Jeremy W. Bray

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Summary of Professional Experience

Dr. Jeremy Bray is the Jefferson-Pilot Excellence Professor of Economics in the Bryan School of Business and Economics at UNC Greensboro. He conducts research on the economics of health behaviors, with a primary focus on the economic evaluation of behavioral health and workplace interventions. For more than two decades he has conducted economic evaluations of screening, brief intervention, and referral to treatment (SBIRT) programs and provided policy-relevant evidence supporting their ongoing development and adoption worldwide. He served as a Co-Investigator on the economic evaluation of the Robert Wood Johnson Foundation-funded Cutting Back study, one of the first alcohol screening and brief intervention (SBI) studies in the US. As the PD and PI of the SAMHSA SBIRT Cross-site Evaluation, he led a multidisciplinary team of researchers to evaluate the implementation, costs, outcomes, and impact of SAMHSA's SBIRT grant program. He has also conducted economic evaluations of workplace programs for over 30 years, providing evidence to policymakers and employers that has improved the health and wellbeing of the American workforce. He co-directs the UNCG Workplace Health Network, which is a NIOSH Total Worker Health Affiliate, and is the Economics Lead for the Carolina Center for Healthy Work Design and Worker Well-Being, which is a NIOSH Total Worker *Health*[®] Center of Excellence. Previously, he served as PI of the Data and Methods Coordinating Center for Phase II of the NIH/CDC-funded Work, Family, and Health Network (WFHN), and served as the cross-site evaluation director for the Young Adults in the Workplace (YIW) initiative, funded by SAMHSA's Center for Substance Abuse Prevention. He was the PI on a National Institute on Alcohol Abuse and Alcoholism (NIAAA)-funded study on the costeffectiveness of alcohol screening and brief intervention (SBI) delivered in an employee assistance program (EAP). His publications have been referenced thousands of times and his research has had a profound impact on public health by supporting the resource allocation decisions of federal, state, local, and workplace policymakers, both nationally and internationally.

Education

PhD, Economics, University of North Carolina at Chapel Hill, Chapel Hill, NC, 2000. MA, Applied Economics, University of North Carolina at Greensboro, Greensboro, NC, 1992. BA, Psychology, University of North Carolina at Greensboro, Greensboro, NC, 1989.

Professional Experience

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2019 to date	University of North Carolina at Greensboro, Greensboro, NC <u>Jefferson-Pilot Excellence Professor of Economics</u>
2021 to 2024	University of Edinburgh, Edinburgh, United Kingdom Honorary Professorial Fellow
2020 to 2024	Teesside University, Middlesbrough, United Kingdom Honorary Professor
2017 to 2022	University College Dublin, Dublin, Ireland Visiting Full Professor
2019 to 2021	University of North Carolina at Greensboro, Greensboro, NC Interim Head of the Department of Economics
2013 to 2019	University of North Carolina at Greensboro, Greensboro, NC Professor and Head of the Department of Economics
2012 to 2017	University College Dublin, Dublin, Ireland Adjunct Associate Professor
2012 to 2013	RTI International, Research Triangle Park, NC Senior Fellow in Health Economics
2008 to 2013	University of North Carolina at Chapel Hill, Chapel Hill, NC <u>Fixed-Term Graduate Faculty</u>
2007 to 2013	University of North Carolina at Greensboro, Greensboro, NC Adjunct Associate Professor of Economics
2007 to 2012	RTI International, Research Triangle Park, NC Fellow in Health Economics
2004 to 2008	RTI International, Research Triangle Park, NC Director, Behavioral Health Economics Program
2001 to 2006	Duke University, Durham, NC <u>Visiting Instructor</u>
1992 to 2004	RTI International, Research Triangle Park, NC <u>Economist</u>

Research Funding

- "Addressing Disparities in Home Ownership Exacerbated by the COVID-19 Pandemic" (the North Carolina Policy Collaboratory)—co-Investigator (Bruce Rich, PI;11/01/2022 – 10/31/2025; \$600,000)
- "The economic impact associated with intellectual and developmental disabilities (IDD) in North Carolina" (Arc of Greensboro) —Principal Investigator (10/27/2022 8/31/2023; \$50,000)

