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Department of Epidemiology and Public Health
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EDUCATION

| | |
|---|------|
| B.A., University of Michigan, Ann Arbor, MI | 1989 |
| M.S., Harvard School of Public Health, Boston, MA | 1995 |
| Ph.D., Harvard University, Cambridge, MA | 2000 |

PROFESSIONAL EXPERIENCE

Associate Professor, July 2006 to present
Associate Director, Health Management Program, July 2009 to present
Division of Health Policy and Administration
Department of Epidemiology and Public Health
Yale University, New Haven, CT

Assistant Professor, July 2000 to 2006
Acting Director, Health Management Program, July 2005-Jun 2006
Division of Health Policy and Administration
Department of Epidemiology and Public Health
Yale University, New Haven, CT

Research Assistant, June 1996 - September 1997
National Bureau of Economic Research, Cambridge MA

Research Assistant, January 1994 - September 1995
Center for Health Care Financing, Center for Risk Analysis,
Harvard School of Public Health, Cambridge, MA

Research Intern, Summer 1994
Congressional Budget Office, U.S. Congress

FELLOWSHIPS

National Bureau of Economic Research Fellowship on Health and Aging, 1999 - 2000
Brookings Fellowship on Productivity in the Service Sector, 1998 - 1999
National Institute for Mental Health Training Fellowship, 1995 - 1998

PAPERS AND CHAPTERS

1. **Busch, SH** (1997). Carving out Mental Health Benefits to Medicaid Beneficiaries: A Shift to Managed Care. *Administration and Policy in Mental Health* 24(4): 301-322.
2. Frank, RG, **SH Busch** and ER Berndt (1998). Measuring Prices and Quantities of Treatment for Depression. *American Economic Review, Papers and Proceedings* 88(2): 106-111.
3. **Busch, SH**, ER Berndt and RG Frank (2001). Creating Price Indexes for Measuring Productivity in Mental Health Care. *Frontiers in Health Policy Research* 4(6): 1-33.
4. **Busch, SH** (2002). Specialty Health Care, Treatment Patterns and Quality: The Impact of a Mental Health Carve-out on Care for Depression. *Health Services Research* 37(6): 1583-1601.
5. Berndt, ER, A Bir, **SH Busch**, RG Frank, SL Normand (2002). The Medical Treatment of Depression, 1991-1996: Productive Inefficiency, Expected Outcome Variations and Price Indexes. *Journal of Health Economics* 21(3): 373-396.
6. **Busch, SH**, DL Leslie, RA Rosenheck (2004). Benchmarking Quality of Antidepressant Pharmacotherapy: A Comparison of the Department of Veterans Affairs and the Private Sector. *Psychiatric Services* 55(12): 1386-1391.
7. **Busch, SH**, TA Falba, N Duchovny, M Jofre-Bonet, S O'Malley, JL Sindelar (2004). Value to Smokers of Improved Cessation Products: Evidence from a Willingness-to-Pay Survey. *Nicotine and Tobacco Research* 6(4): 631-639.
8. Snyder, A, TA Falba, **SH Busch**, JL Sindelar (2004). Are State Legislatures Responding to Public Opinion When Allocating Funds for Tobacco Control Programs. *Health Promotion Practice* 5(3):35S-45S.
9. **Busch, SH**, SM Horwitz (2004). Access to Mental Health Services: Are Uninsured Children Falling Behind? *Mental Health Services Research* 6(2):109-116.
10. **Busch, SH**, DL Leslie, RA Rosenheck (2004). Measuring Quality of Pharmacotherapy for Depression in a National Health Care System. *Medical Care* 42(6): 532-542.
11. Falba, TA, M Jofre-Bonet, **SH Busch**, N Duchovny, JL Sindelar (2004). Reduction of Quantity Smoked Predicts Future Cessation Among Older Smokers. *Addiction* 99(1): 93-102.
12. Sindelar, JL, N Duchovny, TA Falba, **SH Busch** (2005). If Smoking Increases Absences, Does Quitting Reduce Them? *Tobacco Control* 14(2): 99-105.
13. Falba, TA, and **SH Busch**. (2005). Survival Expectations of the Obese: Is Excess Mortality Reflected in Perceptions? *Obesity Research* 13(4):754-761.
14. **Busch, SH**, M Jofre-Bonet, TA Falba, JL Sindelar (2005). Burning a Hole in the Budget: Tobacco Spending and its Crowd-out of Other Goods. *Applied Health Economics and Policy*

3(4):263-272.

