

Curriculum Vitae

Brent D. Fulton, Ph.D., MBA
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School of Public Health
University of California, Berkeley
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December 6, 2017

A. Employment

Current Positions

- 2011 to present Assistant Adjunct Professor of Health Economics and Policy, Division of Health Policy and Management, School of Public Health, University of California, Berkeley
- 2011 to present Associate Director, Nicholas C. Petris Center on Health Care Markets and Consumer Welfare, and Global Center for Health Economics and Policy Research, School of Public Health, University of California, Berkeley
- 2016 to present Faculty Director, Health Policy and Management Concentration, On-Campus/Online Master of Public Health (OOMPH) Professional Degree Program, School of Public Health, University of California, Berkeley

Previous Positions

- 2009-2014 Assistant Research Economist, Nicholas C. Petris Center on Health Care Markets and Consumer Welfare, and Global Center for Health Economics and Policy Research, School of Public Health, University of California, Berkeley
- 2006-2009 Statistician, Nicholas C. Petris Center on Health Care Markets and Consumer Welfare, and Global Center for Health Economics and Policy Research, School of Public Health, University of California, Berkeley
- 2001-2006 Graduate Student Research Fellow, RAND Corporation
- 1999-2001 Business Consultant, independent and as an employee (multiple businesses)
- 1997-1998 Senior Consultant, Ernst & Young LLP
- 1992-1997 Project Manager/Engineer, U.S. Air Force

B. Education

Ph.D., Public Policy Analysis (health economics focus), Pardee RAND Graduate School, 2006

MBA, Strategy and Finance, Anderson School at UCLA, 1997

B.S., Engineering Mechanics, U.S. Air Force Academy, 1992

C. Teaching

2018 (planned)	Public Health W226A: Health Economics (Instructor)
2012 to 2016	Public Health W200E: Health Policy and Management (Instructor)
2013 to present	Public Health 126: Health Economics and Public Policy (Instructor/Co-Instructor)
2010, 2012	Public Health 126: Health Economics and Public Policy (Lecturer Appointment to co-teach course)
2009, 2011	Public Health 126: Health Economics and Public Policy (guest lecturer for five classes)

D. Awards

School of Public Health Award for Teaching Excellence (summers of 2012 to 2016; springs of 2014 to 2015)

E. Peer-Reviewed Publications

Research areas: market concentration, health insurance, health workforce, accountable care organizations, mental health, California's healthcare market

Published or In Press

25. **Fulton BD**, Ivey SL, Rodriguez HP, Shortell SM. Countywide physician organization learning collaborative and changes in hospitalization rates. *American Journal of Managed Care* 23(10); 2017: 596-603.
24. **Fulton BD**. Healthcare market concentration trends in the United States: evidence and policy responses. *Health Affairs* 36(9); 2017: 1530-1538.

23. Gabel JR, Arnold DR, **Fulton BD**, Stromberg ST, Green M, Whitmore H, Scheffler RM. Consumers buy lower-cost plans on Covered California, suggesting exposure to premium increases is less than commonly reported. *Health Affairs* 36(1); 2017: 8-15.
22. Scheffler RM, Arnold D, **Fulton BD**, Glied SA. Differing impacts of market concentration on Affordable Care Act Marketplace premiums. *Health Affairs* 35(5); 2016: 880-888.
21. **Fulton BD**, Scheffler RM, Hinshaw SP. State variation in increased ADHD prevalence: links to NCLB school accountability and state medication laws. *Psychiatric Services* 66(10); 2015: 1074-1082.
20. **Fulton BD**, Hollingshead A, Karaca-Mandic P, Scheffler RM. Republican states bolstered their health insurance rate review programs using incentives from the Affordable Care Act. *Inquiry: The Journal of Health Care Organization Provision and Financing* 52; 2015: 1-10.
19. Karaca-Mandic P, **Fulton BD**, Hollingshead A, Scheffler RM. States with stronger health insurance rate review authority experienced lower premiums in the individual market in 2010-13. *Health Affairs* 34(8); 2015: 1358-1367.
18. **Fulton BD**, Pegany V, Keolanui B, Scheffler RM. California accountable care organizations: number, characteristics and state regulation. *Journal of Health Politics, Policy and Law* 40(4); 2015: 667-686.
17. Kessell ER, Pegany V, Keolanui B, **Fulton BD**, Scheffler RM, Shortell SM. Review of Medicare, Medicaid and commercial quality of care measures: considerations for assessing accountable care organizations. *Journal of Health Politics, Policy and Law* 40(4); 2015: 759-794.
16. **Fulton BD**, Scheffler RM, Keolanui B, Shortell SM. Forecasts and drivers of health expenditure growth in California. *California Journal of Politics & Policy* 7(2); 2015: 1-14.
15. **Fulton BD**, Galarraga O, Dow WH. Informing public policy toward binational health insurance: empirical evidence from California. *Salud Pública de México* 55(4); 2013: S468-S476.
14. Scheffler RM, **Fulton BD**. Needs-based estimates for the health workforce. In Soucat AS, Scheffler RM (eds.), *The Labor Market for Health Workers in Africa: A New Look at the Crisis*, Washington, D.C.: The World Bank, 2013. (Reviewed by peer reviewers internal and external to The World Bank.)

