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EDUCATION

- 08/1998-08/2002 B.A. with distinction and high honors in Sociology, Political Science, Communication Studies
University of Kansas, Lawrence, KS
- 09/2002-06/2004 M.Phil. (with distinction and thesis distinction) in Sociology
University of Oxford, Oxford, UK
Thesis title: The Commensurability of Political Contextual Effects and Campaign Activity: A Longitudinal Analysis
(Supervisor: Stephen D. Fisher)
- 08/2005-08/2014 Ph.D. in Sociology (*Minor: Advanced Statistical Methods*)
Indiana University, Bloomington, IN
Dissertation: Trajectories of equality: Fair employment in the US, Great Britain and Canada (Committee: Tim Bartley (co-chair), Clem Brooks (co-chair), Patricia McManus, Ethan Michelson, Youngjoo Cha)

ACADEMIC APPOINTMENTS

- 06/2004-08/2005 Research Associate and Lecturer in Sociology
University of Oxford, Oxford, UK
- 05/2013-05/2014 Research Associate in Quantitative Methods Program
Institute for Social Research
University of Michigan, Ann Arbor, MI
- 02/2014-10/2015 Health Services Researcher Intermediate
VA Center for Clinical Care Management, Ann Arbor, MI
- 05/2014-present Statistician Senior in Division of General Medicine, Department of Internal Medicine
University of Michigan, Ann Arbor, MI

RESEARCH INTERESTS

- Improving uptake of mental health evidence-based practice in community-based practices through development and deployment of tailored, precision implementation strategies
- Using technology to improve delivery and reach of mental health and collaborative care treatment and practice
- Evaluation of health policy initiatives, including value-based purchasing, bundled care payment and public reporting, as they relate to patient outcomes and social determinants of health
- Development, validation and utilization of organizational measures of implementation readiness and change to inform Learning Health Systems models of implementation

GRANTS

Current grants

3R01HS018334 (Renewal): Impact of Disability and Social Determinants of Health on Patients and Hospitals in Value-Based Purchasing for Readmissions, Complications, and Bundled Care in Joint Replacement. Agency for Healthcare Research and Quality (AHRQ) Statistician Senior (Currently 55% effort) (Principal Investigator: McMahon Jr, Laurence F) 10/01/2016-09/30/2020; \$1,575,842

1R01MH 099898: Improving Mental Health Outcomes: Building an Adaptive Implementation Strategy. National Institute of Mental Health (NIMH). Co-Investigator (Currently 20% effort) (Principal Investigator: Kilbourne, Amy M.) 01/15/14 – 12/31/18; \$2,166,745

1R01HL125440-01: Heart Steps: Adaptive mHealth Intervention for Physical Activity Maintenance. National Heart, Lung and Blood Institute (NHLBI) Post-doctoral Researcher (Currently 25% effort) (Principal Investigator: Klasnja, Predrag) 12/01/15 - 11/30/19; \$1,642,145

Submitted grants

Precision implementation: Improving uptake of a mental health collaborative care model in community-based practices NIMH 1K99MH109513-01A1

Principal Investigator
09/2017-08/2022; \$973,450

Improving Student Mental Health: Adaptive Implementation of School-based CBT NIMH 1R01MH114203-01

Co-Investigator with Effort (Principal Investigator: Kilbourne, Amy M.)
07/2017-06/2022; \$3,871,184

Implement-LOTUS: Integrating Implementation Science into LOTUS NHLBI R01 HL137677-01

Co-Investigator with effort (Principal Investigators: Sales, Anne; Gong, Michelle)
07/2017-06/2021; \$2,408,075

Past grants

2R01HS018334: Models of Hospital-acquired Conditions and Readmission: Defining At-risk Patients. Agency for Healthcare Research and Quality (AHRQ)
Statistician Senior (Principal Investigator: McMahon Jr, Laurence F)
09/2013-09/2016. \$1,143,403

HONORS AND AWARDS

National

- 2002 US-UK Fulbright Exchange Scholarship to Oxford University, Oxford, UK
- 2002 Phi Beta Kappa
- 2005, 2006 National Science Foundation Graduate Research Fellowship Honorable Mention
- 2006-2010 Jacob K. Javits Graduate Research Fellowship