- "Carolina Center for Total Worker Health® & Well-Being" (National Institute for Occupational Safety and Health via sub-award from UNC-CH)—co-Investigator and UNCG PI (Laura Linnan, PI; 9/1/2021 8/31/2026; \$81,775)
- "Good Bowls: Empowering Communities to Achieve Good Food Access and Health Equity" (National Institutes of Minority Health and Health Disparities via sub-award from UNC-CH)—co-Investigator (Alice Ammerman, PI; 9/17/2021 5/31/2024; \$74,999)
- "Alcohol Consumption and Related Comorbid Conditions: Health State Utilities for Economic Evaluation" (National Institute on Alcohol Abuse and Alcoholism)—Principal Investigator (9/05/2019-11/30/2022; Competitive revision awarded 9/9/2020; \$669,805)
- "University of North Carolina at Greensboro Support of Tiered Case Management Pilot" (North Carolina Department of Health and Human Services)—Investigator (Christine Murray, PI; 7/1/17-6/30/22; \$1,544,105)
- "Determination of the Incidence and Impact of Alcohol and Drug Use, Misuse, and Abuse in Guilford County" (Guilford County)—co-Principal Investigator (Stephen Sills, PI; 8/1/18-12/31/19; \$77,125)
- "Transforming Workplace Wellness: A Strategic Partnership and National Research Agenda" (UNCG Giant Steps Award)—Principal Investigator (1/10/18-6/30/19; \$25,000)
- "Screening, Brief Intervention, and Referral to Treatment (SBIRT) National Evaluation 3" (Substance Abuse and Mental Health Services Administration via a subcontract with RTI International)—Senior Economic Advisor and UNCG PI (9/8/14-9/29/18; \$200,000)
- "Using Practical Rigor to Evaluate U.S. Military Support Programs" (USDA via a subcontract to the Purdue University Military Family Research Institute) —co-Investigator and UNCG PI (12/18/14-9/30/16; \$75,000)
- "Quality of Life in Opioid Dependence" (National Institute on Drug Abuse via a subcontract with Weil Cornell Medical College)—co-Investigator and UNCG PI (8/1/2013-4/30/16; \$78,352)
- "Work, Family, and Health Network Data and Methodological Coordinating Center Phase 1 and 2" (Eunice Kennedy Shriver National Institute of Child Health and Human Development)—Principal Investigator (7/11/05-11/30/15; \$10M total funding)
- "Connected Health Implementation Centre" (Enterprise Ireland)—Collaborator, Health Economics (Brian Caulfield, University College Dublin, PI; 1/14/13-1/14/14; €763,877 total funding, €50,000 to RTI International)
- "Screening, Brief Intervention, and Referral to Treatment (SBIRT) National Evaluation 1 and 2" (Substance Abuse and Mental Health Services Administration)—Project Director/Principal Investigator (9/29/04-9/14/14; \$13.2M total funding)
- "Workplace Prevention and Early Intervention Transitioning Youth Into the Workplace (YIW) 1 and 2" (Substance Abuse and Mental Health Services Administration)—Cross-Site Evaluation Director (9/30/03-9/1/11; \$3.4M total funding)
- "Alcohol Screening and Brief Intervention in an EAP" (National Institute on Alcohol Abuse and Alcoholism)—Principal Investigator (9/5/04-7/31/10; \$2.4M)

- "Cost-Effectiveness of Alcohol Treatment" (National Institute on Alcohol Abuse and Alcoholism)—Co-Principal Investigator (8/2/00-7/31/08; \$2.7M)
- "Analysis of SAMHSA's Integrated Database" (Substance Abuse and Mental Health Services Administration through a subcontract with Medstat)—RTI Project Director (09/20/01-03/13/07; \$600,000)
- "The Influence of Market Characteristics on Point-of-Purchase Promotions and Sales of Beer: Evidence from Grocery Store Scanner Data" (Robert Wood Johnson Foundation)—Principal Investigator (1/1/05-6/30/06; \$93,596)
- "Medicaid, Medicare, and Managed Care Analysis" (Substance Abuse and Mental Health Services Administration)—Project Director (9/30/99-9/29/04; \$2.6M total funding)
- "Economic Analysis of Screening and Brief Intervention for Risky Alcohol Use in Managed Care Organizations" (Robert Wood Johnson Foundation through a subcontract with the University of Connecticut Health Center)—Co-Principal Investigator (9/1/96-8/31/02; \$900,000)
- "The Cost-Effectiveness of Motivation Enhancement Therapy for Alcohol Dependence" (Center for Substance Abuse Treatment through a subcontract with the University of Connecticut Health Center)—RTI Project Director (5/1/00-9/29/01; \$39,850)

Courses Taught

Undergraduate Courses

Duke University ECON 155 Labor Economics Duke University ECON 141 Applied Econometrics UNCG ECO 390 Health Economics

Graduate Courses

UNCG ECO 630 Introduction to Cost Effectiveness UNCG ECO 721 Empirical Microeconomics

UNCG ECO 735 Labor Economics

UNCG ECO 737 Health Economics

UNCG ECO 763 Applied Econometrics

Dissertation Committees

Chair

- 1. Emefa Surprize Buaka, UNCG Economics, expected 2026
- 2. Md Zubab Moid, UNCG Economics, expected 2025
- 3. Yutong (Thea) Liu, UNCG Economics, expected 2023
- 4. John (Will) Queen, UNCG Economics, 2022
- 5. Nilay Unsal, UNCG Economics, 2018
- 6. Jonathan Norris, UNCG Economics, 2018