13. Bruckner TA, Hodgson A, Mahoney CB, **Fulton B**, Levine P, Scheffler RM. Health care supply and county-level variation in attention-deficit hyperactivity disorder prescription medications. *Pharmacoepidemiology and Drug Safety* 21(4); 2012: 442–449.
12. Kapur K, Karaca-Mandic P, Gates SM, **Fulton BD**. Do small group health insurance regulations influence small business size? *Journal of Risk and Insurance* 79(1); 2012: 231-259.
11. **Fulton BD**, Dow WH. Is California different? State-specific risk adjustment needs under health reform. *California Journal of Politics & Policy* 3(4); 2011: 1-11.
10. Hinshaw SP, Scheffler RM, **Fulton BD**, et al. International variation in treatment procedures for attention-deficit/hyperactivity disorder: social context and recent trends. *Psychiatric Services* 62(5); 2011: 459-464.
9. Bruckner TA, Scheffler RM, Shen G, Yoon J, Chisholm D, Morris J, **Fulton BD**, Dal Poz MR, Saxena S. The mental health workforce gap in low- and middle-income countries: a needs-based approach. *Bulletin of the World Health Organization* 89; 2011: 184-194.
8. Scheffler RM, Bruckner TA, **Fulton BD**, Yoon J, Shen G, Chisholm D, Morris J, Dal Poz MR, Saxena S. Human resources for mental health: workforce shortages in low- and middle-income countries. *Human Resources for Health Observer # 8*. Geneva: World Health Organization, 2011.
7. **Fulton BD**, Scheffler RM, Sparkes SP, Auh EY, Vujicic M, Soucat A. Health workforce skill mix and task shifting in low-income countries: a review of recent evidence. *Human Resources for Health* 9(1); 2011.
6. Dow WH, **Fulton BD**, Baicker K. Reinsurance for high health costs: benefits, limitations, and alternatives. *Forum for Health Economics & Policy* 13(2); 2010.
5. Scheffler RM, Mahoney CB, **Fulton BD**, Dal Poz MR, Preker AS. Estimates of health care professional shortages in Sub-Saharan Africa by 2015. *Health Affairs* 28; 2009: w849-w862.
4. **Fulton BD**, Scheffer RM, Hinshaw SP, Levine P, Stone S, Brown TT, Modrek S. National variation of ADHD diagnostic prevalence and medication use: health care providers and education policies. *Psychiatric Services*, 60(8); 2009:1075-1083.
3. Finlayson TL, Brown TT, **Fulton BD**, Jahedi S. Adult oral health status in California, 1995-2006: demographic factors associated with tooth loss due to disease,” *Journal of the California Dental Association*, 37(8); 2009: 561-570.
2. Brown TT, Finlayson TL, **Fulton BD**, Jahedi S. The demand for dental care and financial barriers in accessing needed care among adults in California. *Journal of the California Dental Association*, 37(8); 2009: 539-547.

1. Scheffler RM, Brown TT, **Fulton BD**, Hinshaw SP, Levine P, Stone S. Positive association between ADHD medication use and academic achievement during elementary school. *Pediatrics* 123(5); 2009: 1273-1279.