Regional

- 1998 Dane G. Hansen Scholarship Winner
- 2001 Rhodes Scholarship Finalist—Midwest
- 2001 Truman Scholarship Finalist—Midwest

Institutional

- 1998-2002 University of Kansas Watkins-Berger Scholarship (Top 50 females in incoming cohort)
- 1999 University Scholar (Top 20 Sophomores university-wide), University of Kansas
- 2000 Nelson Scholarship (Top junior in department; awarded by both Political Science & Communication Studies), University of Kansas
- 2002 Outstanding Graduate, Department of Political Science, University of Kansas
- 2002 Outstanding Graduate, Department of Communication Studies, University of Kansas
- 2003-2004 Overseas Research Student Fellowship, Oxford University
- 2005-2008 Clarendon Bursary for Doctoral Study, Oxford University (declined)

- 2011 Atherton-Bean Fellowship for Research, Department of Sociology, Indiana University
- 2012-2013 Lindesmith-Mullins Fellowship for excellence in research, Department of Sociology, Indiana University

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- 2006-present Member, American Sociological Association (*sections: Mental Health; Medical Sociology; Organizations, Occupations & Work*)
- 2008-2012 Member, Law and Society Association
- 2015-present Member, AcademyHealth
- 2015-present Member, Methodology Center, Penn State University
- 2016-present Member, Society for Implementation Research Collaboration
- 2016-present Member, Society for Behavioral Medicine
- 2016-present Member, Depression Center, University of Michigan

PEER-REVIEW SERVICE

- 2009-present Mobilization
- 2010-present International Journal of Public Opinion Research
- 2011-present International Journal of Social Research Methodology
- 2011-present Sociological Methods and Research
- 2012-present Organizational Studies
- 2012-present SAGE
- 2014-present Elsevier
- 2015-present Implementation Science
- 2016-present International Journal of Behavioral Medicine
- 2016-present Behavior Research Methods
- 2016-present Annals of Behavioral Medicine
- 2016-present Sociological Forum

TEACHING ACTIVITY

- 09/2004-06/2005 Tutor (Instructor), Department of Sociology and New College
Oxford University, Oxford, UK
Tutorials taught: Political Sociology; Sociology of the Family
- 08/2009-12/2012 Associate Instructor, Department of Sociology
Indiana University, Bloomington, IN
Courses taught: Introduction to Statistics; Economy, Organizations & Work
- 07/2012-present Instructor, Inter-University Consortium for Political and Social
Research (ICPSR) Summer Training Program in Advanced Statistics
University of Michigan, Ann Arbor, MI
Courses taught: Categorical Data Analysis (4 weeks)
- 06/2015 Visiting Instructor, Department of Marketing
University of Hamburg, Hamburg, Germany
Courses taught: Categorical Data Analysis (4 days)
- 06/2015-present Instructor, Global School for Empirical Research Methods (GSERM)
University of St. Gallen, St. Gallen, Switzerland and
University of Ljubljana, Ljubljana, Slovenia
Courses taught: Categorical Data Analysis (1 week)
- 05/2016 Instructor, Workshop on Training of Optimization of Behavioral and
Biobehavioral Interventions
Office of Behavioral and Social Science Research (OBSSR) and
National Institute on Drug Abuse (NIDA), North Bethesda, MD

EXTRAMURAL INVITED PRESENTATIONS

1. Structuring transnational fields of governance: Networks, legitimation, and the evolution of ethical sourcing. Carolina Entrepreneurial Initiative (CEI) and Department of Sociology colloquium series, University of North Carolina at Chapel Hill, October 2008.
2. Trajectories of equality: Fair employment in the US, Great Britain and Canada. Department of Sociology, Temple University, November 2013, Philadelphia, PA.
3. Trajectories of equality: Fair employment in the US, Great Britain and Canada. Department of Sociology, Wichita State University, November 2013, Wichita, KS.
4. Dynamical communication methods for mHealth. Methodology Center, Penn State University, April 2016, State College, PA.
5. Precision implementation for mental health collaborative care models: Methods for

developing tailored, adaptive implementation sequences. Penn State Methodology Center Annual Retreat, October 2016, Ann Arbor, MI.

