

Curriculum Vitae: Brady Thomas West, Ph.D.

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Google Scholar: <https://scholar.google.com/citations?user=ovl8o7MAAAAJ&hl=en>

Current h-index: 51

Current i10-index: 129

Current Citations: 13,468

Citizenship: United States Citizen

May 23, 2021

AREAS OF STUDY

Total Survey Error / Total Data Quality, Uses of Survey Paradata and Auxiliary Variables for Survey Estimation and Operations, Interviewer Effects, Multilevel Modeling, Methods for Repairing Nonresponse Error, Adaptive / Responsive Survey Designs, Analysis of Complex Sample Survey Data, Statistical Software, Analysis of Clustered and Longitudinal Data Sets, Applications of Statistics to Sports

EDUCATION

- 2001 **Bachelor of Science (B.S.), Statistics** (with Highest Distinction and Highest Honors), University of Michigan, Ann Arbor, MI.
- 2002 **Master of Arts (M.A.), Applied Statistics** (recognized as Outstanding Applied Masters Student), University of Michigan, Ann Arbor, MI.
- 2011 **Doctor of Philosophy (Ph.D.), Survey Methodology**, University of Michigan, Ann Arbor, MI.

CURRENT EMPLOYMENT

- 2016-Present **Research Associate Professor**, Survey Methodology Program (SMP), Survey Research Center (SRC), Institute for Social Research (ISR), University of Michigan, Ann Arbor, MI.

- 2016-Present **Adjunct Research Associate Professor**, Joint Program in Survey Methodology (JPSM), University of Maryland-College Park, College Park, MD.
- 2012-Present **Adjunct Instructor**, Odum Institute for Research in Social Science, University of North Carolina-Chapel Hill, Chapel Hill, NC.

PREVIOUS EMPLOYMENT

- 2002 **Data Quality and Integrity Intern**, Deloitte and Touche, Detroit, MI.
- 2003-2004 **Computer Systems Consultant II**, Center for Statistical Consultation and Research, University of Michigan, Ann Arbor, MI.
- 2004-2007 **Senior Statistician / Statistical Consultant**, Center for Statistical Consultation and Research, University of Michigan, Ann Arbor, MI.
- 2007-2018 **Statistician Lead**, Consulting for Statistics, Computing, and Analytics Research (CSCAR), University of Michigan, Ann Arbor, MI.
- 2007-2008 **Associate Consultant**, MD Content, Ann Arbor, MI.
- 2008-2011 **Graduate Student Research Assistant**, Survey Methodology Program, Institute for Social Research (50% starting 9/2008).
- 2010-2012 **Associate**, Daves and Associates Research, Minneapolis, MN.
- 2011-2016 **Research Assistant Professor**, Survey Methodology Program (SMP), Survey Research Center (SRC), Institute for Social Research (ISR), University of Michigan, Ann Arbor, MI.
- 2011-2016 **Adjunct Research Assistant Professor**, Joint Program in Survey Methodology (JPSM), University of Maryland-College Park, College Park, MD.

HONORS / AWARDS

- 2002 Outstanding First-Year Applied Masters Student, University of Michigan Department of Statistics
- 2009 Member, Phi Kappa Phi National Honor Fraternity
- 2009 Rackham Travel Award, AAPOR Annual Conference

- 2009 Winner, AAPOR Seymour Sudman Student Paper Competition
- 2009 Winner, Survey Research Methods Section Student Travel Award, Joint Statistical Meetings of the American Statistical Association
- 2010 Rackham Travel Award, AAPOR Annual Conference
- 2010 Winner, JSM Student Paper Competition, Sponsored by the Social Statistics, Government Statistics, and Survey Research Methods Sections of the American Statistical Association
- 2010 Winner, Edward C. Bryant Scholarship for Outstanding Graduate Student in Survey Statistics, American Statistical Association / Westat Corporation
- 2010 Winner, Travel Award, Michigan Program in Survey Methodology
- 2010-2011 Recipient, Harvey G. and Joyce H. Behner Graduate Fellowship, Rackham Graduate School, Michigan Program in Survey Methodology
- 2011 Winner, JSM Student Paper Competition, Sponsored by the Social Statistics, Government Statistics, and Survey Research Methods Sections of the American Statistical Association
- 2011-2012 Recipient, Rackham Predoctoral Fellowship Award, Rackham Graduate School, Michigan Program in Survey Methodology
- 2011 Recipient, Grant Award for Extensions of Dissertation Research in Germany (\$3,000), Charles Cannell Fund in Survey Methodology (contact: Nancy A. Mathiowetz, Committee Chair, nancym2@uwm.edu)
- 2011 Rackham Travel Award, AAPOR Annual Conference
- 2012 Nominated to be Program Chair, Survey Research Methods Section of American Statistical Association
- 2013 Invited to be Editor-in-Chief of *Journal of Official Statistics* (declined)
- 2014 Invited to be Associate Editor for *Journal of the Royal Statistical Society (Series A)* (declined)
- 2014 Nominated to be Associate Chair of the Conference Committee on the AAPOR Executive Council (declined)
- 2016 Elected as Associate Chair of the Education Committee on the AAPOR Executive Council (Chair in 2017-2018)

- 2017 Invited to be Associate Editor for *Journal of Survey Statistics and Methodology* (accepted)
- 2018 Best Poster Award Winner, Survey Research Methods Section, Joint Statistical Meetings, 2018 (Vancouver, British Columbia)
- 2019 Elected as 2021 Program Chair, Survey Research Methods Section of the American Statistical Association
- 2021 Elected as Associate Chair of the Conference Committee on the AAPOR Executive Council
- 2021 Elected as 2022 Chair-Elect of the Survey Research Methods Section of the American Statistical Association

RESEARCH GRANTS - ACTIVE

5 R01 HD095920-03 (Role: PI) 09/01/18-05/31/23 1.00 calendar
Source of Support: NIH/NICHD Total Award Amount: \$3,150,633

A More Efficient Web-Based Approach to Collecting National Family, Fertility and Reproductive Health Data

The goal of this project (known as the American Family Health Study, or AFHS) is to develop an optimal web-based approach to conducting national survey data collections on population health. This new methodology would significantly reduce the costs of collecting health-related data from the general population in representative samples of the entire nation or other large groups. The result will be more evidence on population health to guide both research and practice on high-priority public health topics.

