the Health Care Systems Research Network (HCSRN) Conference*. Atlanta, GA, April 14-16, 2016.

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62. Gray S, Walker R, **Yu O**, Dublin S, Crane P, Larson E. Proton pump inhibitor use is not associated with dementia risk. Oral presentation at *The Alzheimer's Association International Conference*. Toronto, Canada, July 24-28, 2016.
63. **Yu O***, Reed S, Schulze-Rath R, Grafton J, Hansen K, Scholes D. Identifying incident uterine fibroids using electronic medical record data. Oral presentation at *The International Conference on Pharmacoepidemiology and Therapeutic Risk Management*. Dublin, Ireland, August 25-28, 2016.
64. **Yu O***, Schulze-Rath R, Reed S, Grafton J, Hansen K, Scholes D. Identification of incident uterine fibroids using electronic medical record data. Poster presentation at *The Health Care Systems Research Network Conference*. San Diego, CA, March 21-23, 2017.
65. Epstein M, Ritzwoller D, Carrell D, Chubak J, **Yu O***. Developing disease-specific algorithms using electronic health data. Panel presentation at *The Health Care Systems Research Network Conference*. San Diego, CA, March 21-23, 2017.
66. Grafton J, Cronkite D, **Yu O***. Amazing 'Race': Team NLP/VDW to unmask unknown race/ethnicity. Oral presentation at *the Kaiser Permanente Washington Health Research Institute Scientific Seminar*, Seattle, WA, May 9, 2017.
67. Scholes D, **Yu O**, Schulze-Rath R, Grafton J, Hansen K, Reed SD. A US study of endometriosis and adenomyosis: Incidence, prevalence and secular trends in a population-based cohort, 2006-2015. Oral presentation at *the World Congress on Endometriosis*. Vancouver, British Columbia, Canada, May 17-20, 2017.
68. Pocobelli G, **Yu O**, Fuller S, Fraser J, Wartko P, Chen L, Newton K, Dimer J, McCulloch D, Warwick S, Dublin S. Change in the prevalence of gestational diabetes mellitus after adoption of the 1-step approach to screening and diagnosis. Poster presentation at *The Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting*. Seattle, WA, June 19-20, 2017.
69. Dublin S, Gray SL, Walker RL, **Yu O**, Bowles EJA, Anderson ML, Crane PK, Larson EB. Proton pump inhibitor use is not associated with dementia risk. Oral presentation at *The*

International Conference on Pharmacoepidemiology and Therapeutic Risk Management.
Montreal, Canada, August 26-30, 2017.

70. Gold HT, Shao H, Oratz R, **Yu O**, Grafton J, Hammer M, Richardson S, Boudreau D. Association of diabetes and other factors with guideline-concordant breast cancer treatment. Oral presentation at *the 39th Annual Meeting of the Society for Medical Decision Making*. Pittsburgh, PA, October 22-25, 2017.
71. Chen L, Pocobelli G, **Yu O**, Shortreed S, Osmundson S, Fuller S, Wartko P, Fraser J, McCulloch D, Warwick S, Newton KM, Dublin S. Early pregnancy hemoglobin A1c and pregnancy outcomes: A population-based analysis. Poster presentation at *the Annual Meeting of the Society for Maternal-Fetal Medicine*. Houston, TX, January 29-February 3, 2018.
72. Pocobelli G, **Yu O**, Fuller S, Fraser J, Wartko P, Chen L, Newton K, McCulloch D, Warwick S, Dublin S. Maternal and neonatal outcomes in relation to adoption of the 1-step approach to identifying gestational diabetes mellitus. Oral presentation at *the Annual Meeting of the Society for Maternal-Fetal Medicine*. Houston, TX, January 29-February 3, 2018.
73. Boudreau DM, **Yu O**, Shao H, Gold HT. The impact of diabetes on adherence to breast cancer screening guidelines and breast cancer detection. Poster presentation at *the Annual Meeting of the American Society of Preventive Oncology*. New York, NY, March 10-13, 2018.
74. Bowles E, **Yu O**, Ziebell R, Chen L, Boudreau D, Ritzwoller D, Hubbard R, Boggs J, Burnett-Hartman A, Sterrett A, Fujii M, Chubak J. Statin use and risks of colon cancer recurrence and second cancer events. Poster presentation at *the Annual Meeting of the American Society of Preventive Oncology*. New York, NY, March 10-13, 2018.
75. Reed SD, **Yu O**, Schulze-Rath R, Grafton J, Hansen K, Scholes D. A US study of endometriosis: Patterns of care in a population-based cohort, 2006-2015. Poster presentation at *the Annual Meeting of the Society of Endometriosis and Uterine Disorders*. Florence, Italy, April 26-28, 2018.
76. Bowles E, **Yu O**, Ziebell R, Chen L, Boudreau D, Ritzwoller D, Hubbard R, Boggs J, Burnett-Hartman A, Sterrett A, Fujii M, Chubak J. Cardiovascular medication use and risks of colon cancer recurrence and second cancer events. Poster presentation at *the 2018 Kaiser Permanente National Oncology Conference*. San Francisco, CA, April 27-28, 2018.
77. Gold HT, Deb P, Shao H, **Yu O**, Oratz R, Richardson S, Hammer M, Boudreau D. Association of diabetes and guideline-concordant breast cancer treatment with subsequent breast cancer. Poster presentation at *the 40th Annual Meeting of the Society for Medical Decision Making*. Montreal, Canada, October 14-17, 2018.
78. Dublin S, Pocobelli G, **Yu O***, Fuller S, Warwick S. Maternal and neonatal outcomes following a new approach to identifying gestational diabetes: A learning health system story. Oral presentation at *the Kaiser Permanente Washington Health Research Institute Scientific Seminar*. Seattle, WA, November 13, 2018.

