

TIMOTHY T. BROWN

Berkeley Center for Health Technology
School of Public Health, University of California, Berkeley
50 University Hall, MC7360
Berkeley, California 94720
Telephone: 510-281-5612 Fax: 510-281-5611
E-mail: Timothy.Brown@berkeley.edu
<http://www.BerkeleyHealthTech.org>

CURRENT POSITION

2011 – Present Associate Director for Research, Berkeley Center for Health Technology;
Assistant Adjunct Professor of Health Economics, School of Public Health, University of
California, Berkeley.

PREVIOUS POSITIONS

2008 – 2011 Associate Director for Research and Training, Nicholas C. Petris Center on
Health Care Markets and Consumer Welfare; Assistant Adjunct Professor of Health
Economics, School of Public Health, University of California, Berkeley

2007 – 2008 Associate Director for Research and Training, Nicholas C. Petris Center on
Health Care Markets and Consumer Welfare, School of Public Health, University of
California, Berkeley.

2004 – 2007 Associate Director for Research, Nicholas C. Petris Center on Health Care
Markets and Consumer Welfare, School of Public Health, University of California,
Berkeley.

2003 – 2004 Senior Researcher and Acting Director, Nicholas C. Petris Center on Health Care
Markets and Consumer Welfare, School of Public Health, University of California,
Berkeley.

2002 – 2003 Senior Researcher, Nicholas C. Petris Center on Health Care Markets and
Consumer Welfare, School of Public Health, University of California, Berkeley.

2001 – 2004 Online Facilitator, MBA Program, Indiana Wesleyan University. Taught four
online graduate level courses during this period (two in statistical analysis and two in
advanced managerial economics).

EDUCATION

Ph.D., Health Services and Policy Analysis, Specialization in Economics. University of
California at Berkeley, 1999.

M.A., Economics, California State University, Hayward, 1991.

B.S. (cum laude), Business Administration, Option in Management Information Systems, Option
in Accounting, California State University, Hayward, 1987.

TEACHING

Analytic Methods for Health Policy and Management – School of Public Health, University of California at Berkeley.

Statistical Analysis and Advanced Managerial Economics – MBA Program, Indiana Wesleyan University.

PUBLICATIONS

28. Yoon J, **Brown TT**. Does the Promotion of Community-Level Social Capital Reduce Obesity Risk? *Journal of Socio-Economics* 2011, 40(3): 296-305.
27. Ronconi L, **Brown TT**, Scheffler RM. Social Capital and Self-Rated Health in Argentina. *Health Economics Letters*. 2010 December 8 [Epub ahead of print]. DOI: 10.1002/hecl.1696
26. **Brown TT**, dela Cruz E, Brown SS. The Effect of Dental Care on Cardiovascular Disease Outcomes: An Application of Instrumental Variables in the Presence of Heterogeneity and Self-Selection. *Health Economics* 2010 September 28 [Epub ahead of print]. DOI: 10.1002/hecl.1667
25. Bruckner TA, Yoon J, **Brown TT**, Adams N. Involuntary Civil Commitments after the Implementation of California's Mental Health Services Act. *Psychiatric Services* 2010, 61(10):1006-11.
24. Bruckner TA, Snowden L, Subbaraman M, **Brown TT**. Economic Antecedents of Medicaid-financed Mental Health Services among Youths in California. *International Journal of Mental Health* 2010, 39(2):75-91.
23. Borgonovi F, **Brown TT**. The relationship between social capital, human capital and health. In *Social Capital, Human Capital, and Health. What is the Evidence?* OECD and Centre for Educational Research and Innovation, 2010. (Not refereed publication)
22. Felton M, Cashin C, **Brown TT**. California County Funding Requests for Recovery-Oriented Full Service Partnerships Under the Mental Health Services Act. *Community Mental Health Journal* 2010, 46(5): 441-451.
21. **Brown TT**, Mahoney C, Adams N, Felton M, Pareja C. What Predicts Recovery Orientation in County Departments of Mental Health? A Pilot Study. *Administration and Policy in Mental Health and Mental Health Services Research* 2010, 37(5): 388-398.
20. Miller L, **Brown TT**, Pilon D, Scheffler RM, Davis M. Patterns of Recovery from Severe Mental Illness: A Pilot Study of Outcomes. *Community Mental Health Journal* 2010. 46(2):177-187.
19. Stone S, **Brown TT**, Hinshaw S. ADHD-Related School Compositional Effects: An Exploration. *Teachers College Record* 2010, 112(5):1275-1299.