Member

1. Carrie Doss, UNCG Nursing, 2022

- 2. Kelsi Hobbs, UNCG Economics, 2021
- 3. Marcia McCall, UNCG Counseling, 2019
- 4. GracieLee Weaver, UNCG Public Health, 2018
- 5. Jesse Hinde, UNC-CH Public Policy, 2017
- 6. Joshua Price, UNCG Economics, 2016
- 7. William Parish, UNCG Economics, 2015
- 8. Matthew Trombley, UNCG Economics, 2014
- 9. Matthew Rabbitt, UNCG Economics, 2014
- 10. Arnie Aldridge, UNC-CH Economics, 2013
- 11. M. Taylor Rhodes, UNCG Economics, 2013
- 12. Brant Morefield, UNCG Economics, 2011

Honors and Awards

Faculty Excellence in Research and Creativity Honoree, UNCG, 2021

All Southern Conference Faculty Award, Southern Conference, 2020/21

Faculty Excellence in Research and Creativity Honoree, UNCG, 2020

Jefferson-Pilot Excellence Professor, UNCG, 2019

Senior Research Excellence Award, Bryan School of Business and Economics, UNCG, 2019

Faculty Excellence in Research and Creativity Honoree, UNCG, 2019

Faculty Excellence in Research and Creativity Honoree, UNCG, 2016

Highly Cited Author Award, RTI, 2011

Highly Published Author Award, RTI, 2011

Highly Published Author Award, RTI, 2009

Outstanding Paper Award, RTI, 2006

Highly Cited Author Award, RTI, 2006

Highly Published Author Award, RTI, 2006

Early Career Author Award, RTI, 2004

Professional Development Award, RTI, 1999

Formby Award for Outstanding Research, Department of Economics, UNCG, 1993

Academic Excellence Award, Bryan School of Business and Economics, UNCG, 1992

Professional Associations

American Economic Association

American Society of Health Economists

International Network on Brief Interventions for Alcohol and Other Drugs

Selected Professional Service

UNCG, Faculty Athletics Representative, 2021 to present

Journal of Studies on Alcohol and Drugs, Field Editor, 2015 to present

Addiction, Associate Editor, 2006 to present

International Network on Brief Interventions for Alcohol and Other Drugs

- President, 2022 to 2025
- Chair, Scientific Committee for the 2022 Conference in Edinburgh, 2022
- Chair, Ad Hoc Committee to Revise the General Statutes, 2020 to 2021
- Member, Coordinating Committee, 2021 to present

- Co-opted member, Coordinating Committee, 2019 to 2021
- Chair, Research Measurement Standardization Special Interest Group, 2015 to 2021 US Agency for Healthcare Research and Quality
 - Ad hoc member, Healthcare Effectiveness and Outcomes Research (HEOR) Study Section, February 2022
 - Member, Healthcare Effectiveness and Outcomes Research (HEOR) Study Section, 2016 to 2021
 - Member, Improving Management of Opioids and Opioid Use Disorder (OUD) in Older Adults (R18) Special Emphasis Panel, May 2020
 - Member, Using Data Analytics to Support Primary Care and Community Interventions to Improve Chronic Disease Prevention and Management and Population Health Special Emphasis Panel, July 2019
 - Member, Screening and Management of Unhealthy Alcohol Use in Primary Care: Dissemination & Implementation of PCOR Evidence Special Emphasis Panel, April 2019

US National Institutes of Health (NIH)

- Co-Chair, National Institute on Drug Abuse Special Emphasis Panel ZDA1 SKP-D (06), HEAL Initiative: Understanding Polysubstance Use and Improving Service Delivery to Address Polysubstance Use, June 2022
- Chair, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) Population Dynamics Centers Research Infrastructure Program (P2C) Review Committee, November 2021
- Member, National Institute on Alcohol Abuse and Alcoholism Special Emphasis Panel ZAA1 DD (05), SARS-CoV-2, COVID-19 and Consequences of Alcohol Use, July 2021
- Member, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Population Dynamics Centers Research Infrastructure Program (P2C) Review Committee, 2018 to 2020
- Member, Coordinating Center applications (RFA-OD-16-005) to the Environmental Influences on Child Health Outcomes (ECHO) Program Review Committee, July 2016
- Chair, NICHD Special Emphasis Panel (SEP) for the Data Sharing and Archiving Centers RFA (RFA-HD-14-015), August 2014
- Ad hoc member, National Institute on Alcohol Abuse and Alcoholism (NIAAA)
 Epidemiology, Prevention and Behavior Research Review Committee AA-2, 2012 to 2014
- Member, NIAAA Clinical, Treatment and Health Services Review Committee AA-3, 2009 to 2013

UK National Institute for Health Research (NIHR)

- Reviewer, Public Health Research Programme funding applications, 2016 to present
- Reviewer, NIHR Journals Library final report submissions, 2017 to present