79. Chen L, Chubak J, **Yu O**, Pocobelli G, Ziebell RA, Bowles EJA, Fujii MM, Sterrett AT, Boggs JM, Burnett-Hartman AN, Ritzwoller DP, Hubbard RA, Boudreau DM. Changes in use of opioid therapy after colon cancer diagnosis. Poster presentation at *the 2019 Society of Epidemiologic Research conference*. Minneapolis, MN, June 18-21, 2019.
80. **Yu O**, Schulze-Rath R, Scholes D, Grafton J, Hansen K, Reed SD. A US Study of adenomyosis: Incidence, prevalence, and patterns of care in a population-based cohort, 2006-2015. Oral presentation at *the Annual Meeting of the Society of Endometriosis and Uterine Disorders*. Montreal, Canada, May 16-18, 2019.
81. Sarma E, Thompson M, Bowles EJA, Burnett-Hartman A, Chen L, Hubbard RA, **Yu O**, Chubak J. Associations between patient and tumor characteristics and screen-detected versus symptomatic colon cancers in two integrated healthcare systems. Oral presentation at *The Health Care Systems Research Network Conference*. Philadelphia, PA, April 8-10, 2020. Canceled due to COVID-19 pandemic.
82. Gold HT, Shao H, **Yu O**, Richardson S, Hammer M, Oratz R, Byrne N, Boudreau D. Factors associated with diabetes medication adherence in women with breast cancer and diabetes. Oral presentation at *The Society for Medical Decision Making Biennial European Conference*. Berlin, Germany, June 14-16, 2020. Canceled due to COVID-19 pandemic.
83. Zaslavsky O, **Yu O**, Walker R, Gray S, Crane P. Glucose levels and preventable hospitalizations in Alzheimer and diabetes. Oral presentation at *The 8th Annual Adult Changes in Thought (ACT) Symposium*, virtual meeting due to COVID-19 pandemic, August 19-20, 2020.
84. Christ J, **Yu O**, Schulze-Rath R, Grafton J, Hansen K, Scholes D, Reed SD. Prevalence, incidence and trends in endometriosis diagnosis by diagnostic modality, provider type and race. Oral presentation at *The American Society for Reproductive Medicine Scientific Congress & Expo*, virtual meeting due to COVID-19 pandemic, October 17-21, 2020.
85. **Yu O***, Covey J, Grafton J, Cronkite D, Kelley A, Hansen K, Hilpert J, Schulze-Rath R, Reed SD. Identification of a diagnostically complex condition, Polycystic Ovarian Syndrome, in a population-based cohort using electronic health record data. Poster presentation at *The International Conference on Pharmacoepidemiology and Therapeutic Risk Management*, virtual meeting due to COVID-19 pandemic, August 23-25, 2021.
86. Bradley KA, Bobb JF, Matthews AG, Boudreau DM, Wartko PD, McCormack J, Liu DS, Campbell CI, Lee AK, Samet JH, Labelle CT, Addis M, **Yu O**, Idu A, Qiu H, Hyun N, Glass JE, Caldeiro R, Arnsten J, Cunningham C, Braciszewski JM, Loree A, Stotts A, Zare M, Szapocznik J, Horigan V, Murphy M, Saxon AJ. PROUD trial main results: A pragmatic implementation trial testing the massachusetts model of nurse collaborative care for opioid use disorder. Oral presentation at *the 18th Annual Conference of International Network on Brief Interventions for Alcohol & Other Drugs*. Edinburgh, UK, September 21-23, 2022.
87. **Yu O**, Christ J, Micks E, Schulze-Rath R, Hilpert J, Covey J, Holden E, Reed SD. Prevalence, incidence and trends in polycystic ovary syndrome (PCOS) diagnosis. Poster