5 R01 AG058599-03 (Role: co-I) 05/01/18-04/30/21 1.00 calendar
Source of Support: NIH/NIA Total Award Amount: \$684,347

Advancing the Science of Responsive Design Using Bayesian Methodology

The U.S. federal government dedicates substantial resources to the annual collection of health survey data that is ultimately used by policy-makers and researchers in the health sciences. Unfortunately, health survey data collection is prone to uncertainty, and survey methodologists have developed new tools that enable survey researchers to 1) track indicators of survey errors and costs during data collection, and 2) introduce mid-stream design changes in response to changes in these indicators. Despite their recent gains in popularity, these tools lack a coherent analytic framework that learns from the data as it is collected; thus, the proposed research aims to develop approaches that take advantage of prior information available from previous study iterations and/or expert opinion to improve the prediction of data collection outcomes.

SES 1825113 (Role: co-I) 09/15/18-08/31/21 (NCTX) 0.23 calendar
Source of Support: NSF Total Award Amount: \$581,571

Collaborative Research: Video Communication Technologies in Survey Data Collection

We plan to systematically examine the effects of video-mediated interviews (i.e. live, two-way communication) and self-administered video recordings of interviewers asking questions in both field and laboratory settings.

5 R01 CA212517-03 (Role: co-I) 06/16/17-05/31/21 0.23 calendar
Source of Support: NIH/NCI Total Award Amount: \$725,843

Health, Stress, and Tobacco Use Disparities among Sexual Minority Populations

This project uses an existing nationally representative dataset to assess the relationships among sexual orientation, discrimination, stress, tobacco/nicotine use behaviors, and DSM-5 tobacco use disorder in the U.S.

1 R01 HD099135-01A1 (Role: co-I) 06/15/20-02/28/25 0.48 calendar
Source of Support: NIH/NICHHD Total Award Amount: \$3,180,313

Intergenerational Influences on Marriage, Contraception and Childbearing

This project is a multi-level intergenerational study of the relationship between parental mental disorders and their children's subsequent experiences of marriage, contraceptive use and childbearing. The results will greatly advance understanding of the individual, family and community factors that influence whether parental mental disorders in childhood have persistent consequences for the long-term family experiences of their children. It will provide the scientific evidence required to design and target more effective interventions to support parents to promote the long-term health and wellbeing of children.

NSF BAA 2020 (Role: co-I) 09/01/20-08/31/2021 0.60 calendar
Source of Support: NSF Total Award Amount: \$204,871

Modernizing NCSES Data Collection Approaches

Our team of survey methodologists and graduate students studying survey methodology will help the National Center for Science and Engineering Statistics (NCSES) modernize their data collection strategies in its role as a clearinghouse for the collection, interpretation, and analysis of data on scientific and engineering resources. Inspired by the Foundations of Evidence-Based Policymaking Act of 2018 and the U.S. Federal Data Strategy, our overall approach is to always first consider available administrative data sources, and to help NCSES use smartphone app technologies and modular survey design principles to design an agile survey instrument that can augment existing administrative (or other) data sources in an efficient and timely fashion with background information, details, and relevant context to interpret the administrative data.

506 D05058 (Michigan PI: West) 06/01/20-01/31/2022 0.20 calendar
Source of Support: Department of Veterans Affairs Total Award Amount: \$15,528

IPA Assignment for Brady West

Dr. West's services shall include consultation and guidance on the refinement of the study survey methodology and design, consultation and guidance on data analyses and interpretation, and manuscript preparation.

59-4000-8-0066 (Michigan PI: West) 09/28/18-09/27/23 0.30 calendar
Source of Support: U.S. Dept. of Agriculture Total Award Amount: \$149,900

Methodological Research on Developing a Fully-Functional Web-Based App to Collect Food Data

This project will identify methodological issues associated with ADCM and propose practical solutions to further improve the efficiency and accuracy of web-based food acquisition data collection while minimizing response burden and non-response at both the unit level and item level. ERS will incorporate the research findings into the Agency's project; developing an efficient and effective web-based App for food data collection.

5 P2C HD041028-18 (Role: co-I, core Director) 02/01/16-06/30/22 1.14 calendar
Source of Support: NIH/NICHD Total Award Amount: \$2,894,076

Michigan Research Infrastructure for Population Sciences

The goal of this project is to enhance the scientific impact, innovation, and productivity of work within PSC's primary research areas. Dr. West will direct the Scientific and Technical Core of this Center Grant.

5 R25 HD084385-05 (Role: co-PI) 09/14/16-05/31/21 1.00 calendar
Source of Support: NIH/NICHD Total Award Amount: \$609,912

Responsive Design for Efficient Survey Data Collection: An Education Program

Survey research is a ubiquitous research methodology used in the social, behavioral, and health sciences to make inferences about specific populations. Unfortunately, many of the investigators conducting research in these fields of study have not benefited from rigorous training in the newest scientific approaches to the collection of survey data, and this lack of exposure to important developments in survey methodology can lead to inefficient data collection practices and reduced data quality. This project will develop and implement an organic research education program that will provide participants with exposure to state-of-the-art developments in survey methodology and practical tools for improving their survey data collection activities.

5 R01 AA025684-03 (Role: co-I) 02/10/18-01/31/21 0.45 calendar
Source of Support: NIH/NIAAA Total Award Amount: \$854,898

Sexual Orientation, Discrimination, and Health Disparities in DSM-5 Alcohol Use Disorder

This project will use existing alcohol epidemiological data to examine relationships among sexual orientation, adverse childhood events, sexual orientation discrimination (individual-level and institutional-level), stress and DSM-5 alcohol use disorders (AUDs). The project will benefit from the unique opportunities afforded by the 2012-2013 NESARC including: a larger nationally representative sample of sexual minority women and men than any other national alcohol study; the inclusion of multiple measures of sexual orientation based on attraction, behavior and identity; and the wealth of data on DSM-5 AUD and other DSM-5 psychiatric disorders. This study will examine the implications of changes from the DSM-IV to DSM-5 for AUDs among sexual minorities. A theory-driven approach will be utilized to assess how childhood

adversity, sexual orientation discrimination, and other stressors contribute to alcohol-related health disparities among sexual minorities.

