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RESEARCH INTERESTS

Health economics and outcomes research

A. ACADEMIC HISTORY:

| | | |
|-------------|---|------------|
| 1991 – 2000 | Stanford University Department of Economics | Ph.D. |
| 1990 – 1997 | Stanford University School of Medicine | M.D. |
| 1986 – 1990 | Stanford University | A.M., A.B. |

B. EMPLOYMENT HISTORY:

| | |
|----------------|---|
| 2001 – present | Assistant Professor, Center for Primary Care and Outcomes Research, Stanford University School of Medicine |
| 2002 – present | Faculty Research Fellow, Health Care and Health Economics Programs, National Bureau of Economic Research |
| 2006 – present | Research Fellow, Hoover Institution |
| 1998 – 2001 | Associate Economist; Economist RAND |
| 1998 – 2001 | Visiting Assistant Professor, UCLA Department of Economics |

C. SCHOLARLY PUBLICATIONS:

1. PEER-REVIEWED ARTICLES (36)

- Yoshikawa A, Vogt W.B., Hahn J., Bhattacharya J., "Toward the Establishment and Promotion of Health Economics Research in Japan," *Japanese Journal of Health Economics and Policy* 1(1):29-45, (1994).
- Vogt WB, Bhattacharya J, Kupor S, Yoshikawa A, Nakahara T, "The Role of Diagnostic Technology in Competition among Japanese Hospitals," *International Journal of Technology Management, Series on Management of Technology in Health Care*, No 1, (1995).
- Bhattacharya J, Vogt WB, Yoshikawa A, Nakahara T, "The Utilization of Outpatient Medical Services in Japan," *Journal of Human Resources*, 31(2): 450-76, (1996).
- Vogt WB, Kupor S, Bhattacharya J, Yoshikawa A, Nakahara T, "Technology and Staffing in Japanese University Hospitals: Government vs. Private," *International Journal of Technology Assessment in Health Care*, 12(1): 93-103, (1996).
- Sturm R, Gresenz C, Sherbourne C, Bhattacharya J, Farley D, Young AS, Klap R, Minnium K, Burnham MA, and Wells KB. "The Design of Healthcare for Communities: A Study of Health Care Delivery for Alcohol, Drug Abuse, and Mental Health Conditions." *Inquiry* 36(2):221-33 (1999).
- Goldman D, Bhattacharya J, McCaffrey D, Duan N, Leibowitz A, Morton S. "The

- Effect of Insurance on Mortality in an HIV+ Population in Care,” *JASA* 96(455):883-894, (2001). See comments “The Effect of Insurance on Mortality in an HIV+ Population in Care,” *JASA* 97(460):1218 (2002).
- Goldman D, Bhattacharya J, Joyce G, D’Amato R, Bozette S, Shapiro M, Liebowitz A. “State Policy and The Costs of HIV+ Disease in the United States”, *Medical Care Research and Review* 58(1):31-53 (2001). See comments *Medical Care Research and Review* 58(4):497-498 (2001).
 - Schoenbaum M, Spranca M, Elliot M, Bhattacharya J, Short PF. “Health Plan Choice and Information about Out-of-Pocket Costs: An Experimental Analysis” *Inquiry* 38(1):35-48 (2001).
 - Reville R, Bhattacharya J, and Sager L. “New Methods and Data Sources for Measuring the Economic Consequences of Workplace Injuries,” *American Journal of Industrial Medicine* 40(4):452-63 (2001).
 - Su C., Bhattacharya J, and Wang CC, “Role of Neck Surgery in Conjunction with Radiation in Regional Control of Node-Positive Cancer of the Oropharynx” *American Journal of Clinical Oncology* 25(2):109-16. (2002).
 - DeLeire T, Bhattacharya J, and MaCurdy T. "Comparing Measures of Overtime Across BLS Surveys." *Industrial Relations* 41(2):362-369 (2002).
 - Studdert D., Bhattacharya J., Warren B., Schoenbaum M., Escarce J.J. “Health Insurance Choices of Managed Care Experts.” *Medical Care* 40(5):375-86 (2002).
 - Bhattacharya J, Schoenbaum M, and Sood N. “Optimal Contributions to Flexible Spending Accounts for Medical Care.” *Economics Letters* 76(1):129-135 (2002).
 - Reville R, Neuhauser F, Bhattacharya J, and Martin C, “Comparing Severity of Impairment for Different Permanent Upper Extremity Musculo-Skeletal Injuries” *Journal of Occupational Rehabilitation* 12(3):205-21 (2002).
 - Lakdawalla D., Goldman D, Bhattacharya J, Hurd M, Joyce G, and Panis C., “Forecasting the Nursing Home Population”, *Medical Care* 41(1):8-20 (2003) See comments “Forecasting the Nursing Home Population,” *Medical Care* 41(1):28-31 (2003).
 - Bhattacharya J, Deleire T, Haider S, Currie J. “Heat or Eat? Cold-Weather Shocks and Nutrition in Poor American Families,” *American Journal of Public Health* 93(7):1149-1154 (2003).
 - Bhattacharya J and Vogt W. “A Simple Model of Pharmaceutical Price Dynamics.” *Journal of Law and Economics* 46:599-626 (2003).
 - Bhattacharya J, Goldman D, Sood N. “The Link Between Public and Private Insurance and HIV-Related Mortality,” *Journal of Health Economics* 22:1105-1122 (2003).
 - Lakdawalla D, Bhattacharya J, and Goldman D. “Are the Young Becoming More Disabled?” *Health Affairs* 23(1):168-176 (2004).
 - Bhattacharya J, Currie J, and Haider S. “Food Insecurity or Poverty? Measuring Need-Related Diet Adequacy,” *Journal of Health Economics* 23(4):839-862 (2004).
 - Yoo BK, Bhattacharya J, McDonald K and Garber A “Impacts of Informal Caregiver Availability on Long-term Care Expenditures in OECD Countries,” *Health Services*