presentation at *The 78th American Society for Reproductive Medicine Scientific Congress & Expo*. Anaheim, CA, October 22-26, 2022.

88. Christ J, **Yu O**, Schulze-Rath R, Covey J, Holden E, Hilpert J, Micks E, Reed SD. Risk factors for incident polycystic ovary syndrome (PCOS) diagnosis. Poster presentation at *The 78th American Society for Reproductive Medicine Scientific Congress & Expo*. Anaheim, CA, October 22-26, 2022.
89. Sacher F, Christ J, **Yu O**, Schulze-Rath R, Covey J, Kelley A, Holden E, Hilpert J, Micks E, Reed SD. Healthcare utilization and treatments following a diagnosis of polycystic ovary syndrome (PCOS) in US population. Poster presentation at *The 70th Annual Meeting of the Society for Reproductive Investigation (SRI)*. Brisbane, Australia, March 21-25, 2023.
90. Lapham GT, Hyun N, **Yu O**, Bobb JF, Wartko PD, Matthews AG, McCormack J, Lee AK, Liu DS, Samet JH, Bradley KA. The PROUD trial after three years of nurse care management for office-based addiction treatment of opioid use disorder to increase treatment for primary care patients. Poster presentation at *The 2023 Clinical Trials Network Annual Steering Committee Meeting*. Bethesda, MD, April 24-26, 2023.
91. Wartko PD, Matthews AG, Bobb JF, Boudreau DM, McCormack J, Qiu D, **Yu O**, Hyun N, Lee AK, Campbell CI, Saxon AJ, Liu DS, Altschuler A, Samet JH, Stotts AL, Braciszewski JM, Murphy MT, Arnsten JH, Horigian VE, Szapocznik J, Glass JE, Caldeiro RM, Phillips RC, Shea M, Bradley KA. The PRimary Care Opioid Use Disorders treatment (PROUD) trial: A cluster-randomized implementation trial testing the impact of a nurse care manager program on OUD treatment. Poster presentation at *The 85th College on Problems of Drug Dependence Annual Scientific Meeting*. Denver, CO, June 17-21, 2023.
92. Bradley K, Hyun N, Idu A, Wartko P, Liu D, Matthews A, McCormack J, Campbell A, Samet J, Lee A, **Yu O**, Campbell C, Horigian V, Glass J, Braciszewski J, Arnsten J, Bobb J. Differential impact of nurse care management of opioid use disorder in primary care across sex, race and ethnicity in the PROUD implementation trial. Poster presentation at *The 16th Annual Conference on the Science of Dissemination and Implementation in Health*. Arlington, VA, December 10-13, 2023.
93. Bradley KA, Hyun N, Idu A, Wartko P, Liu D, Matthews A, McCormack J, Campbell A, Samet J, Lee A, **Yu O**, Campbell C, Horigian V, Glass J, Braciszewski J, Arnsten J, Bobb J. Differential effect of implementing Office Based Addiction Treatment in primary care on OUD treatment across sex and race or ethnicity in the PROUD trial. Poster presentation at *The 86th College on Problems of Drug Dependence Annual Scientific Meeting*. Montreal, Canada, June 15-19, 2024.
94. Lapham GT, Hyun N, **Yu O**, Bobb JF, Warko PD, Matthew AG, McCormack J, Lee AK, Liu DS, Samet JH, Bradley KA. The PROUD trial in year 3: Impact of Massachusetts Model of nurse care management for OBAT on OUD treatment in primary care. Poster presentation at *The 86th College on Problems of Drug Dependence Annual Scientific Meeting*. Montreal, Canada, June 15-19, 2024.