18. **Brown TT**. Oral Health and the Demand for Dental Care. *Journal of the California Dental Association* 2009, 37(8):537-538. (Not refereed article – introduction to set of refereed articles)
17. **Brown TT**, Goryakin Y, Finlayson TL. The Demand for Dental Care among Adults 65 and Older: The Effect of Functional Limitations. *Journal of the California Dental Association* 2009, 37(8):549-558.
16. **Brown TT**, Fulton B, Finlayson TL, Jahedi S. The Demand for Dental Care and Financial Barriers in Accessing Needed Care among Adults in California. *Journal of the California Dental Association* 2009, 37(8):539-547.
15. **Brown TT**, Goryakin Y. The Oral Health Status of Adults 65 and Older in California: 1995-2006. *Journal of the California Dental Association* 2009, 37(8):571-578.
14. Finlayson TL, **Brown TT**, Fulton B, Jahedi S. Adult oral health status in California, 1995-2006: Prevalence of tooth loss due to disease. *Journal of the California Dental Association* 2009, 37(8):561-570.
13. Fulton BD, Scheffler RM, Hinshaw SP, Levine P, Stone S, **Brown TT**, Modrek S. ADHD Diagnostic Prevalence and Medication Use Variation across U.S. States: An Examination of Health Care Providers and Education Policies. *Psychiatric Services* 2009, 60:1075-1083.
12. **Brown TT**, Liu, JX, Scheffler RM. Does the Under- or Overrepresentation of Minority Physicians across Geographical Areas Affect the Location Decisions of Minority Physicians? *Health Services Research* 2009, 44(4):1290-1308.
11. Scheffler RM, **Brown TT**, Fulton B, Hinshaw S, Stone S, Levine P. Positive Association Between Attention-Deficit/Hyperactivity Disorder Medication Use and Academic Achievement During Elementary School. *Pediatrics* 2009, 123(5):1-7.
10. **Brown TT**. Rational Praying: The Economics of Prayer. *Journal of Socio-Economics* 2009, 38: 37–44.
9. Scheffler RM, **Brown TT**. Social Capital, Economics, and Health: New Evidence. *Health Economics, Policy and Law* 2008, 3:321-331.
8. Scheffler RM, **Brown TT**, Syme L, Kawachi I, Tolstykh I, Iribarren C. Community-Level Social Capital and Recurrence of Acute Coronary Syndrome. *Social Science and Medicine* 2008, 66(7):1603-1613.
7. Schneider JE, Li P, Klepser DG, Peterson NA, **Brown TT**, Scheffler RM. The Effect of Physician and Health Plan Market Concentration on Prices in Commercial Health Insurance Markets. *International Journal of Health Finance and Economics* 2008, 8(1):13-26.

6. Scheffler RM, **Brown TT**, Rice J. The Role of Social Capital in Reducing Non-Specific Psychological Distress: The Importance of Controlling for Omitted Variable Bias. *Social Science and Medicine* 2007, 65(4):842-854.
5. **Brown TT**, Finlayson TL, Scheffler RM. How Do We Measure Shortages of Dental Hygienists and Dental Assistants? Evidence from California: 1997-2005. *Journal of the American Dental Association* 2007, 138:94-100.
4. **Brown TT**, Scheffler RM, Tom S, Schulman K. Does the Market Value Racial and Ethnic Concordance in Physician–Patient Relationships? *Health Services Research* 2007, 42(2):706-726.
3. **Brown TT**, Scheffler RM, Seo S, Reed M. The Empirical Relationship between Community Social Capital and the Demand for Cigarettes. *Health Economics* 2006, 15(11):1159-1172.
2. **Brown TT**, Coffman JM, Quinn B, Scheffler RM, Schwalm D. Do Physicians Always Flee from HMOs? New Results Using Dynamic Panel Estimation Methods. *Health Services Research* 2006, 41(2):357-73.
1. Iribarren C, Tolstykh I, Somkin C, Ackerson LM, **Brown TT**, Scheffler R, Syme L, Kawachi I. Sex and Racial/Ethnic Disparities in Outcomes after Acute Myocardial Infarction: A Cohort Study among Members of a Large Integrated Health Care Delivery System In Northern California. *Archives of Internal Medicine* 2005, 165(18):2105-13.

