

CURRICULUM VITAE

CHRISTINE BUTTORFF

1200 South Hayes Street
Arlington, VA 22202-5050
703.413.1100 x5154
buttorff@rand.org

CURRENT STATUS:

Policy Researcher
RAND Corporation
Economics, Sociology and Statistics

EDUCATION AND TRAINING

1. JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

Department: Health Policy and Management,
Track: Health Economics, Economic Evaluation and Policy
Degree: PhD
Year: 2014

Advisor: Gerard F. Anderson, PhD

2. SANTA CLARA UNIVERSITY, SANTA CLARA, CALIFORNIA

Degree: Bachelor of Science in Political Science, Bachelor of Arts in
Italian Studies
Year: 2001

HONORS

- 2009-2011 Kirschstein - National Research Service Award (NRSA) Fellow,
Agency for HealthCare Quality and Research (AHRQ)
- 2008 Tennessee Associated Press Broadcaster's Association
Staff Award: Best Public Affairs
- 2007 Public Radio News Directors International
First Place: Coverage of the Nashville Mayoral Race

PREVIOUS POSITIONS

- 2002- 2009 Reporter, Nashville Public Radio
- Covered government and politics for a member station of National Public Radio
 - Topics included state policy, local government and policy, elections and health care financing
- 2006-2009 Freelance Reporter, Nashville City Paper
- Covered state policy, local government and policy, elections and health care financing
- 2002-2009 Company Dancer, Nashville Ballet
- Performed numerous soloist and principal roles

PROFESSIONAL MEMBERSHIPS

- AcademyHealth
- ASHE

PEER-REVIEWED PUBLICATIONS

Published

1. Khodyakov D, **Buttorff C**, Xenakis L, Damberg CL and Ridgely MS. Alignment between Objective and Subjective Assessments of Health System Performance: Findings from a Mixed-Methods Study of 24 Health Systems. Forthcoming, *Journal of Healthcare Management*.
2. **Buttorff C**, Xu Y, Joyce G. Variation in generic dispensing rates in Medicare Part D. *Am J Manag Care*. 2020;26(11):e355-e361.
3. **Buttorff C**, Heins SE, Al-Ibrahim H. Comparison of definitions for identifying urgent care centers in health insurance claims. *Health Serv Outcome*. 2020.
4. Ridgely MS, **Buttorff C**, Wolf LJ, et al. The importance of understanding and measuring health system structural, functional, and clinical integration. *Health Serv Res*. 2020;55 Suppl 3:1049-1061; <https://doi.org/10.1111/1475-6773.13582>.
5. Farmer CM, Tanielian T, **Buttorff C**, et al. Integrating Department of Defense and Department of Veterans Affairs Purchased Care: Preliminary Feasibility Assessment. *Rand Health Q*. 2020;9(1):7.

