

Resume

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Citizenship: U.S. citizen

EDUCATION

- 2002 **Doctor of Philosophy (PhD)**, Health Policy and Management
(Concentration: **Health Economics**), **Johns Hopkins University**, Baltimore, MD
- 1997 **Master of Science (MSc)**, Health Policy and Management
Harvard University School of Public Health, Boston, MA
- 1993 **Doctor of Medicine (MD)**, Hokkaido University School of Medicine, Sapporo, **Japan**

PROFESSIONAL EXPERIENCE

- 9/2011- **Associate Professor**, Department of Public Health Sciences,
University of California (UC) Davis, School of Medicine, Davis, CA
- 2006-8/2011 **Assistant Professor**, Division of Health Policy and Outcomes Research,
Department of Public Health Sciences, **University of Rochester School of Medicine and
Dentistry**, Rochester, NY
- 2004-2006 **Health Economist/Prevention Effectiveness Fellow**, National Center on Birth Defects and
Developmental Disabilities, **Centers for Disease Control and Prevention (CDC)**, Atlanta, GA
- 2002-2004 **Research Associate**, Center for Health Policy, **Stanford University**, Stanford, CA
- 1993-1995 **Medical Resident**, Dept. of Orthopedics and Anesthesia, Osaka National Hospital, Japan

SELECTED RESEARCH ACTIVITIES

CURRENT GRANTS

- 1/2017- California State Department of Public Health (CDPH), Cardiovascular Disease (CVD) Contract
(Economic evaluations of interventions to prevent CVD and diabetes), Role: Principal Investigator
- 9/2014- The Health Resources and Services Administration (HRSA), Evidence-Based Tele-Emergency Network
Grant Program: HRSA-14-138, Role: Chief Health Economist
- 10/2013- Health Resources and Services Administration (HRSA), Telehealth Network Grant Program/ Catalog of
Federal Domestic Assistance (CFDA), Role: Co-investigator (Chief Economist)
- 7/2012- California Health Benefits Review Program (CHBRP), University of California, Office of
the President, Role: Member of the Cost Team (Health Economist)

COMPLETED GRANTS (Served as Principal Investigator)

- 2013-2015 National Institutes of Health (NIH), Factors Affecting Disparities in Influenza Vaccination
among Medicare Elderly (Grant #: R03AG042646)
- 2007-2012 National Institute of Health (NIH), Effects of Individual Behavioral Responses on Benefits of
Influenza Vaccination (Grant #: 1K25AI073915)
- 2001-2002 Centers for Medicare and Medicaid Services (Health Services Dissertation Research),
The Determinants of Influenza Vaccination Timing (Grant #:30P 912953)

SELECTED PUBLICATIONS

- Yoo BK, Kim M, Sasaki T, Hoch J, Marcin JP, "Selected use of telemedicine in intensive care units based on severity of illness improves cost-effectiveness," *Telemedicine and e-Health*, 2017 Jun 29. doi: 10.1089/tmj.2017.0069.
- Yoo BK, Hasebe T, Kim M, Sasaki T, Styne DM, "Pilot survey of a novel incentive to promote healthy behavior among school children and their parents," *Preventive Medicine Reports*, 2017 Mar 29;6:286-293. (PMID: 28409091)
- Yoo BK, Kim M, Sasaki T, Ward D, Spetz J, "The impact of economic recession on registered nurse workforce supply in California," *Nursing Economics*, 2017 Jan-Feb;35(1):21-29
- Yoo BK, Kim M, Lin TC, Sasaki T, Ward D, Spetz J, "The effect of prior healthcare employment on the wages of registered nurses," *BMC Health Services Research*, 2016 Aug 19;16(1):412.
- Akiyama M, Yoo BK, "A systematic review of the economic evaluation of telemedicine in Japan," *Journal of Preventive Medicine & Public Health*, 2016;49:183-196
- Yoo BK, Kim M, Sasaki T, Melnikow J, Marcin JP, "Economic evaluation of telemedicine for patients in ICUs," *Critical Care Medicine*, 2016 Feb;44(2):265-74
- Yoo BK, Lin TC, Kim M, Sasaki T, Spetz J, "Effect of prior health-related employment on the registered nurse workforce

supply,” *Nursing Economics*, 2016 Jan-Feb;34(1):25-34

Yoo BK, Humiston SG, Szilagyi PG, Schaffer SJ, Long C, Kolasa M, “Cost effectiveness analysis of Year 2 of an elementary school-located influenza vaccination program – Results from a randomized controlled trial,” *BMC Health Services Research*, 2015 Nov 16;15:511

Kim M, Yoo BK, “Cost-effectiveness analysis of a television campaign to promote seasonal influenza vaccination among the elderly,” *Value in Health*, 2015 Jul;18(5):622-30

Yang NH, Dharmar M, Yoo BK, Leigh JP, Kuppermann N, Romano PS, Nesbitt TS, Marcin JP, “Economic Evaluation of Pediatric Telemedicine Consultations to Rural Emergency Departments,” *Medical Decision Making*, 2015 Aug;35(6):773-83

