

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:

- May 2005 – present Biostatistician II
Group Health Center for Health Studies, Seattle, WA.
- Oct 1999 – Apr 2005 Biostatistician I
Group Health Center for Health Studies, Seattle, WA.
- Sep 1999 – present Biostatistician/Consultant
Seattle Institute for Biomedical and Clinical Research, Seattle, WA.
- Jul 1998 – Sep1999 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:

- 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.

HONORS and AWARDS:

1998 – 1999	Traineeship Grant from School of Public Health, University of Washington
1996	Honored by the 19 th Annual Edition of the National Dean's List
1996	Member, Phi Eta Sigma honor society
1995	Broadway High School Alumni Foundation College Transfer Scholarship
1994 – 1995	Career Access Scholarship, Scholarship from Yee Benevolent Associates
1993 – 1994	Industrial Kiwanis Scholarship, Academic Excellence Scholarship

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 and the 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, and the 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).
15. Herrinton LJ, Barlow WE, **Yu O**, Geiger AM, Elmore JG, Barton MB, Harris E, Rolnick S, Pardee R, Husson G, Macedo A, Fletcher SW. Efficacy of prophylactic mastectomy in women with unilateral breast cancer. *Journal of Clinical Oncology* 23(19): 4275-86 (2005).
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).
20. Jackson LA, Neuzil KM, Nahm MH, Whitney CG, **Yu O**, Nelson JC, Starkovich PT, Dunstan M, Feikin DR, Carste B, Shay DK, Baggs J, Carlone GM. Immunogenicity of varying dosages of 7-valent pneumococcal polysaccharide-protein conjugate vaccine in seniors previously vaccinated with 23-valent pneumococcal polysaccharide vaccine. *Vaccine* 25(20): 4029-37 (2007).
21. Boudreau DM, **Yu O**, Miglioretti DL, Buist DSM, Heckbert SR, Daling JR. Statin use and breast cancer risk in a large population-based setting. *Cancer Epidemiology, Biomarkers and Prevention* 16(3): 416-21 (2007).
22. Jackson LA, Starkovich P, Dunstan M, **Yu O**, Nelson J, Dunn J, Rees T, Zavitkovsky A, Maus D, Froeschle JE, Decker M. Prospective assessment of the effect of needle length and injection site on the risk of local reactions to the fifth diphtheria-tetanus-acellular pertussis vaccination *Pediatrics* 121(3): e646-52 (2008).
23. Newton KM, Buist DSM, **Yu O**, Hartsfield CL, Andrade SE, Wei F, Connelly MT, Chan KA. Hormone therapy initiation after the Women's Health Initiative. *Menopause* 15(3):487-93 (2008).
24. Boudreau DM, **Yu O**, Buist DSM, Miglioretti DL. Statin use and prostate cancer risk in a large population-based setting. *Cancer Causes and Control* 19(7): 767-74 (2008).
25. Nelson JC, Jackson M, **Yu O**, Whitney CG, Bounds L, Bittner R, Zavitkovsky A, Jackson LA. Impact of the introduction of pneumococcal conjugate vaccine on rates of community acquired pneumonia in children and adults. *Vaccine* 26(38): 4947-54 (2008).
26. **Yu O**, Boudreau DM, Buist DSM, Miglioretti DL. Statin use and female reproductive organ cancer risk in a large population-based setting. *Cancer Causes and Control* 20(5): 609-616 (2009).
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*. Epub ahead of print (2009).

Submitted:

1. Olson JM, Raugi GJ, Nguyen VQ, **Yu O**, Reiber GE. Impact of the guideline concordant venous ulcer care on healing in tertiary care VA medical center.

2. Jackson LA, **Yu O**, Belongia EA, Hambidge SJ, Nelson J, Baxter R, Naleway A, Gay C, Nordin J, Baggs J, Iskander J. Frequency of medically attended adverse events following tetanus and diphtheria toxoid vaccine in adolescents and young adults: a Vaccine Safety Datalink study.
3. Reid RJ, Fishman P, **Yu O**, Ross T, Tufano JT, Soman MP, Larson EB. A patient-centered medical home demonstration: a prospective, quasi-experimental, before and after evaluation.