15. **Busch, SH**, N Duchovny (2005). Family Coverage Expansions: Impact on Insurance Coverage and Health Care Utilization of Parents. *Journal of Health Economics* 24(5):876-890.
16. Horwitz, S, **SH Busch**, KM Balestracci, KD Ellingson, G D’Onofrio, LA Degutis, P Crombie, J Rawlings (2005). Intensive Intervention Improves Primary Care Follow-up For Uninsured Emergency Department Patients. *Academic Emergency Medicine* 12(7):647-652.
17. Jofre-Bonet, M, **SH Busch**, TA Falba, JL Sindelar (2005). Poor Mental Health and Smoking: Interactive Impact on Wages. *The Journal of Mental Health Policy and Economics* 8(4):193-203.
18. Ross, JS, EH Bradley, **SH Busch** (2006). Use of Health Care Services by Lower-Income and Higher-Income Uninsured Adults. *JAMA* 295(17): 2027-2036.
19. Wang, H, JL Sindelar, **SH Busch** (2006). The Impact of Tobacco Use on Household expenditure patterns in Rural China. *Social Science and Medicine* 62(6):1414-26.
20. **Busch, SH**, CL Barry, S Vegso, JL Sindelar, MR Cullen (2006). Effects of a Cost Sharing Exemption on Use of Preventive Services at One Large Employer. *Health Affairs* 25(6):1529-1536.
21. Cherlin, E, B Helfand, B Elbel, **SH Busch**, EH Bradley (2006). Cultivating Next Generation Leadership: Preceptors’ Rating of Competencies in Post-Graduate Administrative Residents. *Journal of Health Administration Education* 23(4):351-65.
22. Barry, CL, **SH Busch** (2007). Effects of State Parity Laws on the Family Financial Burden of Children with Mental Health Care Needs. *Health Services Research* 42(3 part 1): 1061–1084.
23. **Busch, SH**, CL Barry (2007). Mental Health Disorders In Childhood: Assessing the Burden On Families. *Health Affairs* 26(4): 1088-1095.
24. Rosenheck, RA, DL Leslie, **SH Busch**, ES Rofman and M Sernyak (2008). Rethinking Antipsychotic Formulary Policy. *Schizophrenia Bulletin* 34(2):375-80, 2008.
25. Bradley, EH, E Cherlin, **SH Busch**, A Epstein, B Helfand, WD White (2008). Adopting a Competency-Based Model: Mapping Curricula and Assessing Student Progress. *Journal of Health Administration Education* 25(1).
26. Becker WC, DA Fiellin, JO Merrill, B Schulman, R Finkelstein, Y Olsen, **SH Busch** (2008). Opioid use disorder in the United States: Insurance status and treatment access. *Drug & Alcohol Dependence* 94(1-3):207-13.
27. D’Onofrio, G, MV Pantalon, LC. Degutis, DA Fiellin, **SH. Busch**, MC Chawarski, PH Owens, PG O’Connor (2008). “Brief Intervention for Hazardous and Harmful Drinkers in the Emergency Department. *Annals of Emergency Medicine* 51(6):742-750.

28. **Busch, SH**, CL Barry (2008). New Evidence on the Effects of State Mental Health Mandates. *Inquiry* 45(3): 308-322.
29. Barry, CL, **SH Busch** (2008). Caring for Children with Mental Disorders: Do State Parity Laws Increase Access to Treatment? *The Journal of Mental Health Policy and Economics* 11(2):57-66.
30. Eselius, LL, PD Cleary, AM Zaslavsky, HA Huskamp, **SH Busch** (2008). Case-Mix Adjustment of Consumer Reports about Managed Behavioral Health Care and Health Plans. *Health Services Research* 43(6): 2014-2032.
31. Barry, CL, MR Cullen, D Galusha, M Slade, **SH Busch** (2008). Who Chooses A Consumer Directed Health Plan? *Health Affairs* 27(6):1671-1679.
32. Barry, CL, M Venkatesh, **SH Busch** (2008). Access to Mental Health Provider Networks: How Many Calls Are Too Many? *Psychiatric Services*, 59(12):1413-1418.
33. **Busch, SH**, ER Vigdor (2009). Are Adults in Poor Health More Likely to Enroll in Public Insurance? *Inquiry*, 45(4):380-394.
34. **Busch, SH**, CL Barry (2009). Pediatric Depression Treatment in the Aftermath of the Black Box Warning: Implications for Prescription Drug Policy. *Health Affairs*, 28(3):724-733.
35. **Busch, SH**, CL Barry. Does private insurance adequately protect families of children with mental health disorders? *Pediatrics*, in press.
36. **Busch, SH**, RG Frank, DL Leslie, RA Rosenheck, A Martin, CL Barry. Antidepressants and Suicide Risk: How Did Specific Information in FDA Safety Warnings Affect Treatment Patterns? *Psychiatric Services*, in press.
37. Howard, DH, **SH Busch**, KE Thorpe. Understanding Recent Increases in Chronic Disease Treatment Rates: More Diseases or More Detection? *Health Economics, Policy and Law*, in press.
38. Barry, CL, **SH Busch**. News Media Coverage of Safety Risks of Pediatric Antidepressant Use, *Pediatrics*, in press.
39. Fletcher. JM, T Andreyeva, **SH Busch**. Assessing the Effect of Changes in Housing Cost on Food Insecurity. *Journal of Children and Poverty*, in press.