Other service

 Committee member, Study Steering Committee (SSC), A coproduced mixed method evaluation of the NHS England low calorie diet implementation pilot (NIHR funded clinical trial), 2020 to present

- Chair, Project Management Group, A two-arm parallel group individually randomised Prison Pilot study of a male Remand Alcohol Intervention for Self-efficacy Enhancement: the APPRAISE study (NIHR funded pilot and feasibility study), 2019 to 2022
- Committee member, Trial Steering Committee and Data Monitor and Ethics Committee RISKIT-CJS (NIHR funded clinical trial), 2017 to 2021
- Member, Scientific Advisory Board, Diabetes Literacy Consortium (European Commission funded research project), 2014 to 2015

Selected journal referee service

- Alcohol and Alcoholism
- Journal of Substance Abuse Treatment
- Health and Quality of Life Outcomes
- American Journal of Health Economics
- Journal of the American Medical Association
- Contemporary Economic Policy
- Economics of Education Review
- Evaluation and Program Planning
- Health Economics
- Journal of Health Economics
- Southern Economic Journal
- Value in Health

Peer-Reviewed Journal Articles

Google Scholar citations: 6,946 (2,942 since 2018)

Google Scholar h-index: 39 (27 since 2018) Google Scholar i10-index: 84 (64 since 2018)

Scopus citations: 3,195 Scopus h-index: 27

- 1. Bray, J. W., Thornburg, B. D., Gebreselassie, A. W., LaButte, C. A., Barbosa, C., & Wittenberg, E. (2023). Estimating Joint Health State Utility Algorithms Under Partial Information. *Value in Health*, *26*(5), 742-749. PMCID: PMC10126182.
- 2. Price, J. L., Swann, C. A., & Bray, J. W. (2023). Substance use and participation in Temporary Assistance for Needy Families: the role of unobserved heterogeneity. *Journal of Substance Use*, 28(2), 259-265.
- 3. Wittenberg, E., Labutte, C., Thornburg, B., Gebreselassie, A., Barbosa, C., & Bray, J. W. (2022). Alcohol consumption and health-related quality of life in the US during the COVID-19 pandemic: a US national survey. *Journal of Patient-Reported Outcomes*, *6*(1), 106. PMC1D: PMC9550307.
- 4. Andersen, M. S., Lorenz, V., Pant, A., Bray, J. W., & Alexander, G. C. (2022). Association of opioid utilization management with prescribing and overdose. *The American Journal of Managed Care*, 28(2), e63–e68. https://doi.org/10.37765/ajmc.2022.88829.

- 5. Thornburg, B., Bray, J. W., & Wittenberg, E. (2022). Health Utility of Drinkers' Family Members: A Secondary Analysis of a US Population Data Set. *MDM Policy & Practice*, 7(2). PCID: PMC9520150.
- 6. McCall, M. H., Wester, K. L., Bray, J. W., Hanchate, A. D., Veach, L. J., Smart, B. D., & Morris, C. W. (2022). SBIRT administered by mental health counselors for hospitalized adults with substance misuse or disordered use: Evaluating hospital utilization and costs. *Journal of Substance Abuse Treatment*, *132*, 108510. PMID: 34098211
- 7. Holloway, A., Guthrie, V., Waller, G., Smith, J., Boyd, J., Mercado, S., ... & Newbury-Birch, D. (2021). A two-arm parallel-group individually randomised prison pilot study of a male remand alcohol intervention for self-efficacy enhancement: the APPRAISE study protocol. *BMJ Open*, 11(4), e040636.
- 8. Shorter, G. W., Bray, J. W., Heather, N., Berman, A. H., Giles, E. L., Clarke, M., ... & Newbury-Birch, D. (2021). The "outcome reporting in brief intervention trials: Alcohol" (ORBITAL) core outcome set: International consensus on outcomes to measure in efficacy and effectiveness trials of alcohol brief interventions. *Journal of Studies on Alcohol and Drugs*, 82(5), 638-646.
- 9. van Hasselt, M., Bollinger, C., & Bray, J.W. (2021). A Bayesian approach to account for misclassification in prevalence and trend estimation. *Journal of Applied Econometrics*. https://doi.org/10.1002/jae.2879.
- 10. Ünsal, N., Weaver, G., Bray, J., & Bibeau, D. (2021). A Scoping Review of Economic Evaluations of Workplace Wellness Programs. *Public Health Reports*, *136*(6), 671–684. https://doi.org/10.1177/0033354920976557.
- 11. Wittenberg, E., Barbosa, C., Hein, R., Hudson, E., Thornburg, B., & Bray, J. W. (2021). Health-related quality of life of alcohol use disorder with co-occurring conditions in the US population. *Drug and Alcohol Dependence*, 221, 108558. https://doi.org/10.1016/j.drugalcdep.2021.108558. PMCID: PMC8026697.
- 12. Barbosa, C., Bray, J., Dowd, W., Barnosky, A., & Wittenberg, E. (2021). SF-6D utility scores for alcohol use disorder status and alcohol consumption risk levels in the US population. *Addiction*, *116*(*5*), *1034-1042*. doi: 10.1111/add.15224. PMID: 33448504. PMCID: PMC7882636.
- 13. Barbosa, C., McKnight-Eily, L. R., Grosse, S. D., & Bray, J.W. (2020). Alcohol screening and brief intervention in emergency departments: Review of the impact on healthcare costs and utilization. *Journal of Substance Abuse Treatment*. 117, 108096. PMID: 32811624 DOI: 10.1016/j.jsat.2020.108096.
- 14. Shen, N.T., Bray, J., Wahid, N.A., Raver, M., Hutchison, N., Brown, R.S., & Schackman, B.R. (2020). Evaluation of alcohol taxes as a public health opportunity to reduce liver transplant listings for alcohol-related liver disease. *Alcoholism: Clinical and Experimental Research*, 44(11), 2307-2315.
- 15. Ünsal, N., Weaver, G., Bray, J. W., Bibeau, D., & Saake, G. (2020). Return on investment of workplace wellness: Evidence from a long-term care company. *Workplace Health & Safety*. https://doi.org/10.1177/2165079920953052.