Research 39(6 Pt 2):1971-92 (2004).

- Bhattacharya J, Goldman D, and Sood N, "Price Regulation in Secondary Insurance Markets" *Journal of Risk and Insurance* 72(4):61-75 (2005).
- Bhattacharya J. "Lifetime Returns to Specialization in Medicine" *Journal of Human Resources* 40(1):115-143 (2005).
- Lakdawalla D, Philipson T, Bhattacharya J, "Welfare-Enhancing Technological Change and the Growth of Obesity," *American Economics Review* (Papers and Proceedings) 95(2): 253-257 (2005).
- Bhattacharya J, Shang B, Su CK, Goldman D "Technological Advance in Cancer and the Future of Medical Care Expenditures by the Elderly," *Health Affairs*. [Web Exclusive 10.1377/hlthaff.w5.r5-r17] 26 September (2005).
- Goldman DP, Shang B, Bhattacharya J, Garber AM, Hurd M, Joyce GF, Lakdawalla D, Panis C, Shekelle P, "Health and Spending of the Future Elderly: Consequences of Health Trends and Medical technology," *Health Affairs*. [Web Exclusive 10.1377/hlthaff.w5.r53-r66] 26 September (2005).
- Bhattacharya J and Lakdawalla D "The Labor Market Value of Health Improvements" *The Forum for Health Economics and Health Policy*. Forum: Biomedical Research and the Economy: Article 2 http://www.bepress.fhep/biomedical_research/2 (2005).
- Bhattacharya J and Lakdawalla D, "Does Medicare Benefit the Poor?" *Journal of Public Economics* 90(1-2):277-92 (2006).
- Bhattacharya J, Goldman D, McCaffrey D. "Estimating Probit Models with Endogenous Covariates," *Statistics in Medicine* 25(3):389-413 (2006).
- Bhattacharya J, Currie J, and Haider S, "Breakfast of Champions? The Nutritional Effects of the School Breakfast Program," *Journal of Human Resources* (2006) 41(3):445-466.
- Bhattacharya J and Sood N, "Health Insurance and the Obesity Externality" *Advances In Health Economics And Health Services Research* 17:279-318 (2007).
- Shetty K and Bhattacharya J "The Impact of the 2003 ACGME Work Hours Regulations" *Annals of Internal Medicine* 147: 73-80 (2007). See comment "A Response to Dr. Puhan" *Annals of Internal Medicine* 148(6): 482 (2008).
- Bhattacharya J and Shang B, "Model Based Survey Design Using Logits: Estimating Lost Statistical Power from Random Alternative Sampling" *Survey Research Methods* 1(3):145-154 (2007).
- Bhattacharya J, Choudhry K, and Lakdawalla D. "Chronic Disease and Trends in Severe Disability in Working Age Populations" *Medical Care* 46(1):92-100 (2008).
- Seabury S, Bhattacharya J, Neuhauser F, Reville R, "Using Empirical Data on Earnings Losses to Improve Permanent Disability Ratings in Workers' Compensation," forthcoming at *Journal of Risk and Insurance* December (2008).
- Bhattacharya J, Shaikh A, Vytlačil E "Treatment Effect Bounds under Monotonicity Assumptions: An Application to Swan-Ganz Catheterization" forthcoming at *American Economic Review* (Papers and Proceedings) (2008).