5 R01 DA031160-08 (Role: co-I) 06/01/19-04/30/22 0.60 calendar
Source of Support: NIH/NIDA Total Direct Costs: \$1,076,400

Trajectories of Nonmedical Prescription Drug Misuse

This competing renewal project will use nationally representative panel survey data from the Monitoring the Future study to assess the longitudinal relationships among trajectories of medical and nonmedical use of prescription medications, functional outcomes and adverse consequences from adolescence (age 18) to middle adulthood (age 50).

R01 AG069016 (Role: co-I) 02/01/21-08/31/25, 0.96 calendar yr 5
Source of Support: NIH Country of Source of Support: USA
Annual Direct Costs: \$616,944 Total Award Amount: \$3,563,764

Dementia and Related Health and Social Challenges in Lebanon: A Population Study

As a result of population aging, many low- and middle-income countries such as Lebanon face a rapidly growing burden of dementia. This proposal represents a collaboration between the American University of Beirut and the University of Michigan to develop a program of research capacity building and a population-based study to identify important new risk factors for dementia in Lebanon as well as the caregiver needs and arrangements for older adults. Findings from this program are expected to have substantial relevance for a better understanding of dementia risks and associated care needs in Lebanon and other low-resource settings around the world.

RESEARCH GRANTS - COMPLETED

- 2002 Consulting Statistician, “A Palliative Care Program That Decreases Caregiver Burden: Analyses of the Robert Wood Johnson (RWJ) Phase III Study Data”, Bruce Brock, PI.
- 2002-2003 Consulting Statistician, UMHS Medical Management Center, “An Evaluation of Partnership Health Medical and Disease Management”, Chris Wise, PI.
- 2002-2005 Consulting Statistician, Walther Cancer Institute, Behavioral Cooperative Oncology Group, “Taking CHARGE: Successful Transitions for Women Completing Their Breast Cancer Treatment”, Bernadine Cimprich, PI.
- 2003 Consulting Statistician, NIH/National Institute for Nursing Research Grant # RO1-04691, “Cognitive-Behavioral Interventions for Reducing Hypertension”, Margaret Scisney-Matlock, PI.

- 2003-2004 Consulting Statistician, American Association of Critical Care Nurses Grant # N004795, "Investigating Predictors of Sudden Cardiac Arrest", Alice Davis, PI.
- 2003-2004 Consulting Statistician, NIMH Grant # K23 MH63880, "Interventions for Increasing Service Utilization and Reducing Depression in New Moms", Heather Flynn, PhD., PI.
- 2004 Consulting Statistician, NIH Grant # NR04855, "Reducing HIV Risk Among Latino Youth", Antonia Villarruel, PI.
- 2004-2008 Consulting Statistician, NIMH Grant # MH067726, "Vascular Depression and Function in Older Latinos", Hector Gonzalez, PI.
- 2005-2007 Co-I, NIH/NIDA Grant # R03 DA019492-01, "Nonmedical Prescription Drug Use among College Students", Sean McCabe, PI.
- 2006-2008 Co-I, NIH/NIDA Grant # R03 DA020899-01, "Epidemiology of Prescription Drug Abuse in the United States", Sean McCabe, PI.
- 2006-2008 Statistical Consulting Service at the University of Michigan-Flint. 20% Effort starting September 2006.
- 2008-2011 Co-I, NIH/NIDA Grant # R21 DA023055, "Sexual Orientation, Substance Use, and Mental Health", Sean McCabe, PI.
- 2012 Survey Statistician, U.S. Census Bureau Contract No. YA1323-09-CQ-0014, "Demographic Surveys and Audio CASI Response Bias Research for Collecting Sensitive Information".
- 2011-2015 Co-I, NIH/NIDA R01 DA031160, "Trajectories of Nonmedical Prescription Drug Misuse", Sean McCabe, PI.

10/1/13-09/30/17

Grant No: 506-D37031 (Role: co-I)

Coverage: 0.56 cal. months

Grantor: Department of Veteran's Affairs

Amount: \$12,347

Title: **Sampling Methodology Expertise for Veteran College Students' Mental Health and Academic Achievement**

Description: The contractor shall be responsible for development of sampling methods and designation of selected institutions meeting criteria for participation. The contractor shall use a multi-stage, probability sampling methodology among two-and-four-year institutions that have more than 50 Veterans and confer degrees or certifications. The complex sampling process is required to select

national-representative institutions for this trial, which is the first rigorous study to address a sample of Veteran and non-Veteran students' educational outcomes, mental health needs, current level of treatment use, treatment preferences, and perceived treatment barriers. The contractor shall be responsible for specific developmental tasks in FY 2013 and 2014, and the regular consultation and manuscript preparation for researchers during FY 2015, 2016, and 2017.

09/01/13-8/31/16

Grant No.: 1-R03-HD-075979-01-A1 (Role: PI)

Coverage: 2.40 cal. months

Grantor: NIH

Amount: \$48,600 (2015)

Title: **Effective Observational Strategies for Health Survey Interviewers**

Description: Survey response rates are declining worldwide, and cost-effective methods are needed for reducing the nonresponse bias in survey estimates that can result. This project will provide evidence of effective strategies that interviewers can use to collect accurate observations on health-related features of both survey respondents and non-respondents, improving nonresponse adjustments of health survey estimates based on the observations.

2013-2015

Grant No.: 200-2009-30907 (Role: Michigan PI)

Coverage: 1.47 cal. months

Grantor: CDC

Amount: \$32,274

Title: **Sampling Weights and Data Analysis for Medical Monitoring Project Provider Survey**

Description: Support for this contract will involve consultation on the process of computing sampling weights for a recent provider survey conducted by Altarum Institute, and assistance with both model-based and design-based analyses of data collected from that survey to answer critical research questions related to the survey.

2015

Grant No.: Nielsen Consulting Services 2015 (Role: Michigan PI)

Coverage: 0.90 cal. months

Grantor: Nielsen, Inc.