- 16. Weaver, G. M., Bibeau, D. L., Rulison, K., Bray, J., Dudley, W. N., & Unsal, N. (2020). Tracking changes in US organizations' workplace health promotion initiatives: A longitudinal analysis of performance against quality benchmarks. *American Journal of Health Promotion*. 34(2), 142-149. PMID: 31645115.
- 17. Shorter G.W., Bray J.W., Giles E.L., O'Donnell A.J., Berman A.H., Holloway A., Heather N., Barbosa C., Stockdale, K.J., Scott, S.J., Clarke M., & Newbury-Birch D.E. (2019). The variability of outcomes used in efficacy and effectiveness trials of alcohol brief interventions: A systematic review. *Journal of Studies on Alcohol and Drugs*. 80(3), 286-298. PMID: 31250793
- 18. Shorter G.W., Heather N., Bray J.W., Berman A.H., Giles E.L., O'Donnell A.J., Barbosa C., Clarke M., Holloway A., & Newbury-Birch D.E. (2019). Prioritization of outcomes in efficacy and effectiveness alcohol brief intervention trials: International multi-stakeholder e-Delphi consensus study to inform a core outcome set. *Journal of Studies on Alcohol and Drugs*. 80(3), 299-309. PMID: 31250794.
- 19. Weaver, G. M., Bibeau, D. L., Bray, J. W., Dudley, W. N., & Rulison, K. L. (2019). Association between the characteristics of organizations and their profile of performance against quality benchmarks for workplace health promotion. *Journal of Occupational and Environmental Medicine*. 61(5), 424-430. PMID: 30870394.
- 20. Kossek, E.E., Thompson, R.J., Lawson, K.M., Bodner, T., Perrigino, M., Hammer, L.B., Buxton, O.M., Almeida, D.M., Moen, P., Hurtado, D., Wipfli, B., Berkman, L.F., & Bray, J.W. (2019). Caring for the elderly at work and home: Can a randomized organizational intervention improve psychological health? *Journal of Occupational Health Psychology*. 24(1), 36-54. PMCID: PMC5991990.
- 21. Bray, J. W., Hinde, J. M., & Aldridge, A. P. (2018). Alcohol use and the wage returns to education and work experience. *Health Economics*, 27(2), e87-e100. PMID: 28833856.
- 22. Bray, J.W., Hinde, J.M., Kaiser, D.J., Mills, M.J., Karuntzos, G.T., Genadek, K.R., Kelly, E.L., Kossek, E.E., & Hurtado, D.A. (2018). Effects of a flexibility/support intervention on work performance: Evidence from the Work, Family, and Health Network. *American Journal of Health Promotion*, 32(4), 963-970. PMCID: PMC6719311.
- 23. DePasquale, N., Polenick, C. A., Hinde, J., Bray, J. W., Zarit, S. H., Moen, P., ... & Almeida, D. M. (2018). Health behavior among men with multiple family roles: The moderating effects of perceived partner relationship quality. *American Journal of Men's Health*, 12(6), 2006-2017. PMCID: PMC5253342.
- 24. Trombley, M. J., Bray, J. W., Hinde, J. M., Buxton, O. M., & Johnson, R. C. (2018). Investigating the negative relationship between wages and obesity: New evidence from the Work, Family, and Health Network. *Nordic Journal of Health Economics*.
- 25. Williams, J. A., Buxton, O., Hinde, J., Bray, J., & Berkman, L. (2018). Psychosocial workplace factors and healthcare utilization: a study of two employers. *International Journal of Health Policy and Management*, 7(7), 614.