Working Papers

Fulton BD, Kim JA, Shortell SM, Rodriguez HP. Assessing the Early Impact of the State Innovation Models (SIM) Initiative on Hospitalization Rates among Adult Diabetics (working paper).

Fulton BD, et al. Scenarios that Predict High-Cost Meningitis and Encephalitis Patients (working paper).

F. Publications and Reports (not peer-reviewed)

16. **Fulton BD**, Valeta M, Tilipman J, Hambidge T, Dimick G, Scheffler RM. *Health Expenditure Forecasts and Provider Concentration Trends in California*. Berkeley, CA: Nicholas C. Petris Center on Health Care Markets and Consumer Welfare, School of Public Health, University of California, 2017.
15. **Fulton BD**, Scheffler RM, Arnold DR. *Testimony Regarding Anthem, Inc.'s Proposed Acquisition of Cigna Corporation*. Sacramento, CA: California Department of Insurance, 2016, <http://www.insurance.ca.gov/01-consumers/110-health/60-resources/upload/CDI-Testimony-re-Anthem-and-Cigna-Fulton-Scheffler-and-Arnold-032916-final.pdf>.
14. Scheffler RM, **Fulton BD**. *Testimony Regarding Centene Corporation's Proposed Acquisition of Health Net, Inc.* Sacramento, CA: California Department of Insurance, 2016, <http://www.insurance.ca.gov/0250-insurers/0500-legal-info/upload/FinalExhibitBinderHealthNetCenteneHearingPart-1.pdf> (pp. CDIx169-183).
13. Spetz J, Tellez M, **Fulton BD**. Global human resources for health. In Scheffler RM (editor). *World Scientific Handbook of Global Health Economics and Public Policy*. Singapore: World Scientific, 2016.
12. Hollingshead A, King J, **Fulton BD**, Rushakoff J, Scheffler RM. *State Actions to Promote and Restrain Commercial Accountable Care Organizations*. Berkeley, CA: Nicholas C. Petris Center on Health Care Markets and Consumer Welfare, School of Public Health, University of California, in partnership with Milbank Memorial Fund, 2015.
11. Shortell SM, Scheffler RM, **Fulton BD**, Kessell ER. *Accountable Care Organizations in California: Promise & Performance*. Berkeley, CA: Berkeley Forum for Improving

California's Healthcare Delivery System, School of Public Health, University of California, Berkeley, 2015.

10. **Fulton BD**, Kessell ER, Keolanui B, Pegany V, Shortell SM, Scheffler RM. *Drivers of Health Expenditure Growth in California: Forecasts and Progress on Delivery System Integration*. Berkeley, CA: Berkeley Forum for Improving California's Healthcare Delivery System, School of Public Health, University of California, Berkeley, 2014.
9. Bowers LG, Scheffler RM, Shortell SM, **Fulton BD**. The Berkeley Forum – A roadmap for improving healthcare in California. *California Journal of Politics and Policy* 6(2); 2014: 207-224.
8. Bowers LG, Scheffler RM, Shortell SM, **Fulton BD**. Introduction: six comments on the Forum. *California Journal of Politics and Policy* 6(2); 2014: 225-226.
7. Scheffler RM, Bowers LG, **Fulton BD**, Connors C, Shortell SM, Morrison I. A new vision for California's healthcare system: integrated care with aligned financial incentives. *California Journal of Politics and Policy* 6(2); 2014: 249-334.
6. California Health Benefits Review Program. *Analysis of Assembly Bill 460: Health Care Coverage: Infertility*. Report to the California State Legislature. Oakland, CA: California Health Benefits Review Program, 2013. (**Fulton BD**, cost lead).
5. **Fulton BD**, Scheffler RM. *Health Insurance Premium Rate Review: Case Studies to Inform California*. Berkeley, CA: California Program on Access to Care, 2012.
4. Borowitz M, Scheffler RM, **Fulton BD**. Improving value for money in health by paying for performance. *OECD Health Policy Studies: Value for Money in Health Spending*; Paris: Organisation for Economic Co-operation and Development 2010.
3. **Fulton BD**. Is America ready for the economic impact of Alzheimer's? in Shriver M, Alzheimer's Association, Geiger AT, Morgan O, Meyer K, Skelton K (eds.), *The Shriver Report: A Woman's Nation Takes on Alzheimer's*. Chicago, IL: Alzheimer's Association, 2010.
2. **Fulton BD**, Scheffler RM. Health care professional shortages and skill-mix options using community health workers: new estimates for 2015. In Moore JM, Dal Poz MR, Perfilieva G, Jaccard-Ruedin H, Doan BDH (eds.). *The Performance of a National Health Workforce*. Paris: Centre de Sociologie et de Demographie Medicales, 2010.
1. Wasserman J, Asch S, Bamezai A, Wynn B, Ringel J, **Fulton B**, Newberry S, Washington G. *Financing the Health Services 'Safety Net' in Los Angeles County*, Woodland Hills, Calif: California Endowment, 2004.