BIBLIOGRAPHY

Peer-Reviewed Journals and Publications

1. Carlin, DB; Morris, E; **Smith, SN**. 2001. "The Influence of Format and Questions on Candidates' Strategic Argument Choices in the 2000 Presidential Debates." *American Behavioral Scientist* 44: 2196-2218.
2. Heath, AF; Fisher, SD; **Smith, SN**. 2005. "The Globalization of Public Opinion Research," *Annual Review of Political Science* 8: 297-333.
3. Fisher, SD; **Smith, SN**. 2005. "United Kingdom (Political Yearbook)," *European Journal of Political Research* 44: 1211-1221.
4. Medina, TR; **Smith, SN**; Long, JS. 2009. "Measurement models matter: Implicit assumptions and cross-national research." *International Journal of Public Opinion Research* 21: 333-361.
5. Heiman, J; Long, JS; **Smith, SN**; Fischer, W; Rosen, RC; Sand, MS. 2011. "Sexual satisfaction and relationship happiness in midlife and older couples in five countries." *Archives of Sexual Behavior* 40: 741-754.
6. **Smith, SN**; Fischer, SD; Heath, AF. 2011. "Opportunities and challenges in the expansion of cross-national survey research." *International Journal of Social Research Methodology* 14: 486-502.
7. Chopra, V.; Fallouh, N; McGuirk, H; Salata, B; Healy, C; Kabaeva, K; **Smith, SN**; Meddings, JA; Flanders, SA. 2015. "Patterns, Risk Factors and Treatment Associated with PICC-DVT in Hospitalized Adults." *Thrombosis Research* 135 (5): 829-834.
8. Chopra, V; **Smith, SN**; Swaminathan, L; Boldenow, T; Kaatz, S; Bernstein, SJ; Flanders, SA. 2016. "Variation in Patterns of Peripherally Inserted Central Catheter Use and Outcomes in Michigan Hospitals." *JAMA Internal Medicine* 176 (4): 548-551.
9. Nahum-Shani, I; **Smith, SN**; Spring, BJ; Collins, LM; Witkiewitz, K; Tewari, A; Murphy, SA. 2016. Just-in-Time Adaptive Interventions (JITAs) in Mobile Health: Key Components and Design Principles for Ongoing Health Behavior Support. *Annals of Behavioral Medicine*, 1-17. (epub ahead of print)
10. **Smith, SN**; Lai, Z; Almirall, D; Goodrich, DE; Abraham, KM; Nord, KM; Kilbourne, AM. 2016. Implementing Effective Policy in a National Mental Health

Reengagement Program for Veterans. *Journal of Nervous and Mental Disorders*. (epub ahead of print)

11. Meddings, JA; Reichert, H; **Smith, SN**; Iwashyna, TJ; Langa, KM; Hofer, TP; McMahon, LF. 2016. The Impact of Disability and Social Determinants of Health on Condition-Specific Readmissions Beyond Medicare Risk-adjustors: A Cohort Study. *Journal of General Internal Medicine*, 1-10. (epub ahead of print)
12. **Smith, SN**; Moreau, N.; Vaughn, VM; Boldenow, T; Kaatz, S; Grant, PJ; Bernstein, SJ; Flanders, SA; Chopra, V. Forthcoming 2017. "Patterns and Predictors of Peripherally Inserted Central Catheter Occlusion: The 3P-O study." *Journal of Vascular and Interventional Radiology*
13. **Smith, SN**; Reichert, H; Ameling, J; Meddings, J. Forthcoming 2017. "Dissecting Leapfrog: How well do Leapfrog hospital ratings correlate with Hospital Compare ratings and penalties?" *Medical Care*

Submitted

1. Meddings, J; Reichert, H; **Smith, SN**; Hofer, T; Rogers, MAM; McMahon, L. "Mixed Messages from Medicare: Hospital Compare Grades versus Value-based Payment Penalty." *Submitted*
2. **Smith, SN**; Greene, MT; Mody, L; Banaszak-Hall, J; Petersen, L.; Meddings, J. "Evaluation of the Association Between Nursing Home Survey on Patient Safety (NHSOPS) Culture Measures and Catheter-Associated Urinary Tract Infections: Results of a National Collaborative." *Submitted*
3. Koschmann, ES; **Smith, SN**; Abelson, JL; Fitzgerald, K; Pasternak, A; Kilbourne, AM. "Implementing Evidence-based Mental Health Practices in Schools: Early Effectiveness and Feasibility Findings." *Submitted*.

