

William B. Vogt

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BUSINESS ADDRESS

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Department of Economics
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HOME ADDRESS

1910 Oconee Springs Dr
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PROFESSIONAL EXPERIENCE

08/2010–present Associate Professor, Department of Economics, Terry College of Business, University of Georgia.
05/2010–08/2010 Visiting Scholar, Schaeffer Center, University of Southern California, Los Angeles, CA.
08/2007–05/2010 Senior Economist, RAND Corp, Pittsburgh, PA.
06/2005–07/2007 Associate Professor, Heinz School, Carnegie Mellon University and, by courtesy, Tepper School.
09/1996–05/2005 Assistant Professor, Heinz School and, by courtesy, Tepper School.
08/2002–12/2003 Economist, Federal Trade Commission.
08/2002–09/2002 Consultant, President's Council of Economic Advisors.
01/2001–04/2001 Visiting Assistant Professor, Stigler Center, Graduate School of Business, University of Chicago.
09/1992–8/1994 Various RAs and TAs, Stanford University.
09/1990–6/1991 Undergraduate RA for John Kagel, U of Pittsburgh.

PROFESSIONAL ASSOCIATIONS

American Economic Association
Econometric Society

TEACHING EXPERIENCE

Econometrics
Industrial Organization
Health Economics
Public Economics

RESEARCH INTERESTS

Health Economics
Industrial Organization
Applied Econometrics

SCHOLARLY ARTICLES: ECONOMICS

- Gaynor, M., Kleiner, S. and Vogt, W.B. (forthcoming) Analysis of hospital production: an output index approach. *Journal of Applied Econometrics*.
- Gaynor, M., Kleiner, S. and Vogt, W.B. (2013) A structural approach to market definition: an application to the hospital industry. *Journal of Industrial Economics*, 61(2): 243-89.
- Snider, J.T., Romley, J.A., Vogt, W.B., and Philipson, T.J. (2012) The option value of innovation. *Forum for Health Economics and Policy*, 15(2): 1-17.
- Bhattacharya J. and Vogt W.B. (2012) Do instrumental variables belong in propensity scores? *International Journal of Statistics & Economics*, 9(A12): 107-27. See also NBER technical working paper #t0343.
- Goldman, D.P., Joyce, G.F., and Vogt, W.B. (2011) Part D formulary and benefit design as a risk-steering mechanism. *AER Papers and Proceedings*, 101(2).
- Moriya, A., Vogt, W.B., and Gaynor M. (2010) Hospital prices and market structure in the hospital and insurance industries. *Health Economics, Policy, and Law*, 5: 459-79.
- Kim, Y., Telang, R., Vogt, W.B., Krishnan, R. (2010) Empirical analysis of mobile voice and SMS service: A structural model. *Management Science*, 56(2): 234-52.
- Arora, A., Vogt, W.B., and Yoon, J. (2009) Is the division of labor limited by the extent of the market: evidence from the chemical industry. *Industrial and Corporate Change*, 18(5): 785-806.
- Gaynor, M., Li, J., and Vogt, W.B. (2007) Substitution, spending offsets, and prescription drug benefit design. *Forum for Health Economics and Policy*, 10(2): 1-31. Winner of 2007 Fuchs award.