G. Conference, Symposia and Public Policy Presentations

Fulton BD. “Health Expenditure Forecasts and Provider Concentration Trends in California”. State Strategy Meeting on Extending the Gains of the ACA in California, Los Angeles, California, July 2017.

Fulton BD. “Analysis of Healthcare Market Concentration Trends in the United States from 2010 to 2016”. New York University Conference: Impact of Healthcare Market Concentration on Healthcare Prices & Premiums—What Can & Should be Done. New York, New York, April 2017.

Fulton BD. “Healthcare Market Concentration Trends in the United States from 2010 to 2016 and Their Impact on ACA Exchange Premiums”. Health Services Research Colloquium. University of California, Berkeley, March 2017.

Ivey SL, **Fulton BD.** “Right Care Initiative Triangle of Promising Evidence-Based Interventions for Better Outcomes used in University of Best Practices; and Econometric Analysis of Right Care Initiative’s University of Best Practices on Emergency Department and Hospitalization Rates for Heart Attacks and Strokes.” California Right Care Initiative Annual Summit. Sacramento, California, November 2016.

Fulton BD, Scheffler RM, Arnold DR. “Testimony Regarding Anthem, Inc.’s Proposed Acquisition of Cigna Corporation.” California Department of Insurance, San Francisco, California, March 2016.

Scheffler RM, **Fulton BD.** “Testimony Regarding Centene Corporation’s Proposed Acquisition of Health Net, Inc.” California Department of Insurance, Sacramento, California, January 2016.

Scheffler RM, **Fulton BD,** Hollingshead A, Karaca-Mandic P. “Is Rate Review the Answer to Lower Health Insurance Premiums?” Webinar. AcademyHealth and Robert Wood Johnson Foundation’s Changes in Health Care Financing and Organization, November 2015.

Fulton BD. “Impact Analysis of California Right Care Initiative’s University of Best Practices on Hospitalization Rates for Acute Myocardial Infarctions and Strokes in San Diego County.” California Right Care Initiative Annual Summit. University of California, Berkeley, November 2015.

Fulton BD, Karaca-Mandic P, Hollingshead A, Scheffler RM. “Association between Health Insurance Premiums and State Health Insurance Rate Review in the Individual Market, 2001-2012.” Poster Presentation, AcademyHealth Annual Research Meeting, June 2014.

Karaca-Mandic P, **Fulton BD,** Hollingshead A, Scheffler RM. “Rate Review Authority and Premiums in the Individual Market: Entering into the Affordable Care Act Era.” Panel Presentation by Karaca-Mandic, American Society of Health Economics (ASHEcon) Biennial Meeting, June 2014.

Fulton BD. “California Accountable Care Organizations: Number, Characteristics and State Regulation” with Vishaal Pegany. Accountable Care Organization Workshop. Nicholas C. Petris Center on Health Care Markets and Consumer Welfare. University of California, Berkeley, April 2014.

Shortell SM, **Fulton BD.** “Implementing Health Care Reform in California Lecture Series: A New Vision for California’s Healthcare System: Integrated Care with Aligned Financial Incentives,” University of California, Berkeley, April 2013.

Fulton BD, Connors C. “Berkeley Forum’s Vision for California’s Healthcare System and Palliative Care Presentation to California HealthCare Foundation Palliative Care Action Community,” San Francisco, CA, April 2013.