Reviews, Chapters, Books

1. Berndt, ER, RG Frank and **SH Busch** (1999). "Price Indexes for the Treatment of Depression" in Jack Triplett, editor, *Measuring the Prices of Medical Treatments*. Washington DC: The Brookings Institution.
2. Berndt, ER, **SH Busch**, RG Frank (2001). "Treatment Price Indexes for Acute Phase Major Depression" in David Cutler and Ernst Berndt, editors, *Medical Care Output and Productivity*. *NBER: Studies in Income and Wealth*, Volume 62. Chicago, Illinois: The University of Chicago Press.

3. Book Review: **Busch, SH**, Medication treatment for ADHD: Controversy Abounds. Book review of “Medicating Children: ADHD and Pediatric Mental Health” *Health Affairs*.

PROFESSIONAL SERVICE

Challenge Grants Panel Review 24 (ZRG1-BBBP-L-58-R). June 2009
Panel reviewer, Academy Health Annual Research Meeting 2009
Member, AHRQ HCRT review panel 2008-2011
Program Committee, Academy Health Annual Research Meeting 2008
Chair, Behavioral Health Abstract Review Committee, Academy Health Annual Meeting 2008
Special Emphasis Panel (ZMH1-ERB-I-01). NIMH, November 2007
Editorial Board, Journal of Health Administration Education 2007-
Scientific Committee, American Society of Health Economists 2005-2008
Advisory Committee, Academy Health, Health Economics Interest Group 2006-2009
Abstract reviewer, Academy Health Annual Meeting 2007
Chair, Poster Abstract Review Committee, Academy Health Annual Meeting 2006
Special Emphasis Panel (ZMH1-ERB-N-05). NIMH-SRV, November 2005
Abstract reviewer, Academy Health Annual Meeting 2005

Referee American Journal of Managed Care, BMC Public Health, Drug and Alcohol Dependence, Archives of General Psychiatry, Harvard Review of Psychiatry, Health Affairs, Health Services Research, Inquiry, Journal of the American Academy of Child and Adolescent Psychiatry, Journal of Clinical Psychiatry, Journal of General Internal Medicine, Journal of Health Economics, Journal of Health Policy, Politics and the Law, The Journal of Mental Health Policy and Economics, Journal of Policy Analysis and Management, Medical Care, Mental Health Services Research, Pediatrics, Psychiatric Services, Southern Economic Journal.

RESEARCH SUPPORT

2009-2013 Expanding Treatment for Opioid Dependence Among the Privately Insured, NIDA (R01), Principal Investigator (Multi-PI with Colleen Barry)

2008-2013 Screening, Brief Intervention, Referral and Treatment, NIDA (R01), Co-investigator

2007-2010 Antidepressant Use and Suicide, NIMH (R01), Principal Investigator

2006-2007 The Effect of State Parity Laws on Children with Mental Health Care Need, Robert Wood Johnson Foundation (HCFO Initiative), Principal Investigator

2007-2009 Consumer Assessment of Health Plan Study II, AHRQ (U18), Investigator

2005-2010 Neurocognitive Development of Children Living in Poverty, NICHD (R01), Co-investigator

- 2005-2010 Emergency Physician-Performed Alcohol Interventions in the Emergency Department, NIAAA (R01), Co-investigator
- 2007-2008 Diffusion of Hospital Strategies to Improve Care for Heart Attacks, The Commonwealth Fund, Co-investigator
- 2007-2008 Assessing the Effect of Increasing Housing Cost on Food Insecurity, USDA Ridge, Co-investigator
- 2005-2008 Medicaid and Public Funding for Buprenorphine Services, Robert Wood Johnson Foundation (SAPRP Initiative), Co-investigator
- 2001-2006 Smokers Who Can't Quit: Translational Research and Policy Analysis Risk Factors, Robert Wood Johnson Foundation, Co-investigator
- 2005-2006 Understanding the Interaction of Smoking and Alcohol Use, TTURC Pilot Project, Principal Investigator
- 2002-2004 Measuring Quality of Care in the VA, VA Connecticut Healthcare System, Principal Investigator – Yale Subcontract
- 2001-2005 Emergency Physician Brief Interventions for Alcohol, NIAAA (R01), Co-investigator
- 2002-2004 Wellness Information Network: Linking Uninsured Emergency Department Patients with a Medical Home, HRSA, Co-investigator
- 2004-2005 Child Enrollment in SSI, Disability Research Institute, Principal Investigator on Yale Subcontract

MEMBER

Academy Health, American Society of Health Economists, International Health Economics Association