- Abraham, J., Gaynor, M., and Vogt, W.B. (2007) Entry and competition in local hospital markets. *Journal of Industrial Economics*, 55(2): 265-88.
- Chakravarty, S., Gaynor, M., Klepper, S., and Vogt, W.B. (2006) Does the profit motive make Jack nimble? Ownership form and the evolution of the US hospital industry. *Health Economics*, 15(4): 345-61.
- Furgeson, J., Strauss, R.J., and Vogt, W.B. (2006) The effects of defined benefit pension incentives and working conditions on teacher retirement decisions. *Education Finance and Policy*, 1(3): 316-48.
- Gaynor, M., Seider, H., and Vogt, W.B. (2005) The volume-outcome effect, scale economies, and learning by doing. *American Economic Review, Papers and Proceedings*, 295(2): 243-47.
- Gaynor, M. and Vogt, W.B. (2003) Competition among hospitals. *RAND Journal of Economics*, 34(4): 764-85.
- Bhattacharya, J. and Vogt, W.B. (2003) A simple model of pharmaceutical price dynamics. *Journal of Law and Economics*, 94(2): 599-626.
- Gaynor, M., Haas-Wilson, D., and Vogt, W.B. (2000) Are invisible hands good hands? Moral hazard, competition and the second best in health care markets. *Journal of Political Economy*, 108(51): 992-1005.
- Bhattacharya, J., Vogt, W.B., Yoshikawa, A., and Nakahara, T. (1996) The utilization of outpatient medical services in Japan. *Journal of Human Resources*, 31(2): 450-76.

SCHOLARLY ARTICLES: MEDICAL, HEALTH SERVICES, POLICY

- Vogt, W.B., Joyce, G., Xia, J., Dirani, R., Wan, G., Goldman, D.P. (2011) Medicaid cost control measures aimed at second-generation antipsychotics led to less use of all antipsychotics. *Health Affairs*, 12: 2346-2354.
- Akosa Antwi, Y., Gaynor, M., and Vogt, W.B. (2009) A bargain at twice the price? California hospital prices in the new millennium. *Forum for Health Economics & Policy: 12(1) (Frontiers in Health Policy Research)*, Article 3. <http://www.bepress.com/fhep/12/1/3>.
- Joyce G.F., Goldman D.P., Vogt W.B., Sun E., Jena A.B. (2009) Medicare Part D after two years. *American Journal of Managed Care*. 15(8): 536-44.

- Kleiner, S., Vogt, W. B., Gladowski, P., Devries, A., Levin, G., Antonucci, C., Fong, J. (2009) Beta-blocker compliance, mortality and re-infarction: validation of clinical trial association using insurer claims data. *American Journal of Medical Quality*, 24(6): 512-19.
- Shetty, K., Bhattacharya, J., and Vogt, W.B. (2009) Hormone replacement therapy and cardiovascular health in the US. *Medical Care*, 47(5): 600-6.
- Abraham, J., Gaynor, M., and Vogt, W.B. (2006) Household demand for employer-based health insurance. *Inquiry*, 43(4): 315-32. An earlier version is NBER Working Paper #9144.
- Vogt, W.B. and Town, R. (2006) *How has hospital consolidation affected the price and quality of hospital care? Research Synthesis Report no. 9*. Princeton, NJ: Robert Wood Johnson Foundation. Available at: <http://www.rwjf.org/publications/synthesis>
- Williams, B.A., Kentor, M.L., Vogt, M.T., Vogt, W.B., Coley, K.C., Williams, J.P., Roberts, M.S., Chelly, J.E., Harner, C.D., and Fu, F.H. (2004) Economics of nerve block pain management after anterior cruciate ligament reconstruction. *Anesthesiology*, 100: 697-706.
- Vogt, W.B., Bhattacharya, J., Kupor, S., Yoshikawa, A. and Nakahara, T. (1996) Technology and staffing in Japanese university hospitals: government vs. private. *International Journal of Technology Assessment in Health Care*, 12(1).
- Vogt, W.B., Bhattacharya, J., Kupor, S., Yoshikawa, A., and Nakahara, T. (1995) The role of diagnostic technology in competition among Japanese hospitals. *International Journal of Technology Management*, special issue: The role of management of technology in clinical and administrative health care delivery: the road to the 21st century, 93.

BOOKS, BOOK CHAPTERS, REPORTS, ESSAYS

- Vogt, W.B. (2009) Hospital Market Consolidation: Trends and Consequences. *Expert Voices*. National Institute of Health Care Management. http://nihcm.org/publications/expert_voices.
- Vogt, W.B. and Romley, J.A. (2009) *California Ambulatory Surgery Centers: A Comparative Statistical and Regulatory Description*. Santa

Monica, CA. RAND Corporation, TR-757-CAHF.