NON-PEER-REVIEWED WORK (2)

- Bhattacharya J. “Coinsurance, Cost Sharing, and the Demand Managed Behavioral Health Services” *Frontlines: Linking Alcohol Services Research & Practice*, June (2003).
- Bhattacharya J. “Dollars to Doughnuts” *Hoover Digest* 3 (2007).

ARTICLES SUBMITTED TO JOURNALS FOR REVIEW (11)

- Bhattacharya J, Goldman D, and Sood N, “Market Evidence of Misperceived Prices and Mistaken Mortality Risks,” revise and resubmit (2006).
- Bhattacharya J and Bundorf K. “The Incidence of the Healthcare Costs of Obesity” revise and resubmit (2007).
- Bhattacharya J and Vogt WB. “Employment and Adverse Selection in Health Insurance” revise and resubmit (2007)
- Bhattacharya J and Vogt WB “Do Instrumental Variables Belong in Propensity Scores?” revise and resubmit (2008)
- Bhattacharya J, Shaikh AM, and Vytlačil E “Treatment Effect Bounds: An Application to Swan-Ganz Catheterization,” submitted (2008).
- Shetty K, Vogt WB, and Bhattacharya J “Hormone Replacement Therapy and Cardiovascular Health in the US.” submitted (2008)
- Yoo BK, Holland ML, Bhattacharya J, Szilagyi PG “Effects of Mass Media Coverage on Weekly Influenza Receipt Among Medicare Elderly” submitted (2008)
- Briese B and Bhattacharya J “The National Residency Matching Program and Fellowship Wages” submitted (2008)
- Bhattacharya J and Isen A “On Inferring Demand for Health Care in the Presence of Anchoring, Acquiescence, and Selection Biases” (2008)
- Bhattacharya J and Packalen M “The *Other* Ex-Ante Moral Hazard in Health” submitted (2008)
- Bendavid E and Bhattacharya J “PEPFAR in Africa: An Evaluation of Outcomes” submitted (2008)

2. BOOKS AND REPORTS (2)

- Yoshikawa A, Bhattacharya J, Vogt WB eds. Health Economics of Japan: Patients, Doctors, and Hospitals Under a Universal Health Insurance System, Tokyo: University of Tokyo Press, (1996).
- Goldman DP, Hurd M, Shekelle PG, Newberry SJ, Panis CWA, Shang B, Bhattacharya J, Joyce GF, Lakdawalla D. Health Status and Medical Treatment of the Future Elderly: Final Report, TR-169-CMS, Santa Monica, CA: RAND (2004).