Submitted/Revise and Resubmit

Brown TT, Chung JJ, Choi S, Felton M, Scheffler RM. The Impact of California’s Full Service Partnership Program on Mental Health Related Emergency Department Visits. *Health Economics Letters*.

Brown TT, Hoverman C, Scheffler RM. Does Community-Level Social Capital Causally Affect Smoking Behavior? An Instrumental Variables Approach. *Social Science & Medicine*.

Brown TT. A Monetary Valuation of Individual Religious Behavior: The Case of Prayer. *Applied Economics*.

Scheffler RM, Felton M, **Brown TT**, Mayberg SW. Innovation in the Public Mental Health Systems: California’s Mental Health Services Act. *Psychiatric Services*.

Brown TT, Pourat N, Chung J, Nicholson, G. The Efficiency and Capacity of Private Practice Dentists in California. *Journal of the California Dental Association*.

Brown TT, Glassman P, Hong J. The Efficiency of Community Clinic Dental Care in California. *Journal of the California Dental Association*.

Brown TT, Hong J, Chung J. The Impact of Additional Private Practice Dentists and Hypothetical Allied Dental Professionals on the Earnings per Hour of Private Practice Dentists. *Journal of the California Dental Association*.

REPORTS

Brown TT, Choi S, Chung JJ. The Impact of Additional Private Practice Dentists and Hypothetical Allied Dental Professionals on the Earnings per Hour of Private Practice Dentists. Petris Report to the California Dental Association Foundation. University of California, Berkeley. April, 2011.

Brown TT, Chung JJ, Choi S. Analysis of Changes in Access to Care and the Probability of Entering a Nursing Home among Recipients of In-Home Supportive Services. Petris Report to the California Department of Social Services. University of California, Berkeley. February 2011.

Brown TT, Chung JJ, Choi S. Analysis of the Association between Changes in the Wages of IHSS Providers and Access to Care for IHSS Recipients. Petris Report to the California Department of Social Services. University of California, Berkeley. February 2011.

Brown TT, Chung JJ, Choi S, Pourat N, Nicholson G, Glassman P. The Capacity of the Dental Care System in California. Petris Report to the California Dental Association Foundation. University of California, Berkeley. May, 2010.

Scheffler RM, Felton MC. **Brown TT**, Chung JJ, Choi S. Evidence on the Effectiveness of Full Service Partnership Programs in California's Public Mental Health System. Petris Report to the California Department of Mental Health. University of California, Berkeley, May, 2010.

Brown TT, Choi S, Chung JJ, Felton MC, Scheffler RM. An Evaluation of the Full Service Partnership Program in the Public Mental Health System in California. Petris Report # 2010-1 to the California Department of Mental Health. A Comparison of Satisfaction, Services Characteristics and Outcomes in the Full Service Partnership Programs Relative to Usual Care. University of California, Berkeley, May, 2010.

Miller LS, Chung JJ, **Brown TT**, Felton MC, Choi S, Scheffler RM. An Evaluation of the Full Service Partnership Program in the Public Mental Health System in California. Petris Report # 2010-2 to the California Department of Mental Health. An Analysis of Transitions across and Stays within Residency Settings for Full Service Partnership Clients. University of California, Berkeley, May, 2010.

Yoon J, Chung JJ, **Brown TT**, Felton MC, Choi S, Scheffler RM. An Evaluation of the Full Service Partnership Program in the Public Mental Health System in California. Petris Report # 2010-3 to the California Department of Mental Health. The Impact of the Full Service Partnership Programs on Independent Living: A Markov Analysis of Residential Transitions. University of California, Berkeley, May, 2010.

Brown TT, Chung JJ, Choi S, Bruckner TA, Felton MC, Scheffler RM. An Evaluation of the Full Service Partnership Program in the Public Mental Health System in California. Petris Report # 2010-4 to the California Department of Mental Health. The Impact of the Mental Health Services Act on Emergency Interventions and Involuntary Hospitalizations. University of California, Berkeley, May, 2010.