Vogt, W.B. (2000) Comment on chapter 10. Cutler, D. ed. *The Changing Hospital Industry*. Chicago: University of Chicago Press, 2000.

Gaynor, M. and Vogt, W.B. (1999) Antitrust and competition in health care markets, chapter 27 (pp 1405-87) in Culyer, A.J. and Newhouse, J.P., eds. *Handbook of Health Economics*. Elsevier. An earlier version is NBER working paper #7112.

Gaynor, M. and Vogt, W.B. (1997) What does economics have to say about health policy anyway? A comment and correction on Evans and Rice. *Journal of Health, Politics, Policy, and Law*, 22(2): 475-96.

Yoshikawa, A., Bhattacharya, J., and Vogt, W.B., eds. (1996) *Health Economics of Japan*. Tokyo: University of Tokyo Press.

In addition, Vogt is co-author on 12 of 15 chapters.

Kagel, J. and Vogt, W.B. (1991) Buyer's bid double auctions: preliminary experimental results. Rust, J. and Friedman, D., eds. *The Double Auction Market: Institutions, Theories, and Evidence*. Addison-Wesley.

UNDER REVIEW

Akosa Antwi, Y.O.D., Gaynor, M., and Vogt, W.B. (2013) A competition index for differentiated products oligopoly with an application to hospital markets. Under review at *Journal of Industrial Economics*.

WORKING PAPERS

Bhattacharya, J. and Vogt, W.B. (2013) Employment and adverse selection in health insurance. NBER working paper #12430.

Vogt, W.B., Kleiner, S., Gladowski, P., DeVries, A., Levin, G.A., Antonucci, C., and Fong, J. (2009) Costs and compliance with β -Blocker therapy post-AMI.

Kim, Y., Krishnan, R., and Vogt, W.B. (2007) On product-level uncertainty and online purchase behavior: an empirical analysis. Unpublished Paper, Carnegie Mellon University.

Strauss, R. and Vogt, W.B. (2006) Should teachers know or know how to teach? An earlier version is working paper #168 at Stigler Center,

GSB, University of Chicago.

- Arora, A., Pammolli, F., Vogt, W.B., and Yoon, J. (2004) Does in-house R&D increase bargaining power? Evidence from the pharmaceutical industry.
- Adams, C.P., Vogt, W.B., and Xu, H. (2004) Digital demand: demand for digital cameras on eBay. Unpublished paper, Federal Trade Commission.
- Seider, H., Gaynor, M., and Vogt, W.B. (2003) Volume-outcome and antitrust in US health care markets. Unpublished paper, University of Augsburg.
- Arora, A., Xu, H., Padman, R., & Vogt W.B. (2002) Optimal bidding in sequential online auctions. Unpublished paper, Carnegie Mellon University.
- Bhattacharya, J. and Vogt, W.B. (2001) Could we tell if health insurance mandates cause unemployment? A note on the literature. Working paper #167 at Stigler Center, GSB, University of Chicago.
- Vogt, W.B. (2000) Detecting strategic behavior in technology adoption: the example of magnetic resonance imaging. Unpublished paper, Carnegie Mellon University.
- Vogt, W.B. (1998) Market power in credence goods markets. Unpublished paper, Carnegie Mellon University.