3. BOOK CHAPTERS (9)

- Bhattacharya J, Garber AM, MaCurdy T. "Cause-Specific Mortality Among Medicare Enrollees," in Inquires in the Economics of Aging, D Wise (ed.), Chicago, IL: University of Chicago Press. (1997).
- MaCurdy T, Nechyba T, Bhattacharya J. "Ch. 2: An Economic Model of the Fiscal Impacts of Immigration," The Immigration Debate: Studies on the Economic, Demographic, and Fiscal Effects of Immigration, J Smith (ed.), National Academy of Sciences Commission on Behavioral and Social Sciences and Education: Washington D.C., (1998).
- Bhattacharya J, Currie J. "Youths and Nutritional Risk: Malnourished or Misnourished?" in Risky Behavior Among Youths, J Gruber (ed.), (2001).
- Yoshikawa A. and Bhattacharya J. "Japanese Health Care" in World Health Systems: Challenges and Perspectives, Bruce Fried and Laura M. Gaydos (eds.), Chicago, IL: Health Administration Press (2002).
- Jayanta Bhattacharya, David Cutler, Dana P. Goldman, Michael D. Hurd, Geoffrey F. Joyce, Darius N. Lakdawalla, Constantijn W. A. Panis, and Baoping Shang, "Disability Forecasts and Future Medicare Costs" Frontiers in Health Policy Research, Vol. 6, Alan Garber and David Cutler (eds.) Boston, MA: MIT Press (2003).
- Bhattacharya J, Garber AM, MaCurdy T. "Trends in Prescription Drug Use by the Disabled Elderly" in Studies in the Economics of Aging, D. Wise (ed), Chicago, IL, University of Chicago Press (2006).
- Bhattacharya J, Choudhry K, and Lakdawalla D. (2007) "Chronic Disease and Trends in Severe Disability in Working Age Populations" Proceedings from the Institute of Medicine workshop, 'Disability in America: An Update,' Institute of Medicine: Washington, D.C.
- Aranovich G, Bhattacharya J, Garber A, MaCurdy T "Coping with Chronic Disease? Chronic Disease and Disability in Elderly American Population 1982-1999" in Research in the Economics of Aging, D. Wise (ed), Chicago, IL, University of Chicago Press (2007) (forthcoming).
- Bhattacharya J and Richmond P "On Work and Health Among the American Poor" in Pathways to Self-Sufficiency: Getting Ahead in an Era Beyond Welfare Reform John Karl Scholz and Carolyn Heinrich (eds), New York, NY, Russell Sage Foundation (2008) (forthcoming).

4. ABSTRACTS (1)

- Su CK and Bhattacharya J. Longitudinal Hospitalization Costs and Outcomes in the Treatment of the Medicare Breast Cancer Patient. *International Journal of Radiation Oncology Biology Physics* 1996; 36(S1): 282. [abstract]

D. PUBLIC AND PROFESSIONAL SERVICE:

JOURNAL EDITING

Forum for Health Economics & Policy, Editorial Board Member
Economics Bulletin, Associate Editor

SERVICE ON SCIENTIFIC REVIEW AND ADVISORY COMMITTEES (12)

- Appointed as a standing member of the NIH Social Science and Population Studies Review Panel, Fall 2004-Fall 2008
- Invited Reviewer for National Academy of Sciences report on Food Insecurity and Hunger, November 2005.
- Invited Reviewer for the National Academy of Sciences report on the Nutrition Data Infrastructure, December 2004
- Invited Reviewer for the National Institute on Health (NIH) Health Services Organization and Delivery Review Panel, June 2004, Alexandria, VA.
- Invited Reviewer for the Food Assistance and Nutrition Research Program US Department of Agriculture Economic Research Service Research Proposal Review Panel, June 2004, Stanford, CA.
- Invited Reviewer for the National Institute on Health (NIH) Social Science and Population Studies Review Panel, February 2004, Alexandria, VA.
- Invited Reviewer for the National Institute on Health (NIH) Social Sciences and Population Studies Review Panel, November 2003, Bethesda, MD.
- Invited Reviewer for the National Institute on Health (NIH) Social Science, Nursing, Epidemiology, and Methods (3) Review Panel, June 2003, Bethesda, MD.
- Invited Reviewer for the Food Assistance and Nutrition Research Program US Department of Agriculture Economic Research Service Research Proposal Review Panel, August 2002.
- Research Advisory Panel on Canadian Disability Measurement, Canadian Human Resources Development Applied Research Branch, June 2001 in Ottawa, Canada.
- Invited Reviewer for the National Institute of Occupational Safety and Health R18 Demonstration Project Grants Review panel in July 2000, Washington D.C.
- Research Advisory Panel on Japanese Health Policy Research. May 1997 at the Center for Global Partnership, New York, NY.

TESTIMONY TO GOVERNMENTAL PANELS (3)

- “Designing an Optimal Data Infrastructure for Nutrition Research” June 2004 testimony to the National Academy of Sciences commission on “Enhancing the Data Infrastructure in Support of Food and Nutrition Programs, Research, and Decision Making,” Washington D.C.
- “Measuring the Effect of Overtime Reform” October 1998 testimony to the California Assembly Select Committee on the Middle Class, Los Angeles, CA.
- "Switching to Weekly Overtime in California." April 1997 testimony to the California Industrial Welfare Commission, Los Angeles, CA.