Amount: \$102,995

Title: **Consulting Services 2015**

Description: Dr. West will work on a host of research methods testing including design and data analysis within the Research Methods Center of Innovation (RM COI)

09/01/13-08/31/17

Grant No.: SES1324689 (Role: PI)

Coverage: 2.00 cal. months

Grantor: NSF

Amount: \$82,479 (2015)

Title: **Collaborative Research: Decomposing Interviewer Variance in Standardized & Conversational Interviewing**

Description: The proposed research activity aims to compare the interviewer variance bias, and mean squared error (MSE) arising in a variety of survey estimates from these two face-to-face interviewing techniques, and decompose the total interviewer variance introduced by each technique into measurement error variance and nonresponse error variance among interviewers. Doing so requires interpenetrated assignment of sampled cases to professional interviewers in addition to the presence of high quality administrative records, and we propose an original data collection in Germany with these required features to meet the research aims.

09/15/14-08/31/17

Grant No.: NCSE1424081 (Role: PI)

Coverage: 1.20 cal. months

Grantor: NSF

Amount: \$70,523

Title: **Alternative Approaches to the Analysis of Complex Sample Survey Data: Applying State-of-the-Art Methods to NCSES Surveys**

Description: When considering the survey research projects sponsored by the National Center for Science and Engineering Statistics (NCSES), many of the survey data sets collected and subsequently made available for secondary analysis arise from samples with complex designs, and this requires secondary users of these data sets to employ appropriate estimation methods. Unfortunately, many secondary analysts of these data sets do not have formal training in survey statistics, and ultimately apply incorrect analytic methods when analyzing these data sets. The application of standard statistical methods to these data sets can lead to incorrect population inferences, which effectively negates the federal resources dedicated to the survey data collection. The proposed research project will review published studies of NCSES data sets to understand the statistical approaches that users of these data are currently employing, review the existing literature in survey statistics with regard to alternative design-based and model-based approaches that are appropriate for complex samples, and then apply these alternative approaches to several NCSES data sets, comparing the resulting inferences for a variety of statistical

problems and educating data users about appropriate analytic methods.

10/01/15-09/30/17

Grant No.: Robert Wood Johnson Foundation #73054
Coverage: 0.60 cal. Months
Amount: \$211,546
Title: **A National Survey of Value-Promoting Consumer Behaviors in High-Deductible Health Plans (Role: co-I)**

Description: Objective 1: To develop a survey of engagement in and perceived effects of value-promoting consumer behaviors among adults in HDHPs that will be fielded in a nationally representative sample. Objective 2: To identify rates, perceived effects, and predictors of engagement in value-promoting consumer behaviors among adults in HDHPs. Objective 3: To examine attitudes and behavioral intentions towards engaging in value-promoting consumer behaviors among adults in HDHPs.

10/1/13-9/30/18

Grant No.: HRD-1348619 (Role: co-I)
Coverage: 0.50 cal. months
Grantor: NSF
Amount: \$268,088
Title: **The Initiation of a New Cohort of the Longitudinal Study of American Youth (LSAY)**

Description: This proposal requests support to initiate a new 7th grade cohort of the Longitudinal Study of American Youth (LSAY). The new cohort will be linked conceptually and analytically to the 26 year longitudinal record of the LSAY to monitor the educational and career development of a new generation of the students and young adults. The LSAY is core education and human resources research project whose breadth provides a unique opportunity to view the needs of the field and cumulative impact of NSF and other programs on desired outcomes.

09/30/2014 - 06/30/2019

Grant No.: 1-R01-AG-049624-01 (Role: co-I)
Coverage: 0.50 cal. months
Grantor: NIH/NIA
Amount: \$408,549
Title: **Extending the Longitudinal Study of American Youth into a Study of Aging**

Description: The 26 years of life history collected by the Longitudinal Study of American Youth (LSAY) offers a unique opportunity to examine

questions about the influences of early-life factors in members of the Generation X cohort. This research will maintain this panel as they move into early midlife and extend the interview protocol to harmonize with the Health and Retirement Study (HRS) and examine three characteristics that distinguish this cohort from previous cohorts: their education-work trajectories, financial challenges, and exposure to technology.

5 R01 CA203809-03 (Role: co-I) 09/01/16-08/31/20 0.45 calendar
Source of Support: NIH/NCI Total Award Amount: \$652,164

E-Cigarette Use and Longitudinal Changes in Cigarette Smoking and Health

The goal of the proposed study is to examine the relationships among e-cigarette use, traditional cigarette smoking, other tobacco use, other substance use behaviors and health problems from adolescence to young adulthood based on nationally representative longitudinal data.

5 R21 HD090366-02 (Role: PI) 09/23/17-08/31/20 0.18 calendar
Source of Support: NIH/NICHD Total Award Amount: \$401,175

Indices of Selection Bias for Non-Probability Samples

The collection of data on health outcomes from high-quality scientific probability samples, where everyone in a population has a known probability of selection into the sample and methods for making representative population inferences are well-established, has become much more difficult and expensive in recent years. Researchers in the health sciences are thus turning to relatively inexpensive analyses of data collected from non-probability samples (e.g., Twitter users), but these samples do not provide researchers with a statistical framework for making inferences about larger populations. We aim to provide survey researchers with simple, theoretically sound indices of the amount of selection bias in survey estimates arising from non-probability samples, in addition to related methods of adjusting population estimates for this bias.

200-2010-33976 (Role: Methodologist) 09/24/10-12/30/20 0.57 calendar
Source of Support: CDC Total Award Amount: \$45,682,579

National Survey of Family Growth

This contract is for the planning and conduct of the next ten years of the National Survey of Family Growth, with interviewing to be conducted continuously from September, 2011 through September, 2019.

RESEARCH GRANTS - PENDING

Institute: NICHD/NIH

Title: An Experimental Evaluation of How Survey Measurement of Sexual Identity Affects Population Estimates of Identity-Based Differences in the Prevalence of Adverse Health Outcomes

Role: PI

A large body of national and international research has suggested that significant differences exist between subpopulations defined by sexual identity in terms of the prevalence of adverse health outcomes, where sexual minority individuals (gay/lesbian, bisexual) tend to be at higher risk of mental health problems, risky sexual behavior, and substance use disorders. Much of what we know about these differences is based on large national surveys, meaning that careful survey measurement of the construct of sexual identity is critical; unfortunately, existing evidence of these differences is largely based on simple measures of this construct that introduce a significant risk of misclassification of survey respondents, which could in turn attenuate estimated associations between sexual identity and these health outcomes. The proposed secondary analysis project aims to conduct detailed examinations of the results of a randomized experiment implemented on a national sample as part of the NICHD-funded National Survey of Family Growth, and evaluate the effects of different approaches to measuring sexual identity on estimates of population differences that are critical to advancing knowledge in this important area of public health.