- 26. Dowd, W.N., Cowell, A.J., Regan, D., Moran, K., Slevin, P., Doyle, G., & Bray, J.W. (2017). An exploratory cost-effectiveness analysis of the connected health intervention to improve care for people with dementia: A simulation analysis. *Health Services and Outcomes Research Methodology*. 18 (1), 47-62.
- 27. Aldridge, A. P., Linford, R., & Bray, J. W. (2017). Substance use outcomes of patients served by a large US implementation of Screening, Brief Intervention and Referral to Treatment (SBIRT). *Addiction*. *112*(*S2*): 43-53.
- 28. Aldridge, A. P., Dowd, W., & Bray, J. W. (2017). The relative impact of brief treatment vs. brief intervention in primary health care screening programs for substance use disorders. *Addiction*. 112(S2): 54-64.
- 29. Andersen, M. S., Bray, J. W., & Link, A. N. (2017). On the failure of scientific research: an analysis of SBIR projects funded by the US National Institutes of Health. *Scientometrics*, 1-12.
- 30. Babor, T. F., Del Boca, F., & Bray, J. W. (2017). Screening, Brief Intervention and Referral to Treatment: implications of SAMHSA's SBIRT initiative for substance abuse policy and practice. *Addiction*, *112*(*S2*), 110–117.
- 31. Barbosa, C., Cowell, A., Dowd, W., Landwehr, J., Aldridge, A., & Bray, J. (2017). The cost-effectiveness of brief intervention versus brief treatment of screening, brief intervention and referral to treatment (SBIRT) in the United States. *Addiction*. 112(S2): 73-81.
- 32. Bray, J. W., Del Boca, F. K., McRee, B. G., Hayashi, S. W., & Babor, T. F. (2017). Screening, Brief Intervention and Referral to Treatment (SBIRT): rationale, program overview and cross-site evaluation. *Addiction*, *112*(*S*2), 3-11. PMID: 28074566.
- 33. Bray, J. W., & Link, A. N. (2017). Dynamic entrepreneurship: On the performance of US research joint ventures. *Small Business Economics*, 1-13.
- 34. Bray, J.W., Aden, B., Eggman, A.A., Hellerstein, L., Wittenberg, E., Nosyk, B., Stribling, J.C., & Schackman, B.R. (2017). Quality of life as an outcome of opioid use disorder treatment: A systematic review. *Journal of Substance Abuse Treatment*, 76, 88-93. PMCID: PMC5402314.
- 35. Cowell A. J., Dowd W. N., Mills M. J., Hinde J. M., & Bray J. W. (2017). Sustaining SBIRT in the wild: Simulating revenues and costs for substance abuse screening, brief intervention, and referral to treatment programs. *Addiction*. *112*(*S2*): 101-109. PMID: 28074564.
- 36. Cowell, A. J., Dowd, W. N., Landwehr, J., Barbosa, C., & Bray, J. W. (2017). A time and motion study of screening, brief intervention, and referral to treatment implementation in health-care settings. *Addiction*. *112*(*S2*): 65-72. PMID: 28074563.
- 37. Dowd, W. N., Bray, J. W., Barbosa, C., Brockwood, K., Kaiser, D. J., Mills, M. J., ... & Wipfli, B. (2017). Cost and return on investment of a work–family intervention in the extended care industry: Evidence from the Work, Family, and Health Network. *Journal of Occupational and Environmental Medicine*, 59(10), 956-965. PMCID: PMC5633508.
- 38. Hinde, J., Bray, J.W., Mallonee, E., & Kaiser, D. (2017). The influence of state-level policy environments on the activation of the Medicaid SBIRT reimbursement codes. *Addiction*. *112*(*S2*): 82-91.