REFEREE FOR RESEARCH JOURNALS (20)

American Economic Review; American Journal of Health Promotion; American Journal of Managed Care; Education Next; Health Economics Letters; Health Services Research; Health Services and Outcomes Research Methodology; Industrial and Labor Relations Review; Journal of Agricultural Economics; Journal of the American Medical Association; Journal of Health Economics; Journal of Health Policy, Politics, and Law; Journal of Human Resources; Journal of Political Economy; Labour Economics; Medical Care; Medical Decision Making;

Review of Economics and Statistics; Scandinavian Journal of Economics; Social Science and Medicine

E. GRANTS AND PATENTS

PATENT (1)

- “Health Cost and Flexible Spending Account Calculator” with Schoenbaum M, Spranca M, and Sood N (2001).

GRANTS AND SUBCONTRACTS (17)

CURRENT

- 2007-2009 Funder: National Institute of Aging (R01)
Title: The Economics of Obesity
Role: PI
- 2006-1010 Funder: National Institute of Aging (K02)
Title: Health Insurance Provision for Vulnerable Populations
Role: PI
- 2005-2008 Funder: National Institute of Aging (R01)
Title: Whom Does Medicare Benefit?
Role: co-PI
- 2005-2009 Funder: National Institute of Aging (P01 Subproject)
Title: Medical Care for the Disabled Elderly grant from the
Role: Investigator
- 2007-2009 Funder: Veterans Administration, Health Services Research and Development Service
Title: Quality of Practices for Lung Cancer Diagnosis and Staging
Role: Investigator
- 2007-2008 Funder: Stanford Center for Demography and Economics of Health and Aging
Title: The HIV Epidemic in Africa and the Orphaned Elderly
Role: PI

PREVIOUS

- 2006-2007 Funder: Stanford Center for Demography and Economics of Health and Aging
Title: Obesity, Wages, and Health Insurance
Role: PI
- 2006-2007 Funder: USDA
Title: Have Education-Related Disparities in Obesity Increased Over Time?
Role: PI
- 2002-2003 Funder: Robert Wood Johnson Foundation
Title: Uninsurance and Adverse Selection in Health and Labor Markets
Role: PI
- 2002 Funder: Stanford Center for Demography and Economics of Health and Aging
Title: Explaining Changes in Disability Prevalence Among Younger and Older American Populations
Role: PI

- 2001-2002 Funder: National Institute of Aging (R03)
Title: The Economics of Viatical Settlements
Role: PI
- 2001-2002 Funder: Robert Wood Johnson Foundation
Title: The Effects of Medicare Eligibility on Participation in Social Security Disability Insurance
Role: Co-PI
- 2001-2003 Funder: Agency for Healthcare Research and Quality (R01)
Title: State and Federal Policy and Outcomes for HIV+ Adults
Role: Co-PI
- 2000-2001 Funder: USDA
Title: How Should We Measure Hunger?
Role: Co-PI
- 2001-2002 Funder: USDA
Title: Evaluating the Impact of School Breakfast and Lunch
Role: Investigator
- 2000-2002 Funder: National Institute on Alcohol Abuse & Alcoholism (R03)
Title: The Demand for Alcohol Treatment Services
Role: PI
- 2001-2002 Funder: Northwestern/Univ. of Chicago Joint Center on Poverty
Title: The Allocation of Nutrition with Poor American Families
Role: Co-PI

F. SCHOLARSHIPS AND HONORS

- Phi Beta Kappa Honor Society, 1988
- Distinction and Departmental Honors in Economics, Stanford University, 1990
- Michael Forman Fellowship in Economics, Stanford University, 1991-1992
- Agency for Health Care Policy and Research Fellowship 1993-1995
- Outstanding Teaching Assistant Award, Stanford University, Economics, 1994
- Center for Economic Policy Research, Olin Dissertation Fellowship, 1997-1998
- Distinguished Award for Exceptional Contributions to Education in Medicine, Stanford University, 2005 & 2007