Institute: NSF-MMS

Title: Novel Computational and Statistical Approaches to Regression Problems in the Presence of Linkage Errors

Role: Co-I

Dr. West will serve as a Co-Investigator for the proposed study. Record linkage has considerable potential in reducing costs and efforts in data collection and in enriching data analysis across scientific fields, the work of government agencies, and public health. This proposal aims at developing innovative statistical techniques and computational infrastructure to address sources of bias in post-linkage data analysis rooting in linkage errors to better leverage that potential.

Institute: NCI/NIH

New title: Longitudinal Changes in Identity, Tobacco Use, and Health Disparities among Sexual and Gender Minority Populations

Role: Co-I

Dr. West will serve as a Co-Investigator and statistical analyst for the proposed study. Dr. West will offer his extensive expertise in attrition, longitudinal research, regression modeling, missing data, and analysis of complex sample survey data using Stata, SAS, SPSS and SUDAAN. He also has extensive experience in the calculation of sampling weights which accurately reflect complex sample designs and nonresponse. Dr. West has valuable experience with secondary analyses using NESARC, PATH and other national datasets, including several collaborations with Dr. McCabe. Dr. West will participate in weekly scientific meetings and assist with the implementation of latent class analysis, survival analysis, and regression analysis. He will also assist with data management, statistical analyses and manuscript preparation. In particular, Dr. West will first author at least one peer-reviewed manuscript related to Aim 1 to improve estimates of nicotine/tobacco use among sexual minority, heterosexual, gender minority, and cisgender populations by: 1a) comparing alternative weighting and imputation approaches for reducing nonresponse bias in estimated trajectories of nicotine/tobacco use due to differential attrition, and 1b) evaluating the reporting bias

associated with nicotine/tobacco use self-reports based on nicotine/tobacco biomarker data , and assessing whether bias differs by sexual orientation or gender identity. In addition, Dr. West will help the team apply Aim 1 findings to subsequent aims, and co-author at least four other peer-reviewed manuscripts and offer his statistical expertise for other manuscripts.

Institute: NIAAA/NIH

Title: Sexual Fluidity and Longitudinal Changes in Alcohol Misuse and Associated Health Consequences: Individual, Community, and Policy Influences

Role: Co-I

Dr. West will serve as a Co-Investigator and statistical analyst for the proposed study. Dr. West will offer his extensive expertise in attrition, longitudinal research, regression modeling, missing data, and analysis of complex sample survey data using Stata, SAS, SPSS, and SUDAAN. He also has extensive experience in the calculation of sampling weights which accurately reflect complex sample designs and nonresponse. Dr. West has valuable experience with secondary analyses using many national longitudinal datasets, including several collaborations with Dr. McCabe. Dr. West will participate in weekly scientific meetings and assist with the implementation of latent class analysis, survival analysis, and regression analysis. He will also assist with data management, statistical analyses, and manuscript preparation. In particular, Dr. West will first author at least one peer-reviewed manuscript related to Aim 1 to improve estimates of alcohol misuse by comparing alternative weighting and imputation approaches for reducing nonresponse bias in estimated trajectories of alcohol misuse due to differential attrition, and assess whether bias differs by sexual orientation. In addition, Dr. West will help the team apply Aim 1 findings to subsequent aims, and co-author at least four other peer-reviewed manuscripts and offer his statistical expertise for other manuscripts.

COMMITTEES

- | | |
|-----------|--|
| 2005 | Member of ASA (Ann Arbor Chapter) Committee for putting together a “Statistics for Everyone” workshop for middle and high school math and science teachers in the Detroit area |
| 2009 | Michigan Program in Survey Methodology (MPSM) Representative, Rackham Doctoral Student Forum |
| 2009 | Invited panelist / representative of the Michigan Program in Survey Methodology, Undergraduate Sociology Association Graduate Studies Forum, 10/28/09, 7-8pm |
| 2010 | Michigan Program in Survey Methodology (MPSM) Representative, Student Committee Responsible for the 5 th Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS, April 2011) |
| 2010-2013 | Survey Research Mentoring Program Team, Survey Research Methods Section of the American Statistical Association |

- 2011 Michigan Program in Survey Methodology (MPSM) Representative, Student Committee Responsible for the 5th Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS, April 2011)
- 2013-Present Member / Secretary, Institute for Social Research Director's Advisory Committee on Community and Diversity (DACCD)
- 2013-Present Member, Survey Research Center Summer Institute Committee (contact: Jim Lepkowski, jimlep@umich.edu)
- 2013-2015 Planning Committee Member, 2015 International Total Survey Error Conference (ITSEC)
- 2013 Temporary Member, ISR IT Review Committee
- 2013-2014 Member, Survey Research Center Summer Internship Program (SIP) Intern Selection Committee
- 2013-2019 Member / Chair, Michigan Program in Survey Methodology (MPSM) and Joint Program in Survey Methodology (JPSM) Masters Degree Admission Committee
- 2014-Present Member / Chair, JPSM Distinguished Lecture Selection Committee
- 2015 Mentor, Undergraduate Research Opportunity Program (UROP), Two Students
- 2015-2016 Member, Survey Research Center Faculty Diversity Committee
- 2015 Member, Faculty Research Fellow Review Committee, Colter Mitchell
- 2015-Present Member, Charles F. Cannell Fund in Survey Methodology Committee
- 2016 Member, SMP Faculty Search Committee
- 2016-Present Member, SRC Research Dissemination Committee

SRC Blog Posts that I've authored (to date):

<http://www.src.isr.umich.edu/blog/new-research-by-mneimneh-and-colleagues-highlights-cross-cultural-variability-in-the-effects-of-interview-privacy-and-the-need-for-social-conformity-on-survey-data-quality/>

<http://www.src.isr.umich.edu/blog/michigan-program-in-survey-methodology-graduate-hanzhi-zhou-and-her-colleagues-publish-new-techniques-for-imputing-missing-values-in-complex-sample-survey-data-sets/>

<http://www.src.isr.umich.edu/blog/couper-and-zhang-evaluate-techniques-for-improving-web-survey-responses/>

<http://www.src.isr.umich.edu/blog/patrick-and-terry-mcelrath-provide-new-insight-into-high-intensity-drinking-behaviors-in-young-adults/>