OTHER PUBLICATIONS

Contributed to 2002 *Economic Report of the President*

GRANT SUPPORT AS PRINCIPAL INVESTIGATOR

- 09/2009 - 08/2012 20% effort Challenge Grant NIA 1RC1AG035863
Natural Experiments and RCT Generalizability:
The Women's Health Initiative
\$997,505
- 04/2008 - 10/2009 30% effort California Healthcare Foundation
The New For-Profit Medicine and Outpatient Surgery
(Ambulatory Surgery Centers: Policy Relevant Trends)
\$268,760
- 09/2005 - 06/2007 11% effort NIA 1 R03 AG025934-01
B-blocker Compliance Post-MI: Costs, Causes, Disparities

SELECTED OTHER GRANT SUPPORT

- 10/2007 - 08/2010 Co-Investigator, 25% effort Janssen Pharmaceuticals
The Social Benefits of More Generous Medicaid
Formulary Policies for Anti-Psychotics
\$1.63MM
- 09/2008 - 07/2012 Co-Investigator, 20% effort NIA 1R01AG029514
Improving Pharmacy Benefit Design
\$2.5 MM

SCHOOLING

- B.S. 1991, University of Pittsburgh
Mathematics and Economics
summa cum laude
- Ph.D. 1999, Stanford University
Economics

DISSERTATION

- Title Existence and welfare implications of strategic behavior in technology adoption.
- Completion Date 1999
- Principal Adviser Timothy Bresnahan, Economics, Stanford University.
- Other Advisors Frank Wolak, Economics, Stanford University.
Tom MaCurdy, Economics, Stanford University.

HONORS

- 2007 Inaugural Victor R Fuchs Research Award for the best paper with the potential to spawn new research in an underdeveloped area of health economics or health policy
- 2001 John M Olin Visiting Fellowship, Graduate School of Business, University of Chicago.
- 1998 Appointment as a Faculty Research Fellow at NBER
- 1994 AHCPH predoctoral fellowship
- 1991 Departmental Fellowship, Stanford Dept of Economics
- 1991 Phi Beta Kappa
- 1991 Culver Award in Mathematics, University of Pittsburgh
- 1986 National Merit Scholarship

EDITORIAL SERVICE

- 2005-present Editorial Board of RAND Forum for Health Economics & Policy

CONFERENCES ORGANIZED

- 10/2009 12th Frontiers in Health Policy Research Conference, Washington DC

OTHER SERVICE

- 2011-14 Member, CBO Panel of Health Advisors
- 06/2013 Reviewer, RWJF Understanding the Use and Impact of Price Data in Health Care
- 06/2010 Ad hoc member of NIH Health Services Organization and Delivery study section
- 07/2009 Member NIA Special Emphasis Panel ZAG1 ZIJ-3 (O1)
- 02/2008 Ad hoc member of NIH Health Services Organization and Delivery study section
- 12/2007 Reviewer for Robert Wood Johnson Foundation, HCFO program
- 02/2005 Reviewer for Robert Wood Johnson Foundation, HCFO program
- 03/2004 Ad hoc member of NIA Behavioral & Social Science Initial Review Group

REFeree FOR

American Economic Review, BE Press Journal of Economic Analysis and Policy, Canadian Journal of Economics, Eastern Economic Journal, Forum for Health Economics and Policy, Health Economics, Health Services Research, International Journal of Industrial Organization, International Journal of Health Care Finance and Economics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Economics and Management Strategy, Journal of General Internal Medicine, Journal of Health Economics, Journal of Health, Politics, Policy, and Law, Journal of Human Resources, Journal of Industrial Economics, Journal of Institutional and Theoretical Economics, Journal of Law and Economics, Journal of Legal Studies, Journal of Political Economy, Journal of Public Economic Theory, Journal of Public Economics, Journal of Risk and Insurance, Management Science, Medical Care, Quarterly Journal of Economics, Quarterly Journal of Economics and Finance, Rand Forum for Health Economics and Policy, Rand Journal of Economics, Southern Economic Journal