ABSTRACTS & PRESENTATIONS:

1. **Yu O**, Sheppard L, Lumley T, Koenig JQ, Shapiro GG. Effects of ambient carbon monoxide and atmospheric particles on asthma symptoms: results from the camp air pollution ancillary study. Platform and poster presentations at *PM2000: Particulate Matter and Health – The Scientific Basis for Regulatory Decision Making*, Charleston, South Carolina, January 25-28, 2000.
2. Jackson LA, Chen RT, Austin G, Stout R, Gorse GJ, Weniger B, **Yu O**, DeStefano F, and the Vaccine Safety Datalink Study Group. Safety, tolerability, and immunogenicity of varying doses of influenza vaccine administered by jet injector (JI) vs. needle and syringe (N&S). Slide presentation at the *3rd Annual Conference on Vaccine Research*, Washington DC, April 30-May 2, 2000.
3. **Yu O**, Heffelfinger J, Heckbert SR, Psaty BM, Malais D, Barlow WE, Jackson LA and the Vaccine Safety Datalink Study Group. Association between influenza vaccination and risk of incident myocardial infarction or recurrent cardiac events. Poster presentation at the *39th Annual Meeting of the Infectious Diseases Society of America*, San Francisco, California, October 25-28, 2001.
4. Reiber GE, Smith DG, Wallace C, Sullivan K, Hayes S, Vath C, Maciejewski ML, **Yu O**, Heagerty PJ, LeMaster J. Clinical trial of footwear in patients with diabetes. Poster presentation at the *Third National Rehabilitation Research and Development Conference*, Arlington, Virginia, February 10-12, 2002.
5. Jackson LA, Neuzil KM, Adams AL, **Yu O**, Hanson C, Mahoney L, Benson P, Barlow WE, Shay DK, Thompson WW and the Vaccine Safety Datalink Study Group. Does the 23-valent pneumococcal polysaccharide vaccine prevent hospitalizations for pneumonia in the elderly? Oral presentation at the *3rd International Symposium on Pneumococci and Pneumococcal Diseases*, Anchorage, Alaska, May 5-9, 2002.
6. Jackson LA, Neuzil KM, Adams AL, **Yu O**, Hanson C, Mahoney L, Benson P, Barlow WE, Shay DK, Thompson WW and the Vaccine Safety Datalink Study Group. Effectiveness of pneumococcal polysaccharide vaccine (PPV) in the elderly. Poster presentation at the *42nd Interscience Conference on Antimicrobial Agents and Chemotherapy*, San Diego, California, September 27-30, 2002.
7. Jumaan AOA, **Yu O**, Bohlke K, Jackson, LA, Galil K, Seward J. Varicella and herpes zoster incidence before and after varicella vaccine licensure, 1992-2001. Slide presentation at the *43rd Interscience Conference on Antimicrobial Agents and Chemotherapy*, Chicago, Illinois,

September 14-17, 2003.

8. Jackson M, **Yu O**, Neuzil K, Thompson W, Shay D, Scott T, Jackson L. Epidemiology of community-acquired pneumonia in a highly vaccinated population of older adults. Poster presentation at the *41st Annual Meeting of the Infectious Diseases Society of America*, San Diego, California, October 9-12, 2003.
9. Jackson LA, Neuzil K, Whitney C, Feikin D, Nelson J, **Yu O**, Starkovich P, Dunstan M, Carste B, Shay D, Baggs J, Carlone G, Nahm M. Safety of varying dosages of 7-valent pneumococcal conjugate vaccine in adults 70-79 years of age. Poster presentation at the *4th International Symposium on Pneumococci and Pneumococcal Diseases*, Helsinki, Finland, May 9-13, 2004.
10. Geiger AM, Barton MB, **Yu O**, Herrinton LJ, Barlow WE, Harris EL, Elmore JG, Rolnick S, Fletcher SW. Efficacy of bilateral prophylactic mastectomy in women at moderate risk for breast cancer. Poster presentation at the *27th Society for General Internal Medicine Annual Meeting*, Chicago, Illinois, May 12-15, 2004.
11. Herrinton LJ, Barlow WE, **Yu O**. Efficacy of prophylactic mastectomy in women with unilateral breast cancer. Poster presentation at the *37th Annual Meeting of the Society for Epidemiology Research*, Salt Lake City, Utah, June 15-18, 2004.
12. Geiger AM, **Yu O**, Herrinton LJ, Barlow WE. A case-cohort study of bilateral prophylactic mastectomy efficacy in community practices. Poster presentation at the *37th Annual Meeting of the Society for Epidemiology Research*, Salt Lake City, Utah, June 15-18, 2004.
13. **Yu O**, Rutter CM, Miglioretti D, Mandelson M. Estimating adenoma risk for micro-simulation modeling. Oral presentation at the *2004 Joint Statistical Meetings*, Toronto, Canada, August 8-12, 2004.
14. Jackson M, Nelson J, Whitney C, **Yu O**, Scott T, Zavitkovsky A, Jackson L. Feasibility of population-based surveillance for outpatient pneumonia using electronically available dictated chest radiograph reports. Poster presentation at the *42nd Annual Meeting of the Infectious Diseases Society of America*, Boston, Massachusetts, September 30-October 3, 2004.
15. **Yu O**, Bohlke K, Hanson C, Delaney K, Rees T, Zavitkovsky A, Ray P, Mullooly J, Benson P, Jackson L, Thompson W. Hepatitis B vaccination and risk of autoimmune thyroid disease. Poster presentation at the *43rd Annual Meeting of the Infectious Diseases Society of America*, San Francisco, California, October 6-9, 2005.
16. Jackson LA, Dunstan M, Starkovich P, Dunn J, **Yu O**, Nelson JC, Rees T, Zavitkovsky A. A randomized, controlled trial of prophylaxis with acetaminophen or ibuprofen prior to the fifth DTaP vaccination. Poster presentation at the *43rd Annual Meeting of the Infectious Diseases Society of America*, San Francisco, California, October 6-9, 2005.
17. Jackson L, Starkovich P, Dunstan M, **Yu O**, Nelson JC, Dunn J, Rees T, Zavitkovsky A, Maus D, Froeschle J, Decker M. Risk of injection site reactions following the fifth DTaP