<http://www.src.isr.umich.edu/blog/sunghee-lee-and-other-src-researchers-assess-the-total-survey-error-in-respondent-driven-sampling/>

<http://www.src.isr.umich.edu/blog/rod-little-co-author-of-nature-article-on-redefining-statistical-significance/>

- <http://www.src.isr.umich.edu/blog/james-wagner-partners-with-kristen-olson-to-examine-how-interviewer-travel-behaviors-affect-field-outcomes-in-the-nsfg-and-hrs/>
- <http://www.src.isr.umich.edu/blog/ware-faul-smith-and-weir-part-of-a-large-team-examining-interactions-between-genes-and-alcohol-in-predicting-hypertension/>
- <https://www.src.isr.umich.edu/blog/sakshaug-couper-singer-and-colleagues-examine-the-effects-of-framing-and-placement-of-questions-about-record-linkage-on-linkage-consent-rates-in-surveys/>
- <https://www.src.isr.umich.edu/blog/ong-and-lee-leverage-data-collected-using-respondent-driven-sampling-to-understand-disparities-in-access-to-naloxone-among-injection-drug-users-in-southeastern-michigan/>
- 2016-Present Member, Technical Advisory Committee (TAC), U.S. Bureau of Labor Statistics
- 2017-2018 Member, FoodAPS-2 Working Group, U.S. Department of Agriculture (ERS)
- 2018-2020 Planning Committee Member, NSF-Funded 2019 Workshop on Interviewer Effects from a Total Survey Error perspective (forthcoming at the University of Nebraska-Lincoln, February 26-28, 2019; <https://2019interviewer-workshop.unl.edu/>)
- 2018 Invited Member, SSOCS Methodology Technical Review Panel (TRP), National Center for Education Statistics, October 15-16, 2018
- 2019-Present Member, DSMB, NIH Grant #1R01AG056384-01A1 (PI: Rebecca Davis, Title: A Randomized Controlled Trial of Visual Cues, Signage, and Spaced-Retrieval Education within Long Term Care Communities to Assist with Wayfinding)
- 2019-2020 Chair, SMP Faculty Search Committee
- 2020-Present Chair, Michigan Program in Survey Methodology (MPSM) and Joint Program in Survey Methodology (JPSM) Doctoral Admissions Committee
- 2020-Present Member, ISR MLK Day Planning Committee
- 2020-Present Member, ISR Katz Dissertation Fellowship Award Committee
- 2020-2022 Elected Member, Survey Research Center (SRC) Senior Staff Advisory Committee (SSAC)
- 2020-Present Member, AAPOR Mitofsky Innovators Award Committee
- 2021 Invited Statistical and Methodological Advisor, *Culture + Community in a Time of Crisis* Project (<https://sloverlinett.com/wp-content/uploads/2020/12/Centering-the-Picture-full-report-CCTC-Wave-1-findings.pdf>)
- 2021-Present Co-Chair, SRC Task Force on Longer-run Effects of COVID on Faculty Development

SERVICE

- 2003 Referee for *Journal of Statistics Education*
- 2006 Referee for *Journal of Quantitative Analysis in Sports*
- 2006 Referee for *Psychological Science*
- 2007 Referee for *Journal of Quantitative Analysis in Sports*
- 2007 Referee for *Psychometrika* (cudeck.1@osu.edu)
- 2007 Referee for *Economics Bulletin*
- 2007 Session Chair, 2007 Joint Statistical Meetings
- 2007-2010 Ann Arbor Chapter of ASA, Treasurer, Liaison to ASA
- 2008 Up and Running with R (one three-hour workshop, 11/17/08, for the Ann Arbor Chapter of the American Statistical Association)
- 2008 Mentor, Undergraduate Research Opportunity Program, University of Michigan-Flint (Student: Madhur Lamsal)
- 2008 Referee for *Journal of Quantitative Analysis in Sports*
- 2008 Referee for *Psychometrika*
- 2009 Up and Running with R (one three-hour workshop, 9/21/09, for the Ann Arbor Chapter of the American Statistical Association)
- 2009-Present Abstract Referee, AAPOR Annual Conference
- 2009 Mentor, Undergraduate Research Opportunity Program, University of Michigan-Flint (Student: Andrea Garber)
- 2009 Referee for *Public Opinion Quarterly*
- 2009 Secretariat / Invited Rapporteur, National Science Foundation Workshop on Data Infrastructure for the Social Sciences (4/10/09 – 4/11/09)
- 2009 Referee for *Contemporary Economic Policy*
- 2010 Mentor, Undergraduate Research Opportunity Program, University of Michigan-Ann Arbor (Student: Ziming Liao)
- 2010 Referee for *Nature Protocols*
- 2010 Up and Running with R (one two-hour workshop, 9/28/10, for the Ann Arbor Chapter of the American Statistical Association)
- 2010 Referee for *Public Opinion Quarterly*
- 2010 Referee for *Journal of Quantitative Analysis in Sports*
- 2011 Referee for *Journal of Qualitative Analysis in Sports*
- 2011 Referee for *Public Opinion Quarterly*

- 2011 Referee for *Helgoland Marine Research*
- 2011 Referee for Chapman Hall / CRC Press Book Proposal (*Starting Quantitative Analysis with R*, Contact: John Kimmel, john.kimmel@taylorandfrancis.com)
- 2011 Session Chair (5/14/11), 2011 AAPOR Annual Conference
- 2011 Referee for *Journal of the Royal Statistical Society – Series A*
- 2011 Mentor, Undergraduate Research Opportunity Program, University of Michigan-Ann Arbor (Student: Ziming Liao)
- 2011 Referee for *Journal of General Internal Medicine*
- 2012 Referee for the *Stata Journal*
- 2012 Abstract Referee, AAPOR Annual Conference
- 2012 Referee for Bauer Chapter of Sage Edited Volume *Regression Analysis and Causal Inference*
- 2012 Referee for *Public Opinion Quarterly*
- 2012 Session Chair (671), 2012 Joint Statistical Meetings
- 2012 Referee for *Journal of the Royal Statistical Society – Series A*
- 2012 Referee for Schouten et al. and Kreuter/Olson Chapters of *Improving Surveys with Paradata: Analytic Uses of Survey Process Information*
- 2012 Mentor, Undergraduate Research Opportunity Program, University of Michigan-Flint (Student: Kasarus Brown)
- 2013 Moderator, AAPOR Annual Conference, Methodological Briefs on Combating Nonresponse, 5/17/13
- 2013 Moderator, Interviewer-Respondent Interaction Workshop, 5/16/13, Boston, MA (Sponsored by the Cannell Fund in Survey Methodology)
- 2013 Referee for *Field Methods*
- 2013 Referee for *Journal of Official Statistics*
- 2013 Referee for *Sex Roles*
- 2013 Referee for *Journal of Experimental Education*
- 2013 Referee for *Public Opinion Quarterly*
- 2013 Referee for *Demography*
- 2013 Referee for *Journal of Statistical Theory and Practice*
- 2013 External Academic Reviewer for the Nielsen Measurement Institute (NIMI) Fellows Program
- 2013 Referee for the *Journal of Dual Diagnosis*
- 2014 Mentor, Undergraduate Research Opportunity Program (UROP), Two Students