6. Ridgely MS, Timbie J, Duffy E, Wolf L, **Buttorff C**. Consolidation By Any Other Name? the Emergence of Clinically Integrated Networks. *Health Services Research*. 2020;55:114-114.
7. Ridgely MS, Duffy E, Wolf L, Vaiana M, Scanlon D, **Buttorff C**, Leitzell B, Ahluwalia S, Hilton L, Agniel D, Haviland A and Damberg CL. Understanding U.S. Health Systems: Using Mixed Methods to Unpack Organizational Complexity. *eGEMs (Generating Evidence & Methods to improve patient outcomes)*. 2019 7(1): 39, pp. 1–9.
8. **Buttorff C**, Timbie JW, Lavelle TA, Malsberger R, Kress AM, Setodji CM, et al. Do interventions promoting medical homes in FQHCs improve continuity of care for Medicare beneficiaries? *J Public Health (Berl)*. 2019.
9. Khodyakov D, **Buttorff C**, Bouskill K, Armstrong C, Ma S, Taylor EA, et al. Insurers' Perspectives on MA Value-Based Insurance Design Model. *Am J Manag Care*. 2019;25(7):E198-+.
10. Gaskin DJ, Roberts ET, Chan KS, McCleary R, **Buttorff C**, Delarmente BA. No Man is an Island: The Impact of Neighborhood Disadvantage on Mortality. *Int J Env Res Pub He*. 2019;16(7).
11. Timbie JW, Mahmud A, **Buttorff C**, Meza E. Patient-Centered Medical Home Implementation in Indian Health Service Direct Service Facilities. *Rand Health Q*. 2018; 8(2): 2.
12. Wynn BO, **Buttorff C**, Meza E, Taylor EA, Mulcahy AW. Implementing a Drug Formulary for California's Workers' Compensation Program. *Rand Health Q*. 2017;6(3):4.
13. Timbie J, Setodji C, Kress A, Lavelle T, Friedberg M, Mendel P, Chen EK, Weidmer BA, **Buttorff C**, Implementation of Medical Homes in Federally Qualified Health Centers. *New Engl J Med*. 2017;377(3):246-56.
14. **Buttorff C**, Trujillo AJ, Castillo R, Vecino-Ortiz AI, Anderson GF. The impact of practice guidelines on opioid utilization for injured workers. *Am J Ind Med*. 2017;60(12):1023-30.
15. **Buttorff C**, Nowak S, Syme J, Eibner C. Private Health Insurance Exchanges: Early Evidence and Implications for the Future. *Rand Health Q*. 2017;6(2):2.
16. **Buttorff C**. Generic Use Under Changing Co-Payments: Implications for Those With Multiple Chronic Conditions. *Am J Pharm Benefist*. 2017;9(2):55-62.

17. Andersen MS, **Buttorff C**, Alexander C. Impact of Health Insurance Exchange Drug Formularies on Patients' Out-of-Pocket Costs. *American Journal of Pharmacy Benefits*. 2016 Dec; 8(6):-0. 1.
18. Hussey PS, Ringel JS, Ahluwalia S, et al. Resources and Capabilities of the Department of Veterans Affairs to Provide Timely and Accessible Care to Veterans. *Rand Health Q*. 2016;5(4):14.
19. Greenberg MD, Batka C, **Buttorff C**, et al. Authorities and Mechanisms for Purchased Care at the Department of Veterans Affairs. *Rand Health Q*. 2016;5(4):15.
20. Amaya JL, Ruiz F, Trujillo AJ, **Buttorff C**. Identifying barriers to move to better health coverage: preferences for health insurance benefits among the rural poor population in La Guajira, Colombia. *Int J Health Plann Manage*. 2016;31(1):126-138.
21. Schoen C, **Buttorff C**, Andersen M, Davis K. Policy Options To Expand Medicare's Low-Income Provisions To Improve Access And Affordability. *Health Affairs*. 2015 Dec 1;34(12):2086-94.
22. Schoen C, Davis K, **Buttorff C**, Andersen M. Modernizing Medicare's Benefit Design and Low-Income Subsidies to Ensure Access and Affordability. *Issue Brief (Commonw Fund)*. 2015;21:1-13.
23. **Buttorff C**, Trujillo AJ, Diez-Canseco F, Bernabe-Ortiz A, Miranda JJ. Evaluating consumer preferences for healthy eating from Community Kitchens in low-income urban areas: A discrete choice experiment of Comedores Populares in Peru. *Social Science & Medicine*. 2015;140:1–8.
24. Davis K, **Buttorff C**, Leff B, Samus QM, Szanton S, Wolff, JL, Bandeali F. Innovative Care Models Across the Care Continuum for High-Cost Medicare Beneficiaries: Delivery System and Payment Policy Reform to Accelerate Adoption. *American Journal of Managed Care*. 2015 May 1;21(5):e349-56.
25. **Buttorff C**, Andersen MS, Riggs KR, Alexander GC. Comparing Employer-Sponsored And Federal Exchange Plans: Wide Variations In Cost Sharing For Prescription Drugs. *Health Aff [Internet]*. 2015 Mar 1;34(3):467–76.
26. Riggs KR, **Buttorff C**, Alexander GC. Impact of Out-of-Pocket Spending Caps on Financial Burden of those with Group Health Insurance. *J Gen Intern Med*. 2014 Dec 4:1–6.
27. Chan KS, Roberts ET, McCleary R, **Buttorff C**, Gaskin DJ. Community characteristics and mortality: The relative strength of association of