Auh E, Ganesh C, **Brown TT**, Choi S, Felton MC, Scheffler RM. An Evaluation of the Full Service Partnership Program in the Public Mental Health System in California. Petris Report # 2010-5 to the California Department of Mental Health. The Employment of Consumers with Serious Mental Illness. University of California, Berkeley, May, 2010.

Brown TT, Felton MC, Choi S, Chung JJ, Scheffler RM. An Evaluation of the Full Service Partnership Program in the Public Mental Health System in California. Petris Report # 2010-6 to the California Department of Mental Health. An Analysis of Characteristics Associated with Choosing Education as a Recovery Goal and Beginning an Educational Program in Full Service Partnerships. University of California, Berkeley, May, 2010.

Finlayson TL, Adams N, Rice J, Felton M, **Brown TT**, Scheffler R. California on the Eve of Mental Health Reform: Baseline report on county mental health departments' structure, financing and expenditures, fiscal year 2003-04: One year prior to the Mental Health Services Act. Petris Center Report, University of California, Berkeley, November 2007.

Brown TT, Finlayson TL, Scheffler RM. An Economic Analysis of the Labor Market for Dental Hygienists and Dental Assistants in California: 1997 – 2005. California Dental Association Foundation, Nicholas C. Petris Center on Health Care Markets and Consumer Welfare Report Series, November, 2005.

Felton M, Hailer L, **Brown TT**, Scheffler RM. Uninsured Californians and Access to Prescription Drugs. Nicholas C. Petris Center on Health Care Markets and Consumer Welfare Report Series, September, 2005.

Eisenberg D, Bellows N, **Brown TT**, Scheffler RM. Measuring Mental Health in California's Counties: What Can We Learn? Nicholas C. Petris Center on Health Care Markets and Consumer Welfare Report Series, January, 2005.

Coffman JM, Quinn B, **Brown TT**, Scheffler RM. Is There a Doctor in the House? An Examination of the Physician Workforce in California Over the Past 25 Years. Nicholas C. Petris Center on Health Care Markets and Consumer Welfare Report Series, June, 2004.

WORKING PAPERS

Yoon J, **Brown TT**. The Effect of Physical Health Shock on the Demand for Mental Health Care.

Brown TT, Chung JJ, Choi S. Do Increases in the Relative Wages of In-Home Supportive Service (IHSS) Providers Reduce Nursing Home Admissions for IHSS Recipients?

Brown TT. The Value of Language Concordance between Patients and Physicians.

Brown TT, Choi S, Chung JJ, Felton M, Scheffler RM. Evaluating Strategies to Improve Functioning in the SMI Population: California's Full Service Partnership Program.

Brown TT. Dental Insurance Coverage among Adults 65 and Older in California.

Brown TT, Goryakin Y. Who Cannot Afford Needed Dental Care in California? Adults Aged 65 and Older.

Brown TT, Jehadi S, Fulton BD, Finlayson TL. Who has Dental Insurance in California?

Brown TT. The Economics of Religious Altruism: The Role of Religious Experience.

Brown TT. Rational Praying: A Note on the Causal Effect of Prayer on Religious/Spiritual Health.

Brown TT. The Labor Supply of Advanced Practice Nurses.

Brown TT, Scheffler RM, Seo S, Kawachi I, Iribarren C. Community Social Capital and Smoking Cessation.

PRESENTATIONS

Rational Praying: A Note on the Causal Effect of Prayer on Religious/Spiritual Health. 2011 Annual Meeting of the Association for the Study of Religion, Economics & Culture. Arlington, Virginia, April 9, 2011.

The Effect of Dental Care on Cardiovascular Disease Outcomes: An Application of Instrumental Variables in the Presence of Heterogeneity and Self-Selection. Dental Public Health Seminar Series. University of California, San Francisco, January 11, 2011.

Comparison of Outcomes between Consumers in Full-Service Partnership Programs and Usual Care in the California Public Mental Health System. Mental Health. Mental Health Services Oversight and Accountability Commission, Sacramento, California, June 24, 2010.

Comparison of Outcomes between Consumers in Full-Service Partnership Programs and Usual Care in the California Public Mental Health System. California Coalition for Mental Health, Sacramento, California, May 25, 2010.