2014 Proposal Reviewer for National Science Foundation - MMS Section

2014 Moderator, AAPOR Annual Conference

2014-2017 Ad-hoc Statistical Reviewer for *American Journal of Preventive Medicine*
(Twice Ranked as Top Reviewer based on review quality ratings, 4/14/15, 3/16/17)

2014 Referee for *American Sociological Review*

2014 Referee for *Public Opinion Quarterly*

2014 Referee for *Journal of Clinical Epidemiology*

2014 Referee for *Journal of Official Statistics*

2014 Referee for *Survey Methodology*

2014 Referee for *Electronic Journal of Statistics*

2014 Referee for *Sex Roles*

2014 Referee for *Journal of Survey Statistics and Methodology*

2014 Referee for *Journal of Quantitative Analysis in Sports*

2014 Member, Faculty Research Fellow Review Committee, Hongwei Xu

2014 Member, Seymour Sudman Student Paper Award Committee (AAPOR)

2015 Moderator, AAPOR Annual Conference

2015 Judge, Student Poster Competition, AAPOR Annual Conference

2015 Member, Short Course Committee, AAPOR

2015 Referee for *Public Opinion Quarterly* (Two manuscripts)

2015 Referee for *Survey Research Methods*

2015 Referee for *Methodology*

2015 Referee for *Statistics in Medicine* (Two manuscripts)

2015 Referee for *International Journal of Public Opinion Research*

2015 Referee for *Journal of Official Statistics*

2015 Referee for *Statistics and Operations Research Transactions (SORT)*

2015 Referee for *Journal of the Royal Statistical Society – Series A* (Two manuscripts)

2015 Referee for *Journal of Survey Statistics and Methodology* (Two manuscripts)

2015 Referee for *Nature Protocols*
(Ranked as “one of best referees for 2015” by Nature Editorial Staff)

2016 Referee for *Survey Research Methods*

- 2016 Referee for *Journal of Survey Statistics and Methodology* (Two manuscripts)
- 2016 Referee for *Journal of Applied Statistics*
- 2016 Referee for *Journal of Official Statistics* (Two manuscripts)
- 2016 Moderator, AAPOR Annual Conference
- 2016 Referee for *Survey Methodology*
- 2016 Referee for *PLoS ONE*
- 2017 Referee for *Journal of Official Statistics*
- 2017-Present **Associate Editor for *Journal of Survey Statistics and Methodology***
- 2017 Referee for *Sociological Methodology*
- 2017 Referee for *Public Opinion Quarterly*
- 2017 Referee for *Journal of the Royal Statistical Society – Series A* (Three Manuscripts)
- 2017 Referee for *PLoS ONE*
- 2017 Reviewer of National Academies of Sciences, Engineering, and Medicine report entitled “Measuring the 21st Century Science and Engineering Workforce” (Washington, DC: The National Academies Press; doi: <https://doi.org/10.17226/XXXXXX>).
- 2018 Referee for *Methods, Data, Analyses*
- 2018 Abstract Referee, BigSurv18 Conference
- 2018 Referee for *Public Opinion Quarterly*
- 2018 Referee for *Social Science Research*
- 2018 Guest Editor for *PLoS ONE* (One Manuscript)
- 2018 Referee for *Survey Research Methods*
- 2018 Moderator, AAPOR Annual Conference
- 2018 Moderator, AAPOR’s Got Talent, AAPOR Annual Conference
- 2018 Referee for *Field Methods*
- 2018 Referee for *The Stata Journal*
- 2018 Referee for *Methodology*
- 2018 Session Chair, Joint Statistical Meetings (7/30/18)
- 2018 Referee for *PLoS ONE* (two manuscripts)
- 2018 Member, Assistant Research Scientist Review Committee, Brooke-Helppie McFall
- 2019 Referee for *Survey Methodology*

- 2019 Proposal Reviewer for National Science Foundation - MMS Section
- 2019 Moderator, AAPOR Annual Conference
- 2019 Member, Short Course Subcommittee, AAPOR
- 2019 Member, AAPOR's Got Talent Subcommittee, AAPOR
- 2019 Moderator, AAPOR's Got Talent, AAPOR Annual Conference
- 2019 Referee for *Australian and New Zealand Journal of Statistics*
- 2019 Reviewer, Canadian Statistical Sciences Institute (CANSSI) Collaborative Research Team Proposal
- 2019 Referee for *American Journal of Political Science*
- 2019 Invited Session Organizer, Chair, 2019 Joint Statistical Meetings (7/31/19): State-of-the-art Inferential Approaches for Non-Probability Samples (Denver, CO).
- 2019 Referee for *Journal of the Royal Statistical Society – Series A*
- 2019 Referee for *Survey Research Methods*
- 2019 Referee for *American Journal of Preventive Medicine*
- 2019 Referee for Chapman Hall / CRC Press Book Proposal (Contact: John Kimmel, john.kimmel@taylorandfrancis.com)
- 2020 Referee for *Journal of Survey Statistics and Methodology* (outside of Associate Editor role)
- 2020 Proposal Reviewer for National Science Foundation - MMS Section
- 2020 Abstract Referee, BigSurv20 Conference
- 2020 Referee for *Contraception*
- 2020 Referee for *Field Methods*
- 2020 Referee for *Social Science Computer Review*
- 2020 Referee for *Survey Research Methods*
- 2020 Reviewer, Methodological Report on Approximating Sampling Weights for Multilevel Modeling in the Demographic and Health Surveys (ICF International; Contact: Tom Pullum)
- 2020 Topic-Contributed Session Chair, Virtual Joint Statistical Meetings (8/6/20)
- 2020 Referee for *European Sociological Review*
- 2020 Invited Guest, Sampling and Data Acquisition Meeting, "The Future of Quantitative Research in Social Science", November 16-17, 2020 (Meeting series funded by NSF awards 1934925 and 1934494, Georgetown University and the University of Michigan)
- 2020 Referee for *Methods, Data, Analyses*