95. Ramos A, Gray S, **Yu O**, Young J. Molecular effects of anticholinergic medications on human iPSC derived neurons. Poster presentation at the *Annual Biomedical Research Conference for Minoritized Scientists*. Pittsburg, PA, November 13-16, 2024.

Submitted Abstracts:

1. Jalali A, Andy C, Jeng PJ, Rabin CC, **Yu O**, Bobb JF, Wartko P, Bradley KA, Murphy SM. Evaluating data discontinuity in pragmatic trials: Insights from the NIDA CTN-074 PROUD Trial. *The 2026 Professional Society for Health Economics and Outcomes Research Conference*. Philadelphia, PA, May 17-20, 2026.

TEACHING EXPERIENCE:

Invited lecturer, Topics in Epidemiologic Methods, Spring 2000, Department of Epidemiology, University of Washington. Topic: "Introduction to CART (Classification and Regression Tree)".

Lecturer, "Basic Biostatistics" in Epidemiology 101 courses, November 2007, Group Health Center for Health Studies.

Co-organizer and lecturer (for journal club), Epidemiology 101 9-course series, September-November 2015, Group Health Research Institute.

Invited lecturer, EPI 533 Pharmacoepidemiology, Winter 2022, Department of Epidemiology, University of Washington. Topic: "Methods for post-licensure medical product safety surveillance".

Invited lecturer, EPI 533 Pharmacoepidemiology, Spring 2024, Department of Epidemiology, University of Washington. Topic: "Methods for post-licensure medical product safety surveillance".

Presenter, SeattleStatGROWS summer internship program, Summer 2024, Fred Hutch Cancer Center. Topic: "Gestational diabetes guidelines".

Presenter, SeattleStatGROWS summer internship program, Summer 2025, Fred Hutch Cancer Center. Topic: "Gestational diabetes guidelines".

PROFESSIONAL MEMBERSHIP:

2003 – present	American Statistical Association
2015 – present	International Society for Pharmacoepidemiology

SERVICE:

2003	Member, Search Committee for Biostatistician
2009	Member, Search Committee for 3 Biostatisticians

2010 Reviewer, *Pharmacoepidemiology and Drug Safety* (selected as one of the best reviews in 2010 by journal editors)

2011 Reviewer, *Epidemiology and Infection*

2012 Reviewer, *British Journal of Cancer*
Reviewer, *BMC Cancer*

2013 Reviewer, *BMC Cancer*
Reviewer, *Vaccine*

2014 Reviewer, *BMC Gastroenterology*
Supervisor (for 2 biostatisticians)

2015 Reviewer, *BMC Cancer*
Supervisor (for 2 biostatisticians)
Co-organizer of Epidemiology 101 9-course series at Group Health Research Institute

2016 Reviewer, *International Journal of Cancer*
Reviewer, *American Journal of Epidemiology*
Supervisor (for 2 biostatisticians)

2017 Supervisor (for 1 biostatistician)
Speaker at University of Washington Department of Biostatistics student seminar about career at Group Health Research Institute
Abstract Reviewer, *International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE)*

2018 Supervisor (for 2 biostatisticians)
Abstract Reviewer, *International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE)*
Member, Search Committee for Biostatistician

2019 Supervisor (for 2 biostatisticians)
Abstract Reviewer, *International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE)*

2020 Supervisor (for 2 biostatisticians)

2021 Reviewer, *Vaccine*
Reviewer, *Epidemiology & Infection*

2022 Reviewer, *The Permanente Journal*
Statistical reviewer, *JAMA Network Open*

2023 Member, KPWHRI Faculty Promotion Committee
Reviewer, *Nature Communications*
Reviewer, *Vaccine*

2024 Member, KPWHRI Faculty Promotion Committee
Member, KPWHRI Biostatistics Mentoring Workgroup
Panelist, Autumn 2024 University of Washington Biostatistics Alumni Career Panel
Reviewer, *Vaccine*
Reviewer, *JAMA Network Open*
Reviewer, *Emergent Infectious Diseases*

2025 Member, KPWHRI Faculty Promotion Committee
Interviewer, University of Washington School of Public Health Spring Mock Interview for Biostatistics students
Mentor, independent study with Millie Ng (Junior at Cupertino High School, Cupertino, CA)

2026

Member, KPWHRI Faculty Promotion Committee
Interviewer, University of Washington School of Public Health Spring
Mock Interview for Biostatistics students
Reviewer, *Vaccine*