Comparison of Outcomes between Consumers in Full-Service Partnership Programs and Usual Care in the California Public Mental Health System. Partnership for Mental Health, Los Angeles County Department of Mental Health and UCLA Center for the Study of Public Mental Health. Los Angeles, California, May 21, 2010.

The Effect of Dental Care on Cardiovascular Disease Outcomes. Dental Economics Advisory Group. American Dental Association. Chicago, Illinois May 13, 2010.

Using Econometric Analysis when Long-Term Randomized Trials are Unethical: The Case of Dental Care & Cardiovascular Disease Events in Women. AcademyHealth 2009 Annual Research Meeting, San Diego, California, June 29, 2009.

Social Capital and Health: Potential Applications to HIV/AIDS Research. 50 Beale HIV/AIDS Town Hall. Center for AIDS Prevention Studies. University of California, San Francisco. May 15, 2009.

Rational Praying: The Economics of Prayer. Association for the Study of Religion, Economics, and Culture, Eighth Annual Conference, Arlington, Virginia, April 3, 2009.

Community Social Capital, Health Behaviors, and Health Outcomes. Noon Health Policy Seminar Series. Philip R. Lee Institute for Health Policy Studies and Institute for Health & Aging, University of California, San Francisco. November 12, 2008.

Improving Access to Care for California's Adult Immigrants and Their Children: Empirical Analyses, Policy Simulations, and Recommendations. Responding to California's Dental Health Care Crisis. The California Program on Access to Care (CPAC) and the Dental Health Foundation. State Capital, Sacramento, California, June 26, 2008.

A Pilot Study of Recovery at the Village: An Estimate of Potential Outcomes from California's Mental Health Services Act. 2008 Petris Symposium: California Health Care Reform - Progress and Prognosis, University of California at Berkeley, April 18, 2008.

Community Social Capital and Smoking Cessation in California. School of Public Health Spring 2008 Research Symposium, University of California at Berkeley, February 28, 2008.

A Multilevel Model of Social Capital and Mental Health. The Nineteenth NIMH Research Conference on Mental Health Services, Washington D.C., July 24, 2007.

What Do We Know About the Progress of Proposition 63? 2007 Petris Symposium: Implementing Health Reforms in California, University of California at Berkeley, May 4, 2007.

Association and Effect of ADHD Medication on Children's Cognitive Development. The ICMPE Eighth Workshop on Costs and Assessment in Psychiatry: Investing in Mental Health Policy and Economics Research, Venice, Italy. March 9-11, 2007.

Religious Social Capital and the Demand for Religious Activity: An Application of the Grossman Model. International Social Capital Network Workshop, University of California at Berkeley, October 27-28, 2006.

Community Social Capital and Smoking Cessation. American Society of Health Economists, Madison, Wisconsin, August 4, 2006.

Community Social Capital and Smoking Cessation, Sixth European Conference on Health Economics, Budapest, Hungary, July 8, 2006.

The Role of Community Social Capital in Reducing the Prevalence of Serious Mental Illness. Sixth European Conference on Health Economics, Budapest, Hungary, July 8, 2006.

The Impact of the Mental Health Services Act on California's Mental Health System. Panelist. 2006 Petris Symposium: Toward a Health Policy Agenda for All Californians, University of California at Berkeley, April 21, 2006.

Social Capital and Health. Pre-conference Session. Fifth World Congress of the International Health Economics Association, Barcelona, Spain, July 9, 2005.

Theory and Practice of Evaluating the Cost-Effectiveness of Evidence-Based Medicine: Medication Algorithms for Schizophrenia in California. The ICMPE Seventh Workshop on Costs and Assessment in Psychiatry: Financing Mental and Addictive Disorders, Venice, Italy. March 18-20, 2005.

Using CHIS Data: Mental Health Applications. California Health Interview Survey (CHIS): Workshop on Accessing Data from the 2003 and 2001 Surveys, University of California, Berkeley, February 11, 2005.

An Agenda for Change: The Economics of NPs in Health Care. California Association of Nurse Practitioners Business and Technology Conference, Irvine, California, October 2, 2004.

Community Social Capital, Individual Social Capital and Obesity. AcademyHealth 2004 Annual Research Meeting, San Diego, California, June 6, 2004.