- 39. Moen, P., Kelly, E. L., Oakes, J. M, Lee, S., Bray, J. W., Almeida, D. M., Hammer, L., Hurtado, D., & Buxton, O. (2017). Can a flexibility/support initiative reduce turnover? Results from the Work, Family and Health Study. *Social Problems*, *64*, 53–85.
- 40. Shorter, G. W., Heather, N., Bray, J. W., Giles, E. L., Holloway, A., Barbosa, C., ... & Newbury-Birch, D. (2017). The 'Outcome Reporting in Brief Intervention Trials: Alcohol' (ORBITAL) framework: Protocol to determine a core outcome set for efficacy and effectiveness trials of alcohol screening and brief intervention. *Trials*, *18*(1), 611. PMCID: PMC5741954
- 41. Wittenberg, E., Bray, J. W., Gebremariam, A., Aden, B., Nosyk, B., & Schackman, B. R. (2017). Joint utility estimators in substance use disorders. *Value in Health*, 20(3), 458-465. PMCID: PMC5356490.
- 42. Aldridge, A.P. Zarkin, G.A., Dowd, W., & Bray, J.W. (2016). The relationship between end of treatment alcohol use and subsequent health care costs: Do heavy drinking days predict higher health care costs? *Alcoholism: Clinical and Experimental Research*. 40(5): 1122-1128. PMCID: PMC9536246.
- 43. Barbosa, C., Cowell, A. J., Landwehr, J., Dowd, W., & Bray, J. W. (2016). Cost of screening, brief intervention, and referral to treatment in health care settings. *Journal of Substance Abuse Treatment*. 60: 54-61. PMID: 26160162.
- 44. Bray, J. W., Depro, B., McMahon, D., Siegle, M., & Mobley, L. (2016). Disconnected geography: A spatial analysis of disconnected youth in the united states. *Journal of Labor Research*, 1-26.
- 45. Aden B., Dunning, A., Nosyk, B., Wittenberg, E, Bray, J.W., & Schackman, B.R. (2015). Impact of illicit drug use on health-related quality of life in opioid dependent patients undergoing HIV treatment. *JAIDS: Journal of Acquired Immune Deficiency Syndromes*. 70(3): 304-310. PMCID: PMC4607646.
- 46. Barbosa, C., Bray, J.W., Dowd, W.N., Mills, M.J., Kelly, E.L., Moen, P., & Wipfli, B. (2015). Return on investment of a work-family intervention: Evidence from the Work, Family, and Health Network. *Journal of Occupational and Environmental Medicine*. *57*(9): 943–951. PMID: 26340282.
- 47. Barbosa, C., Cowell, A. J., & Bray, J. W. (2015). The cost-effectiveness of alcohol screening, brief intervention, and referral to treatment (SBIRT) in emergency and outpatient medical settings. *Journal of Substance Abuse Treatment*. 53:1-8.
- 48. Hinde, J.M., Bray, J.W., Aldridge, A. & Zarkin, G.A. (2015). The impact of a mandated trauma center alcohol intervention on readmission and cost per admission in Arizona. *Medical Care*. *53*(7): 639-645. PMID: 26067886.
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Book Chapters, Editorials, Monographs, and Working Papers

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Selected Presentations, Posters, and Proceedings since 2012

- 1. Bray, J.W., Gebreselassie, A., Aldridge, A.P., & Parish, W.J. (2022, November). *Alcohol use and health utility: a Mendelian randomization study*. Southern Economic Association Conference, Fort Lauderdale, FL.
- 2. Bray, J.W., Aldridge, A.P., Barbosa, C., Gebreselassie, A., Labutte, C., Parish, W.J., & Wittenberg, E. (2022, September). *Using health utility to set drinking targets for alcohol brief interventions*. International Network on Brief Interventions for Alcohol and Other Drugs Annual Conference, Edinburgh, Scotland.
- 3. Bray, J.W. (2022, October). *Building the Business Case for Total Worker Health*[®] *Interventions*. 3rd International Symposium to Advance TWH, Bethesda, MD.
- 4. Bray, J.W., Thornburg, B., Gebreselassie, A., Labutte, C., Barbosa, C., & Wittenberg, E. (2021, November). *Joint Health State Algorithms for Alcohol Use Disorder*, Southern Economic Association Conference, Houston, TX.
- 5. Gebreselassie, A., Bray, J.W., Thornburg, B., Labutte, C., Barbosa, C., & Wittenberg, E. (2021, November). *Using Health Related Quality of Life to Inform Alcohol Drinking Guidelines*, Southern Economic Association Conference, Houston, TX.
- 6. Labutte, C., Wittenberg, E., Bray, J.W., Thornburg, B., Gebreselassie, A., & Barbosa, C. (2021, November). *Alcohol Consumption, Health Related Quality of Life, and the COVID-19 Pandemic*, Southern Economic Association Conference, Houston, TX.
- 7. Thornburg, B., Wittenberg, E., Bray, J.W., Gebreselassie, A., Labutte, C., & Barbosa, C. (2021, November). *The Health Utility of Family Members of Problem Drinkers*, Southern Economic Association Conference, Houston, TX.
- 8. Ünsal, N., Bray, J.W., Weaver, G., & van Hasselt, M. (March 2020). Why Do Firms Adopt Workplace Wellness Programs? UCD School of Economics Seminar.
- 9. Ünsal, N., Bray, J.W., Weaver, G., & van Hasselt, M. (2019, November). Why Do Firms Adopt Workplace Wellness Programs? Evidence from Checklist Data, Southern Economic Association Conference, Fort Lauderdale, FL.
- 10. Van Hasselt, M., Bray, J. W., & Bollinger, C. R. (2018, November). *Accounting for Misclassification in Trend Estimation*, Southern Economic Association Conference, Washington, DC.