Non-Peer Reviewed Publications

1. **Smith, SN**; Heath, AF. 2003. *Migrants, minorities and employment in the United Kingdom (report)*, European Union Monitoring Centre on Racism and Xenophobia.
2. Heath, AF; **Smith, SN**. 2004. "Mobility and ethnic minorities." *New Economy* (now *Public Policy Research*) 10:199-204.
3. **Smith, SN**. 2016. "Identifying and overcoming organizational barriers to serving homeless Veterans." Report for Department of Veterans Affairs Health Services Research and Development (HSR&D).

Book Chapters

1. Heath, AF; **Smith, SN**. 2005. "Varieties of Nationalism in Scotland and England." Pp. 133-152 in *Anglo-Scottish Relations since 1914: A Social Science Review*. London: Proceedings of the British Academy and Oxford University Press.
2. Bartley, T; **Smith, SN**. 2010. "Communities of practice as cause and consequence of transnational governance: The evolution of social and environmental certification." Pp. 347-374 in *Transnational Communities: Shaping Global Economic Governance*, edited by Marie-Laure Djelic and Sigrid Quack. Cambridge: Cambridge University Press.
3. **Smith, SN**; Ponce, A. 2015. "Data Bases and Statistical Systems." *International Encyclopedia of Social and Behavioral Sciences, 2nd Edition* (James Wright, Editor). Oxford: Elsevier Press.
4. **Smith, SN**; Lee, A; Hall, K; Seewald, N; Boruvka, A; Murphy, SA; Klansja, P. 2017. "Design lessons from a micro-randomized pilot study in mobile health." *Mobile Health: Sensors, Analytic Methods, and Applications*, edited by Susan A. Murphy, James M. Rehg & Santosh Kumar. New York: Springer. *In press*.

Books

1. Heath, AF; Cheung, SY; **Smith, SN** (Eds.). 2007. *Unequal Chances: Ethnic Minorities in Western Labour Markets*. Oxford: Oxford University Press.

In Progress

1. **Smith, SN**; Nord, KM; Kyle, J; Almirall, D; Eisenberg, D; Bauer, M; Liebrecht, C; Kilbourne, AM. "Do Implementation Leadership and Implementation Climate Scale scores predict implementation success in community-based practices? Six-month outcomes from a real-world quality improvement initiative." In progress.
2. **Smith, S**. "Implementation as innovation? Personnel professionals and fair employment policy in the U.S., Canada and Great Britain, 1970-2009." In progress.
3. **Smith, SN**; Prenovost, K; Almirall, D; Goodrich, DE; Abraham, KM; Nord, KM; Kilbourne, AM. "Organizational moderators of implementation strategies aimed at encouraging uptake of a reengagement program for persons with serious mental illness: Results from a cluster-randomized trial of adaptive implementation strategies." In progress.
4. **Smith, SN**; Moreau, N.; Vaughn, VM; Boldenow, T; Kaatz, S; Grant, PJ; Bernstein, SJ; Flanders, SA; Chopra, V. "Hospital-level variation in PICC occlusion and organizational predictors." In progress.

5. **Smith, SN**; Nord, KM; Kyle, J; Eisenberg, D; Bauer, M; Liebrecht, C; Kilbourne, AM. "What does the facilitation implementation strategy look like in the real world? Evidence from 49 community-based practices." In progress.