vaccination. Poster presentation at the *43rd Annual Meeting of the Infectious Diseases Society of America*, San Francisco, California, October 6-9, 2005.

18. Nelson JC, Whitney CG, **Yu O**, Jackson ML, Scott T, Bounds L, Zavitkovsky A, Jackson LA. Impact of the introduction of pneumococcal conjugate vaccine on rates of community acquired pneumonia. Oral presentation at the *5th International Symposium on Pneumococci and Pneumococcal Diseases*, Alice Springs, Australia, April 2-6, 2006.
19. Fishman PA, Boudreau DM, Hill A, **Yu O**. The economic impact of managed care enrollees with cardio-metabolic syndrome. Paper presented at the *18th American Managed Care Pharmacy Annual Meeting*, Seattle, Washington, April 5-8, 2006.
20. Newton KM, Buist DSM, **Yu O**, Hartsfield CL, Andrade SE, Wei F, Connelly MT, Chan KA. Hormone therapy re-initiation and first-time initiation by type, dose and route, after the Women's Health Initiative. Oral presentation at the *7th European Congress on Menopause*, Istanbul, Turkey, June 4, 2006.
21. Boudreau D, **Yu O**, Miglioretti D, Buist D. Statins and breast cancer risk: is there an association? Oral presentation at the *2nd North American Congress of Epidemiology*, Seattle, Washington, June 21-24, 2006.
22. Buist DSM, Newton KM, **Yu O**, Hartsfield CL, Andrade SE, Wei F, Connelly MT, Chan KA. Hormone therapy re-initiation and first-time initiation by type, dose and route, after the Women's Health Initiative. Oral presentation at the *22nd International Conference on Pharmacoepidemiology & Therapeutic Risk Management*, Lisbon, Portugal, August 24-27, 2006.
23. **Yu O**, Kovich H, Nelson J, Jackson, LA. Using CART analysis to improve the classification of ICD9-coded pneumonia hospitalizations. Poster presentation at the *6th International Symposium on Pneumococci & Pneumococcal Diseases*, Reykjavik, Iceland, June 8-12, 2008.
24. **Yu O**, Jackson L, for the Vaccine Safety Datalink investigators. Risk of medically-attended local reactions following Td, Tdap and Menactra vaccines in adolescents and young adults. Poster presentation at the *48th Interscience Conference on Antimicrobial Agents and Chemotherapy*, Washington, DC, October 25-28, 2008.
25. **Yu O**, Grafton J, Holt V, Trabert B, Wehnes L, Yarbro P, Scholes D. From chart to CART: Improving automated case-finding for ectopic pregnancy using CART analysis. Oral presentation at the *15th 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 *15th Annual HMO Research Network Conference*, Danville, PA, April 26-29, 2009.
27. Trabert BL, Holt VL, **Yu O**, Grafton J, Yarbro P, Wehnes L, Scholes D. Ectopic pregnancy trends in a large U.S. health maintenance organization – 1993-2007. Poster presentation at

the 22nd Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER), Anaheim, CA, June 22-23, 2009.

PROFESSIONAL MEMEBERSHIP:

2003 – present American Statistical Association