PHD ADVISING, COMPLETIONS

Asako Moriya, Carnegie Mellon University, 2011
Yaa Owusua Akosa Antwi, Carnegie Mellon University, 2010
Youngsoo Kim, PhD, Carnegie Mellon University, 2007
Jian Li, PhD, Carnegie Mellon University, 2007
Sujoy Chakravarty, PhD, Carnegie Mellon University, 2007
Ji Woong Yoon, PhD, Carnegie Mellon University, 2006
Ivico M. Ahumada-Lobo, PhD, Carnegie Mellon University, 2002
Marco Ceccagnoli, PhD, Carnegie Mellon University, 2001
Farasat Bokhari, PhD, Carnegie Mellon University, 2001
Jean Marie Abraham, PhD, Carnegie Mellon University, 2001
Laura Jeanne Dugan, PhD, Carnegie Mellon University, 1999
Ranjani Krishnan, PhD, University of Pittsburgh, 1998

PHD ADVISING, CURRENT

Mark Kelly, University of Georgia
Ruben Jacobo-Rubio, University of Georgia

PRESENTATIONS AT SCHOLARLY CONFERENCES

- 2013 Southern Economic Association, Tampa, FL
2011 AEA Annual Meeting, Denver, CO.
2009 AEA Annual Meeting, San Francisco, CA.
2008 NBER Frontiers in Health Policy Research, Washington, DC.
2008 funda{mental} policy conference, Washington, DC.
2008 International Industrial Organization Conference, Arlington, VA.
2006 Pharmaceutical Economics and Policy Council, Boston, MA.
2005 NBER Health Care Program Meeting, Spring, Boston, MA.
2004 NBER Summer Institute, August, Boston, MA.
2004 International IO Conference, April, Chicago, IL.
2003 NBER health care program meeting, November, Boston, MA.
2003 APPAM, Washington, DC.
2001 American Education Finance Association, Cincinnati, OH.
2001 The Regulation of Medical Innovation and Pharmaceutical Markets, Harris School, University of Chicago.
1999 Stanford Institute for Theoretical Economics, Stanford, CA
1999 10th Annual Health Economics Conference, Berkeley, CA
1998 AEA Annual Meeting, Chicago, IL
1998 NBER Conf on Not-for-Profits in Health Care, Palm Beach, FL
1997 Center for Global Partnership, Conference on Health Care
1997 3rd IO of Health Care Conference, Boston MA
1996 AEA Annual Meeting, San Francisco, CA

OTHER PUBLIC SPEAKING

- 2013 HFMA 7th Annual Thought Leadership Retreat, Keynote Speech. "Consolidation in Healthcare." October 4, National Harbor, MD.
2011 CBO Panel of Health Advisors. "Market consolidation and competition in health care," September 23, Washington, DC.
2010 AcademyHealth Research Insights meeting on Integration, Concentration, and Competition in the Provider Marketplace, December 10, Washington, DC. Talk given: "What Do We Know About Hospital Consolidation?"
2010 ASRT Health Care Industry Advisory Council (HCIAC) meeting, May, Savannah, GA. Talk given: "Health Care Economics: What will Reform Mean for the U.S.?"

2005 Society for the Education of Physicians and Patients Healthcare Summit, October, Pittsburgh, PA. Talk given: "Policy and Prescription Drugs."

TESTIMONY & MISC

- 2006 HHS "Action to Reduce Regulatory Burden" Town Hall Meeting, January 12, 2006, Oklahoma City, OK.
- 2003 FTC workshop: "Provider competition and quality: latest findings and implications for next generation of research," May 28, 2003, Washington, DC.
- 2002 FTC workshop: "Health care and competition law and policy workshop," September 9-10, 2002, Washington, DC.
- 2002 Alan D. Gordon, M.D. v. Lewistown Hospital (Testimony at deposition and trial)

CONSULTING

I3Innovus (pharmaceutical entry and competition), Federal Trade Commission (various antitrust matters), Government of the Netherlands: Competition Authority and Healthcare Authority (market definition methodology), DeForest Koscelnik Yokitis & Kaplan (antitrust consulting), Richard G Gay, Esq (antitrust consulting), President's Council of Economic Advisors, McBride Baker & Coles (antitrust expert witness, testimony at deposition and trial), Gerson-Lehrman Group Council of Advisors.

CITIZENSHIP

U.S.A.