- different community characteristics. *Am J Public Health*. 2014 Sep;104(9):1751-8.
28. Amaya JL, Ruiz F, Trujillo AJ, **Buttorff C**. Identifying barriers to move to better health coverage: preferences for health insurance benefits among the rural poor population in La Guajira, Colombia. *Int J Health Plann Manage*. 2014 Aug 11.
 29. DuGoff EH, Canudas-Romo V, **Buttorff C**, Leff B, Anderson GF. Multiple chronic conditions and life expectancy: a life table analysis. *Med Care*. 2014 Aug; 52(8):688–94.
 30. **Buttorff C**, Trujillo AJ, Ruiz F, Amaya JL. Low rural health insurance take-up in a universal coverage system: perceptions of health insurance among the uninsured in La Guajira, Colombia. *Int J Health Plann Manage*. 2013 Sep.
 31. **Buttorff C**, Tunis SR, Weiner JP. Encouraging value-based insurance designs in state health insurance exchanges. *Am J Manag Care*. 2013 Jul;19(7):593–600.
 32. **Buttorff C**, Hock RS, Weiss HA, Naik S, Araya R, Kirkwood B, Chisholm D, Patel V. Economic evaluation of a task-shifting intervention for common mental disorders in India. *Bull. World Health Organ*. 2012 Nov 1;90(11):813–21.
 33. Zare H, Trujillo AJ, Leidman E, **Buttorff C**. Income elasticity of health expenditures in Iran. *Health Policy Plan*. 2012.
 34. Bridges JFP, Lataille AT, **Buttorff C**, White S, Niparko JK. Consumer preferences for hearing aid attributes: a comparison of rating and conjoint analysis methods. *Trends Amplif*. 2012 Mar;16(1):40–8.
 35. Trujillo A, Ruiz F, Bridges JFP, Amaya JL, **Buttorff C**, Quiroga A. Understanding Consumer Preferences in the Context of Managed Competition: Evidence from a Choice Experiment. *Applied Health Economics and Health Policy*, 2012 Mar 1;10(2):99-111.
 36. Bridges JFP, **Buttorff C**. What outcomes should US policy makers compare in comparative effectiveness research? *Expert Rev Pharmacoecon Outcomes Res*. 2010 Jun;10(3):217–20.

RAND Reports

1. **Buttorff C**, White C, Martineau M, Case SR, and Damberg CL. Increasing Price Transparency in Health Care: Key Themes and Policy Options from a Technical Expert Panel. Santa Monica, CA: RAND Corporation, 2021. https://www.rand.org/pubs/research_reports/RR2645.html.
2. Ridgely MS, Timbie JW, Wolf LJ, Duffy EL, **Buttorff C**, Tom A, Vaiana ME. Consolidation by Any Other Name: The Emergence of Clinically Integrated Networks. Santa Monica, CA: RAND Corporation, 2020. Available online: www.rand.org/t/RR370-1.
3. Eibner C, Khodyakov D, Taylor E, **Buttorff C**, et al. Evaluation Report of the First Three Years (2017-2019) of the Medicare Advantage Value-Based Insurance Design Model Test. PR-4677-CMS. Santa Monica, CA: RAND Corporation, 2020. Available online: <https://innovation.cms.gov/data-and-reports/2020/vbid-yr1-3-evalrpt>.
4. Mulcahy A, Becker K, Cantor J, Ashwood S, Ringel J, Sontag-Padilla L, **Buttorff C**, et al. Medicare's Ground Ambulance Data Collection System: Sampling and Instrument Considerations and Recommendations. CMS Alliance to Modernize Healthcare (The Health FFRDC) A Federally Funded Research and Development Center. Task Order No. HHSM-500-T0052. July 2019. Available online: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AmbulanceFeeSchedule/Downloads/Ground-Ambulance-Data-Collection-System-Sampling-Instrument-Considerations-Recommendations.pdf>.
5. Eibner C, Khodyakov D, Taylor E, **Buttorff C**, Armstrong C, Booth M, Bouskill KE, Cefalu M, Dellva S, Eshete-Roesler B, Kim A, Lai J, Rastegar A, Whaley C. First Annual Evaluation Report of the Medicare Advantage Value-Based Insurance Design Model Test: 2017, Year 1 of the Intervention. Santa Monica, CA: RAND Corporation, 2019. Available online: <https://innovation.cms.gov/Files/reports/vbid-yr1-evalrpt.pdf>.
6. Mendel P, **Buttorff C**, Chen P, Sieck K, Orr P, Qureshi N, Hussey P. Perspectives of Physicians in Small Rural Practices on the Medicare Quality Payment Program. Santa Monica, CA: RAND Corporation, 2019. Available online: <https://aspe.hhs.gov/pdf-report/perspectives-physicians-small-rural-practices-medicare-quality-payment-program>.
7. Farmer CM, Tanielian T, **Buttorff C**, Carter P, Cherney S, Duffy EL, Hosek SD, Jaycox LH, Mahmud A, Pace NM, Skrabala L, and Whaley C. Integrating Department of Defense and Department of Veterans Affairs Purchased Care: Preliminary Feasibility Assessment. Santa Monica, CA:

RAND Corporation, 2018. Available online:
https://www.rand.org/pubs/research_reports/RR2762.html.

8. **Buttorff C**, Carman KG, Eibner C. The Benefits and Drawbacks of Alternative Tax Subsidization Approaches for Health Insurance. Santa Monica, CA: RAND Corporation, 2017. Available online:
https://www.rand.org/pubs/research_reports/RR1961.html.
9. Timbie JW, **Buttorff C**, Kotzias V, Case SR, Mahmud A. Examining the Implementation of the Medicaid Primary Care Payment Increase. Santa Monica, CA: RAND Corporation, 2017. Available online:
https://www.rand.org/pubs/research_reports/RR1802.html.

RECENT LECTURES/PRESENTATIONS

1. The Impact of Recreational Marijuana on Opioid Use, Western Economic Association, 2020.
2. The Development of New Measures of Cannabis Market Exposure: A Case Study in Colorado. Addiction Health Service Research, 2019.
3. The Impact of Recreational Marijuana on Opioid Use: What do Multiple Data Sources Tell Us? Colorado Public Health Association, 2019.
4. Panel Presentation: Assessing Generosity of Marketplace Prescription Drug Coverage, 2014-2015. iHEA, 2015.
5. Panel Presentation: Low rural health insurance take-up in a universal coverage system: perceptions of health insurance among the uninsured in La Guajira, Colombia. iHEA, 2013.

RECENT POSTER PRESENTATIONS

1. Value based insurance design in Medicare Advantage, AcademyHealth, 2019.
2. Development and Validation of Exposure Measures for Medical and Recreational Cannabis in Colorado. AcademyHealth, 2019.
3. A Primer on Tax Credits for the Purchase of Individual Health Insurance. AcademyHealth, 2017.
4. Improving Continuity of Care in FQHCs: Does Achieving NCQA Level 3 Medical Home Recognition Help? AcademyHealth, 2017.
5. Generic Drug Usage Increases over Time in Medicare Part D, but Not Uniformly Across Plans or Therapeutic Classes. AcademyHealth, 2016.

NON-PEER REVIEW PUBLICATIONS

1. Schoen C, Davis K, **Buttorff C**, Andersen M. Modernizing Medicare's Benefit Design and Low-Income Subsidies to Ensure Access and Affordability. Issue brief (Commonwealth Fund). 2015;21:1–13.
2. Davis K, **Buttorff C**, Leff B, Samus Q, Szanton S, Wolff J. For High-Risk Medicare Beneficiaries: Targeting CMMI Demonstrations On Promising Delivery Models. Health Affairs Blog, April 2014. Online: <http://healthaffairs.org/blog/author/davisgroup/>