The Demand for Child Behavioral Health. 131st Annual Meeting and Exposition, American Public Health Association, San Francisco, California, November 18, 2003.

Social Capital, Social Ties, and Mental Health in the US (revised version). 131st Annual Meeting and Exposition, American Public Health Association, San Francisco, California, November 18, 2003.

Individual Social Capital, Community Social Capital and Mental Health in the US. Fifth International Conference on the Scientific Basis of Health Services, Washington, DC, September 22, 2003.

Social Capital, Social Ties, and Mental Health in the US. Session on Social Capital and Health. Fourth World Congress of the International Health Economics Association, San Francisco, California, June 16, 2003.

RESEARCH SUPPORT

Return on Investment for Public Health Expenditures: A Societal Perspective with Local Applications. \$193,810. Public Health Services and Systems Research. Robert Wood Johnson Foundation. 2010-2012. Principal Investigator.

Analyzing Decreasing the State's Participation in Wages and Benefits for IHSS Provider. \$300,000. California Department of Social Services. 2010. Principal Investigator.

Evaluation of the Impact of Proposed Workforce Models on Dental Income. \$200,000. California Dental Association Foundation. 2009-2010. Principal Investigator.

Service Capacity and Efficiency of California Dental Delivery. \$100,000. California Dental Association Foundation. 2009. Principal Investigator.

Evaluation of the Mental Health Services Act. \$1,000,000. California Department of Mental Health. 2008 – 2009. Project Manager and Health Economist

Forecasting for the Early and Periodic Screening Diagnosis and Treatment Program. \$70,000, California Department of Mental Health, 2008. Principal Investigator.

Evaluation of Forecasting Methods for the Early and Periodic Screening Diagnosis and Treatment Used the California Department of Mental Health. \$50,000 (approximate), California Department of Mental Health, 2008. Principal Investigator.

Oral Health and Access to Care in California among the Elderly. \$160,000. California Dental Association Foundation, 2007 – 2008. Principal Investigator.

Improving Access to Care for Adult Immigrants in California and their Children: Empirical Analyses, Policy Simulations, and Recommendations. California. \$51,033. Program on Access to Care, 2007. Principal Investigator.

Oral Health and Access to Care in California. \$150,023. California Dental Association Foundation, 2006 – 2007. Project Manager and Health Economist.

The Impact of Proposition 63 on the Financing the Delivery of Mental Health Programs in California. California HealthCare Foundation, \$1,057,000, 2005 – 2007. Project Manager and Health Economist.

Applying Policies to Improve Medical Care for Underserved Minority Populations in California: A Study of the Migration Patterns of African-American and Hispanic Physicians. California Program on Access to Care, \$42,000, 2005. Project Manager and Health Economist.

Defining the California Population: Who Needs Assistance Regarding Access to, or Affordability of Prescription Drugs. Pharmaceutical and Research Manufacturers Association Foundation, \$30,000, 2005. Project Manager.

Effects of Social Capital on Smoking: Elasticity & Pathways. Tobacco-Related Disease Research Program, \$99,000, 2005 – 2007. Project Manager and Health Economist.

An Economic and Policy Analysis of ADHD and Psychostimulant Drugs. National Institute of Mental Health, \$869,000, 2004 – 2007. Project Manager and Health Economist.

An Analysis of the Economic Impact of Diversification. Kellogg Foundation, subcontract with Duke University, \$50,000, 2003 – 2004. Project Manager and Health Economist.

Social Capital and Cardiovascular Disease in California. Centers for Disease Control, \$300,000, 2002 – 2004. Project Manager and Health Economist.

FELLOWSHIPS AND AWARDS

Fellowship Grant, University of California at Berkeley, 1994-1995.

Charles Fisch Scholarship, University of California at Berkeley. 1993-1994.

Kaiser Fellowship, University of California at Berkeley, 1993-1994.

Agency for Healthcare Research and Quality. Pre-doctoral Trainee, University of California at Berkeley, 1997-1998.

Recognition and Reward Award, August 2003, School of Public Health, University of California at Berkeley.

JOURNAL REFEREEING

American Journal of Public Health
Community Mental Health Journal
Health Economics
Health Services Research
Journal of the American Dental Association
Journal of Health Economics
Journal of Mental Health Policy and Economics
Social Science & Medicine