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- 12. Bray, J. W. (2016). Standardizing outcomes of brief interventions: The INEBRIA research measures standardization group. Symposium chair at the 13th Annual Conference of the International Network on Brief Interventions for Alcohol and Other Drugs, Lausanne, Switzerland.
- 13. Wittenberg, E., Bray, J. W., Gebremariam, A., Aden, B., Nosyk, B., & Schackman, B.R. (2016, June). *A comparison of joint state utility estimators using standard gambles for substance use disorder states*. American Society of Health Economists Biennial Conference, Philadelphia, PA.
- 14. Bray, J. W. & Hinde, J. (2016, June). The effect of alcohol use on the wage returns to education. American Society of Health Economists Biennial Conference, Philadelphia, PA.
- 15. Bray, J.W., Karuntzos, G.T., and Hinde, J. (2015, November). *Returns on Investment in Workplace Wellbeing Programs*. Presented at Geary Research Conference: Health at Work in Ireland. University College Dublin, Dublin, Ireland.
- 16. Bray, J.W. (2015, September). *Economics of SBI: Methods and applications*. Conference session moderator at the 12th Annual Conference of the International Network on Brief Interventions for Alcohol and Other Drugs, Atlanta, GA.
- 17. Bray, J.W., Wittenberg, E., and Schackman, B.R. (2015, May). *Quality of Life Outcomes of Co-Occurring Conditions in Prescription and Injection Opioid Dependence*. Presented at the Enhancing Collaborative Research on Addiction (CRAN) Workshop, Rockville, MD.
- 18. Bray, J.W. (2015, March). *Valuing Wellness: The Economic Benefits of Workplace Wellbeing*. Presented at Ireland's National Workplace Wellbeing Day Seminar Working Towards a Healthy Future, Dublin, Ireland.
- 19. Bray, J.W., C. Barbosa, W. Dowd, M. Mills, E. Kelly, P. Moen, B. Wipfli, and R. Olson. (2014, October). *Return on investment of a Work-Family Intervention: Evidence from the Work, Family, and Health Network*. Presented to the faculty of the Geary Institute and the Department of Economics, University College Dublin, Dublin, Ireland.
- 20. Bray, J.W., C. Barbosa, W. Dowd, M. Mills, E. Kelly, P. Moen, B. Wipfli, and R. Olson. (2014, October). *Estimating Return on Investment (ROI) in Workplace Evaluations*. Presented at the 11th European Evaluation Society Biennial Conference, Dublin, Ireland.
- 21. Bray, J.W. (2014, June). *Mixed methods for the direct assessment of intervention costs*. Presented at the 15th Biennial European Meeting of the Society for Medical Decision Making, Antwerp, Belgium.
- 22. Bray, J.W., D. McMahon, B. Depro, and L. Mobley. (2014, June). *Revisiting the Geography of Lost Opportunity: Where are America's Opportunity Youth?* Presented to the 2014 Annual Census Research Data Center Conference, Suitland, MD.
- 23. Bray, J.W. (2014, May). But What Does That Mean? Understanding Economic Evaluations of Substance Abuse Interventions. Lunch and Learn presented to the White House Office of National Drug Control Policy, Washington, DC.

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- 25. Cowell, A.J., W.N. Dowd, J. Landwehr, & J.W. Bray. (2013). A Time-in-Motion Study of Screening, Brief Intervention, and Referral to Treatment (SBIRT) Implementation in Healthcare Settings. *Addiction Science & Clinical Practice*, 8(Suppl 1), A19.
- 26. Zarkin, G.A., Bray, J.W., Hinde, J.M., & Saitz, R. (2013). Implementation costs of screening and brief intervention for illicit drug use. *Addiction Science & Clinical Practice*, 8(Suppl 1), A88.
- 27. Barbosa, C., A.J. Cowell, J.W. Bray, & A.P. Aldridge. (2012, September). *The Cost-Effectiveness of Alcohol SBI in Emergency and Outpatient Medical Settings*. Presented at 9th Conference of INEBRIA, Barcelona, Spain.
- 28. Bray, J. W., Zarkin, G. A., Hinde, J. M., & Saitz, R. (2012, September). *Implementation Costs of SBI for Illicit Drug Use*. Presented at 9th Conference of INEBRIA, Barcelona, Spain.
- 29. Bray, J. W., Hinde, J. M., Aldridge, A. P., & Zarkin, G. A. (2012, September). *Evaluating the Effect of Requiring Alcohol Screening and Brief Intervention Programs in US Trauma Centers: Cost Evidence from Arizona*. Presented at 9th Conference of INEBRIA, Barcelona, Spain.
- 30. Bray, J. W., McMahon, D., Depro, B. M., & Mobley, L. R. (2012, September). *The Geography of Lost Opportunity: Where are America's Opportunity Youth?* Presented at 2012 Research Data Center Annual Research Conference Federal Reserve Bank of Chicago, Chicago, IL.
- 31. Bray, J. W., Hinde, J. M., & Aldridge, A. P. (2012, June). *The Impact of Requiring US Trauma Centers to Address Alcohol Use: Evidence from Arizona*. Poster presented at 14th International Conference on Emergency Medicine, Dublin, Ireland.