Yoo BK, Hasebe T, Szilagyi PG, “Decomposing Racial/Ethnic Disparities in Influenza Vaccination among the Elderly,” *Vaccine*, 2015 Jun 12;33(26):2997-3002

Yoo BK, Humiston SG, Szilagyi PG, Schaffer SJ, Long C, Kolasa M., “Cost effectiveness analysis of elementary school-located vaccination against influenza—Results from a randomized controlled trial,” *Vaccine*, 2013 Apr 19;31(17):2156-64

Ikegami N, Yoo BK, Hashimoto H, et al., “Japanese Universal Coverage: Evolution, Achievements, and Challenges,” *Lancet*, 2011 Sep 17;378(9796):1106-15

Yoo BK, “How to improve influenza vaccination rates in the U.S.,” *Journal of Preventive Medicine & Public Health*, 2011 Jul;44(4):141-8

Yoo BK, Kasajima M, Phelps CE, Fiscella K, Bennett NM, Szilagyi PG., “Influenza Vaccine Supply and Racial/Ethnic Disparities in Vaccination Among the Elderly,” *American Journal of Preventive Medicine*, 2011 Jan;40(1):1-10

Yoo BK, Berry A, Kasajima M, Szilagyi PG, “Association between Medicaid reimbursement and child influenza vaccination rates,” *Pediatrics*, 2010 Nov;126(5):e998-1010 covered by *USA Today*, *ABC News* etc.

Yoo BK, Holland ML, Bhattacharya J, Phelps CE, Szilagyi PG., “Effects of Mass Media Coverage on Timing and Annual Receipt of Influenza Vaccination among Medicare Elderly,” *Health Services Research*, 2010 Oct;45(5 Pt 1):1287-309

Yoo BK, Kasajima M, Bhattacharya J, “Public Avoidance and the Epidemiology of Novel H1N1 Influenza A,” *National Bureau of Economic Research Working Paper*, w15752, 2010, www.nber.org/papers/w15752

Yoo BK, Szilagyi PG, Schaffer SJ, Humiston SG, et. al., “Cost of Universal Influenza Vaccination of Children in Pediatric Practices,” *Pediatrics*, 2009 Dec;124 Suppl 5:S499-506

Yoo BK, Kasajima M, Fiscella K, Bennett N, Phelps CE, Szilagyi PG, “Effects of an Ongoing Epidemic on the Annual Influenza Vaccination Rate and Vaccination Timing among the Medicare Elderly: 2000-2005,” *American Journal of Public Health*, 2009, October; 99:S383–S388

Yoo BK, and Grosse S, “The Cost-Effectiveness of Screening Newborns for Congenital Adrenal Hyperplasia,” *Public Health Genomics*, 2009; 12(2):67-72. Epub 2008 Sep 14.

Yoo BK and Frick K, “The Instrumental Variable Method to Study Self-selection Mechanism: A Case of Influenza Vaccination,” *Value in Health*, 2006 Mar-Apr;9(2):114-22

Yoo BK and Frick K, “Determinants of Influenza Vaccination Timing,” *Health Economics*, 2005;14(8):777-91

Yoo BK, Bhattacharya J, McDonald KM, Garber AM, “Impacts of Informal Caregiver Availability on Long-term Care Expenditures in OECD Countries,” *Health Services Research*, 2004 Dec;39 (6 Pt 2):1971-92.

(Book: single author) Yoo BK, “*Health Economics for ‘Reform,’*” (in Japanese; translated to Chinese) Medicus Publisher, Osaka, Japan, July 2006 (ISBN4-8404-1759-8; Chinese version ISBN 978-7-5086-1165-5).

- Selected among “20 Best Books in Economics and Business in 2006” by *Nikkei Newspaper*, which is the “Wall Street Journal” of Japan with more than 3 million subscribers.
- Chinese version published, as one of “Center for Industrial Development and Environmental Governance (CIDEG) Series” (Chief Editors: Prof. Masahiko Aoki, Prof. Jinglian Wu), in China in August 2008.

Report to California State Legislature under California Health Benefits Review Program (CHBRP)

The CHBRP responds to requests from the State Legislature to provide independent analysis of the medical, financial, and public health impacts of proposed health insurance benefit mandates and repeals. An analytic staff works with a task force of faculty from several campuses of the University of California. I was a cost-section lead author of the bill analyses below.

Analysis of Assembly Bill 1053: Health Care Coverage: Contraceptives (April 20, 2014;

http://chbrp.ucop.edu/index.php?action=read&bill_id=155&doc_type=3)

Analysis of Assembly Bill 219: Health Care Coverage: Cancer Treatment (April 4, 2013;

http://chbrp.ucop.edu/index.php?action=read&bill_id=136&doc_type=3)

Analysis of Assembly Bill 912: Health Care Coverage: Fertility Preservation (April 25, 2013;

http://chbrp.ucop.edu/index.php?action=read&bill_id=147&doc_type=3)