Abstracts

1. Bartley, T; **Smith, SN**. The evolution of transnational fields of governance: A network analytic approach (oral presentation). European Group for Organizational Studies Annual Symposium, Vienna, Austria, 07/2007.
2. Heiman, J; **Smith, SN**; Long, JS. Sexual behavior and satisfaction predictors of couples in five countries: Results from the Kinsey International Survey of Relationships (oral presentation). Congress of the International Society for the Study of Women's Sexual Health, Florence, Italy, 02/2009.
3. **Smith, SN**. The law and equality: Institutions and equal employment legislation in the US, UK and Canada (oral presentation). Law and Society Association Annual Meeting, Denver, CO, 05/2009.
4. **Smith, SN**. Trajectories of equality: The development of equal employment legislation in the US, UK and Canada (oral presentation). American Sociological Association Annual Meeting, San Francisco, CA, 08/2009.
5. Medina, TR; **Smith, SN**; Long, JS. Measurement models matter: Implicit assumptions and cross-national research (oral presentation). American Sociological Association Annual Meeting, San Francisco, CA, 08/2009.
6. **Smith, SN**. Innovating or sufficing? Personnel professionals and fair employment in the US and Great Britain (oral presentation). Law and Society Association Annual Meeting, San Francisco, CA, 06/2011.
7. **Smith, SN**. Contours of inequality: Cross-national minority penalties (oral presentation). American Sociological Association Annual Meeting, Las Vegas, NV, 08/2011.
8. **Smith, SN**. The limits of innovation? Personnel professionals and fair employment in the US, Canada and Great Britain (oral presentation). American Sociological Association Annual Meeting, Denver, CO, 08/2012.
9. Nahum-Shani, I; **Smith, SN**; Murphy, SA. Just-in-Time Adaptive Interventions: A Conceptual Framework (oral presentation). Workshop on Just-in-Time Adaptive Interventions, University of Michigan, Ann Arbor, MI, 08/2013.
10. **Smith, SN**. Mapping 'the field'? Extending work on cross-national fair employment through ego networks (oral presentation). Quantitative Methods Program Methodology Series, Institute for Social Research, University of Michigan, Ann Arbor, MI, 01/2014.

11. Hall, K; **Smith, SN**. Just-in-Time Adaptive Interventions for mobile health (poster presentation). Michigan Student Symposium for Interdisciplinary Statistical Sciences, University of Michigan, Ann Arbor, MI, 03/2014.
12. Hall, K; **Smith, SN**; Paruthi, G; Klasnja, P; Murphy, SA. Dynamical health communications for the 21st century (poster presentation). Society for Behavioral Medicine Annual Meeting, San Antonio, TX, 04/2015.
13. Meddings, JA; Reichert, H; **Smith, SN**; Iwashyna, TJ; Langa, KM; Hofer, T; McMahon, LF. Functional status, social support and wealth impact readmissions for pneumonia and heart failure beyond measures in the current Medicare risk-adjustment method (poster presentation). Society for General Internal Medicine Annual Meeting, Toronto, Canada, 04/2015.
14. Meddings, JA; Reichert, H; **Smith, SN**; Iwashyna, TJ; Langa, KM; Hofer, T; McMahon, LF. Functional status, social support and wealth impact readmissions for pneumonia and heart failure beyond measures in the current Medicare risk-adjustment method (poster presentation). AcademyHealth Annual Research Meeting, Minneapolis, MN, 06/2015.
15. **Smith, SN**. Implementation as innovation? Personnel professionals and fair employment policy in the U.S., Canada and Great Britain, 1970-2009 (oral presentation). American Sociological Association Annual Meeting, Chicago, IL, 08/2015.
16. Meddings, JA; Reichert, H; **Smith, SN**; Iwashyna, TJ; Langa, KM; Hofer, T; McMahon, LF. Functional status, social support and wealth impact readmissions for pneumonia and heart failure beyond measures in the current Medicare risk-adjustment method (poster presentation). International Conference on Health Policy Statistics, 10/2015.
17. Meddings, JA; Reichert, H; **Smith, SN**; McMahon, LF. How do hospital grades publicly displayed on Medicare's Hospital Compare website compare to whether a hospital was penalized for readmissions and hospital-acquired conditions? (poster presentation). AHRQ Research Conference, Crystal City, VA, 10/2015.
18. **Smith, SN**; Lai, Z; Almirall, D; Goodrich, DE; Abraham, KM; Nord, KM; Kilbourne, AM. Organizational culture and climate as predictors of uptake for an outreach program for patients with serious mental illness (poster presentation). Conference on Science of Dissemination and Implementation, Washington, DC, 12/2015.
19. **Smith, SN**; Moreau, N.; Vaughn, VM; Boldenow, T; Kaatz, S; Grant, PJ; Bernstein, SJ; Flanders, SA; Chopra, V. Predictors of occlusion in Peripherally Inserted Central Catheters: Evidence from the Michigan Hospital Safety Consortium (poster