Shortell SM, Scheffler RM, Bowers LG, **Fulton BD.** “Berkeley Forum for Improving California’s Healthcare Delivery System presentation to Let’s Get Healthy California Task Forces,” Webinar, February 2013.

Shortell SM, Scheffler RM, **Fulton BD.** “Berkeley Forum Collaboration with California’s State Innovation Model,” Sacramento, CA, February 2013.

Fulton BD. “Provider Pay for Performance in Global Health: Selected Country Case Studies,” with Richard Scheffler. 7th National Pay for Performance Summit, Los Angeles, California, March 2012.

Fulton BD. “Framework to Evaluate Policies to Increase Primary Health Workforce Capacity,” California Health Workforce Development Council, Sacramento, California, April 2011.

Fulton BD. “Estimates of Sub-Saharan Africa Health Care Professional Shortages in 2015: What Can Be Done at What Cost,” 18th Annual Global Health Education Consortium Conference & 7th Annual Western Regional International Health Conference: Transcending Global Health Barriers: Education & Action, University of Washington, April 2009.

Fulton BD. “U.S./Mexico Bi-National Health Insurance,” The Nicholas C. Petris Center Symposium: Health Insurance Reform, University of California, Berkeley, April 2009.

Fulton BD. “Financing Binational Health Insurance” Foro Binacional Salud Para Los Migrantes: Propuestas Hacia La Atención Integral (Binational Forum Health for Migrants: Proposals Towards Comprehensive Care), Mexico City, June 2008.

Fulton BD. “Linkages Between Health Workforce Mix and Health Outcomes” Panel Discussant, Berkeley Global Health Workforce Conference: From Evidence-Based Research to Policy, University of California, Berkeley, April 2008.

Fulton BD. “Reinsurance and Risk Adjustment Programs,” The Nicholas C. Petris Center Symposium: California Health Reform - Progress and Prognosis, University of California, Berkeley, April 2008.

Fulton BD. “Implications of Using Reinsurance Programs to Stabilize the Individual Market” California’s Proposed Health Care Reform: The Legal and Economic Implications, University of California, Berkeley, November 2007.

Fulton BD. “The Market for ADHD Medications in California and Globally,” with Richard Scheffler, The Nicholas C. Petris Center Symposium: Implementing Health Reforms in California, University of California, Berkeley, May 2007.

H. Research Support

Current

Commonwealth Fund. “Impact of Health Care Market Concentration on Insurance Premiums: Evidence from the Health Insurance Marketplaces, Phase 2.” May 1, 2017 to April 30, 2018. \$198,356. Role: investigator and helped write proposal.

Centers for Disease Control and Prevention. Natural Experiments of the Impact of Population-Targeted Health Policies to Prevent Diabetes and its Complications (RFA-DP-15-001). “State Innovation Model Initiative Impacts on Diabetes Prevention and Management.” October 1, 2015 to September 30, 2020. \$2,217,685. Role: investigator and helped write proposal.

California Initiative to Advance Precision Medicine. “Clinical Implementation of Metagenomic Next-Generation Sequencing for Precision Diagnosis of Acute Infectious Diseases” (supplemental). November 1, 2017 to August 31, 2018. \$500,000 (UCB Amount: 50,000). Role: investigator and helped write proposal.

Sandler Foundation and William K. Bowes, Jr. Foundation support for UCSF Center for Next Generation Precision Diagnostics, July 1, 2015 to June 30, 2018. \$2,400,000 (UCB Amount: \$234,000). Role: investigator and helped write proposal.

Past (selected)

Commonwealth Fund. “Impact on Premiums from Health Care Market Concentration from the Affordable Care Act’s Health Insurance Marketplaces.” January 1, 2017 to April 30, 2017. Role: investigator and helped write proposal.

Commonwealth Fund. “Impact on Premiums from Health Care Market Concentration: Evidence from the Affordable Care Act’s Health Insurance Market.” January 1, 2016 to December 31, 2016. Role: investigator and helped write proposal.

California Initiative to Advance Precision Medicine. “Clinical Implementation of Metagenomic Next-Generation Sequencing for Precision Diagnosis of Acute Infectious Diseases.” September 1, 2015 to April 30, 2017. Role: investigator and helped write proposal.

Dr. Jeffrey Thomas Stroke Shield Foundation. “Stroke Prevention in Alameda County: Literature Review and Needs Assessment.” May 1, 2016 to March 30, 2017. Role: investigator and helped write proposal.

California Right Care Initiative. July 1, 2015 to December 31, 2016. Role: investigator.

Office of the Attorney General, State of California. “Accountable Care Organizations and California Healthcare Markets.” September 1, 2013 to August 31, 2015. Role: investigator and helped write proposal.

Berkeley Forum for Improving California’s Healthcare System. January 1, 2012 to December 31, 2014. Funded by various gifts. Role: investigator and helped write research plan.

Robert Wood Johnson Foundation. “Impact of State Rate Review on Health Insurance Premiums.” April 1, 2012 to September 30, 2014. Grant #69906. Role: investigator and helped write proposal.

Robert Wood Johnson Foundation Investigator Award in Health Policy Research. “ADHD Medication in America: Society, Schools, and Public Policy.” February 2009 to February 2014. Grant #65881. Role: investigator and helped write proposal.

Ambulatory Surgery Center Association. “Medicare Cost Savings Tied to Ambulatory Surgery Centers.” October 1, 2012 to January 31, 2013. Role: investigator and helped write proposal.

California Program on Access to Care, School of Public Health, University of California, Berkeley. “Health Insurance Premium Rate Review: Case Studies to Inform California.” February 2011 to April 2012. Role: investigator and helped write proposal.

Programa de Investigacion en Migracion y Salud (PIMSA), a program administered by Health Initiative of the Americas and California Program on Access to Care, both at University of California, Berkeley. November 2008 to August 2009. Role: investigator and helped write proposal.

California Program on Access to Care, University of California, Berkeley. “Technical Assistance for California Governor’s Office: Reinsurance Modeling.” 2008. Role: investigator and helped write proposal.

California Endowment via UCSF Global Health Sciences. “Binational Health Insurance between the U.S. and Mexico.” 2008. Role: investigator and helped write proposal.

I. University Service

- July 2011 to present Associate Director, Nicholas C. Petris Center on Health Care Markets and Consumer Welfare, and Global Center for Health Economics and Policy Research, School of Public Health, University of California, Berkeley
- January 2012 to present Undergraduate Management Committee, School of Public Health
- May 2012 to present Admissions Committee, On-Campus/Online Master of Public Health (OOMPH) Professional Degree Program, School of Public Health
- July 2013 to present Faculty Task Force, California Health Benefits Review Program, University of California Office of the President
- May 2015 to present Faculty Director, Health Policy and Management Concentration, On-Campus/Online Professional Master of Public Health Degree Program, School of Public Health, University of California, Berkeley (May 2015 to Dec 2015 was a planning phase; official appointment began January 2016)

J. Professional Service

Fulton BD, Scheffler RM, Arnold DR. Expert Witness Testimony Regarding Anthem, Inc.'s Proposed Acquisition of Cigna Corporation. California Department of Insurance, March 29, 2016.

Scheffler RM, **Fulton BD**. Expert Witness Testimony Regarding Centene Corporation's Proposed Acquisition of Health Net, Inc. California Department of Insurance, January 22, 2016.

Consultant, The World Bank: "Provider Pay for Performance Programs in Health: Key Factors and Selected Country Case Studies," 2011, with Richard Scheffler and Cheryl Cashin.

Academic lead and a course faculty member: "Human Resources in Health Labor Markets Course" held at the University of California, Berkeley for one week in August 2010. Course attended by 25 professionals and students from 10 countries. Led the effort to design the curriculum with the course faculty, who were from the University of California-Berkeley, University of California-San Francisco, The World Bank, and World Health Organization.

Referee for journals and foundations, including *Health Affairs*, *Human Resources for Health*, *Pediatrics*, *Inquiry*, *PLOS ONE*, and Robert Wood Johnson Foundation.

K. Public Service

Advisor, University Research Corporation (USAID contractor), on developing the request for proposal “Task Shifting for Improvement of Maternal, Newborn and Child Health Services” (RFA #: MNCH2012-001), 2011. Presented “Research on Task Shifting in a Global Context” in Bethesda, Maryland in July 2011.