- presentation). Society for Hospital Medicine Annual Meeting, San Diego, CA, 03/2016.
20. Meddings, JA; Reichert, H; **Smith, SN**; Iwashyna, TJ; Langa, KM; Hofer, T; McMahon, LF. Do community-level measures of patient functional status, social support and socioeconomic status affect patient risk of readmission for pneumonia and heart failure? (poster presentation). Society for General Internal Medicine Annual Meeting, Hollywood, FL, 05/2016.
 21. Meddings, JA; Reichert, H; **Smith, SN**; McMahon, LF. How do hospital grades publicly displayed on Medicare's Hospital Compare website compare to whether a hospital was penalized for readmissions and hospital-acquired conditions? (poster presentation) Society for General Internal Medicine Annual Meeting, Hollywood, FL, 05/2016.
 22. **Smith, SN**; Nord, KM; Kyle, J; Eisenberg, D; Almirall, D; Bauer, M; Liebrecht, C; Lai, Z; Kilbourne, AM. Do Implementation Leadership and Implementation Climate Scale scores predict implementation success in community-based practices? Six-month outcomes from a real-world quality improvement initiative (poster presentation). AcademyHealth Annual Research Meeting, Boston, MA, 06/2016.
 23. **Smith, SN**; Reichert, H; Ameling, JA; Meddings; JA. Leaping beyond Leapfrog: How well do Leapfrog hospital ratings correlate with Hospital Compare ratings and penalties? (poster presentation) AcademyHealth Annual Research Meeting, Boston, MA, 06/2016.
 24. **Smith, SN**; Hall, K; Paruthi, G; Newman, M; Murphy, SA; Klasnja, P. Dynamical communication for adaptive mHealth interventions: Evidence from the HeartSteps pilot (poster and oral presentation). IEEE Wireless Health, Bethesda, MD, 10/2016.
 25. **Smith, SN**; Nord, KM; Kyle, J; Eisenberg, D; Almirall, D; Bauer, M; Liebrecht, C; Lai, Z; Kilbourne, AM. Predicting Implementation Success in Community Practices: How Do Baseline Implementation Leadership and Implementation Climate Scales Measure up? (poster presentation) Conference on Science of Dissemination and Implementation, Washington, DC, 12/2016.
 26. Barbaresso, M; Nord, KM; Kyle, J; **Smith, SN**; Lai, Z; Kilbourne, AM. Implementing Mental Health Collaborative Care in Communities: Addressing Social Determinants (poster presentation). Conference on Science of Dissemination and Implementation, Washington, DC, 12/2016.
 27. **Smith, SN**; Nord, KM; Kyle, J; Eisenberg, D; Bauer, M; Liebrecht, C; Kilbourne, AM. What Does Facilitation Look Like in the Real World? Evidence from the ADEPT Study (poster presentation). Conference on Science of Dissemination and Implementation, Washington, DC, 12/2016.

28. Klasnja, P; **Smith, SN**; Lee, A; Hall, K; Seewald, N; Murphy, SA. Effects of contextually-tailored suggestions for physical activity: The HeartSteps micro-randomized trial (*accepted for poster presentation*). Society for Behavioral Medicine Annual Meeting, San Diego, CA, 03/2017.
29. **Smith, SN**; Reichert, HR; Snyder, A; McMahon, L; Meddings, J. Trends in Pressure Ulcers Following Medicare's Value-Based Purchasing Programs Involving Hospital-Acquired Conditions: Evidence from Florida, Washington and New York, 2009-2014 (*submitted*). Society for General Internal Medicine Annual Meeting, Washington, DC, 04/2017.
30. **Smith, SN**; Reichert, HR; Snyder, A; McMahon, L; Meddings, J. Trends in Pressure Ulcers Following Medicare's Value-Based Purchasing Programs Involving Hospital-Acquired Conditions: Evidence from Florida, Washington and New York, 2009-2014 (*submitted*). Academy Health Annual Research Meeting, New Orleans, LA, 06/2017.
31. **Smith, SN**; Nord, KM; Kyle, J; Eisenberg, D; Bauer, M; Liebrecht, C; Kilbourne, AM. Scaling up Facilitation As an Implementation Strategy for a Collaborative Care Model in Community-Based Practices: Evidence from the ADEPT Study (*submitted*). Academy Health Annual Research Meeting, New Orleans, LA, 06/2017.