- 2020-Present **Editorial Board Member, *Field Methods***
- 2021 Referee for *Social Science Research*
- 2021 Referee for *American Journal of Public Health*

ADMINISTRATION

- 2012-Present Michigan Program in Survey Methodology (MPSM) Faculty Advisor, Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS)
- 2013-Present Faculty Director, JPSM Junior Fellows Program
- 2014 Topic-Contributed Session Organizer / Moderator, Joint Statistical Meetings (Boston, MA)
- 2014 Organizer, Topic-Contributed Session on Total Survey Error for JSM 2014
- 2014 Organizer, AAPOR Panel Session on Total Survey Error for 2014 AAPOR Annual Conference
- 2015 Organizer, Topic-Contributed Session on Total Survey Error for JSM 2015
- 2015 Chair, Topic-Contributed Session on Total Survey Error for JSM 2015
- 2016-2017 Associate Chair, Education Committee, AAPOR Executive Council
- 2017-2018 Chair, Education Committee, AAPOR Executive Council
- 2017-Present Director, Scientific / Technical Core of the P2C Center Grant (the Population Dynamics and Health Program) from NICHD to the Population Studies Center of the Institute for Social Research
- 2019-Present Director, Survey Methodology Program (Survey Research Center, Institute for Social Research, University of Michigan-Ann Arbor)
- 2019-Present Co-Director, SRC Statistical Design Group (SDG, with James Wagner)
- 2019 Organizer, Accepted Invited Session, JSM 2019 (State-of-the-art Inferential Approaches for Non-Probability Samples)
- 2019-2020 Program Chair-Elect, Survey Research Methods Section, American Statistical Association
- 2020-2021 Program Chair, Survey Research Methods Section, American Statistical Association
- 2021-2022 Associate Chair, Conference Committee, AAPOR Executive Council
- 2021-2022 Chair-Elect, Survey Research Methods Section, American Statistical Association

DISSERTATION COMMITTEES

- [1] Hanzhi Zhou, Survey Methodology (Defended 4/4/2014)
- [2] Elizabeth Watts (formerly Becker), Health Behavior and Health Education (Defended 6/12/2014)
- [3] Christopher Antoun, Survey Methodology (Defended 7/21/2015)
- [4] Chi-Mei Liu, Pharmacy (Defended 1/13/2016)
- [5] Sharan Sharma, Survey Methodology (Defended 12/19/2018)
- [6] Felicitas Mittereder, Survey Methodology (CHAIR; Defended 12/5/2018)
- [7] Stephanie Coffey, Survey Methodology (Defended 9/1/2020)
- [8] Traci Carson, Epidemiology (Defended 11/12/2020)
- [9] Micha Fischer, Survey Methodology (co-CHAIR)
- [10] Ali Rafei, Survey Methodology
- [11] Fernanda Alvarado-Leiton, Survey Methodology
- [12] Shiyu Zhang, Survey Methodology (co-CHAIR)
- [13] Timothy Lycurgus, Statistics
- [14] Adrienne Bradford, Survey Methodology
- [15] Berhanu Gebremeskel, Epidemiology

BIBLIOGRAPHY

1. Books

- [1] **West, B.T.**, Welch, K.B. and Galecki, A.T. (with Contributions from Brenda W. Gillespie) (2006). *Linear Mixed Models: A Practical Guide using Statistical Software*. Chapman Hall / CRC Press: Boca Raton, FL.
- [2] Heeringa, S.G., **West, B.T.**, and Berglund, P.A. (2010). *Applied Survey Data Analysis*. Chapman Hall / CRC Press: Boca Raton, FL.
- [3] **West, B.T.**, Welch, K.B. and Galecki, A.T. (with Contributions from Brenda W. Gillespie) (2014). *Linear Mixed Models: A Practical Guide using Statistical Software, Second Edition*. Chapman Hall / CRC Press: Boca Raton, FL.
- [4] Biemer, P.P, Eckman, S., Edwards, B., Lyberg, L., Tucker, C., de Leeuw, E., Kreuter, F., and **West, B.T.** (Editors). (2017). *Total Survey Error in Practice*. Wiley.
- [5] Heeringa, S.G., **West, B.T.**, and Berglund, P.A. (2017). *Applied Survey Data Analysis, Second Edition*. Chapman Hall / CRC Press: Boca Raton, FL.

- [6] Lavrakas, P.J., Traugott, M., Kennedy, C., de Leeuw, E.D., Holbrook, A., and **West, B.T.** (Editors). (2019). *Experimental Methods in Survey Research: Techniques that Combine Random Sampling with Random Assignment*. Wiley.
- [7] Olson, K., Smyth, J.D., Dykema, J., Holbrook, A., Kreuter, F., and **West, B.T.** (Editors). (In Press). *Interviewer Effects from a Total Survey Error Perspective*. Chapman Hall / CRC Press.
- [8] **West, B.T.**, Welch, K.B. and Galecki, A.T. (with Contributions from Brenda W. Gillespie) (In Progress, Scheduled for 2022). *Linear Mixed Models: A Practical Guide using Statistical Software, Third Edition*. Chapman Hall / CRC Press: Boca Raton, FL.

2. Peer-Reviewed Journal Articles (* denotes graduate student under my supervision)

2A. Survey and Statistical Methodology

- [1] **West, B.T.** (2006). A Simple and Flexible Rating Method for Predicting Success in the NCAA Basketball Tournament. *Journal of Quantitative Analysis in Sports*, 2(3), Article 3.
- [2] **West, B.T.** (2008). Statistical and Methodological Issues in the Analysis of Complex Sample Survey Data: Practical Guidance for Trauma Researchers. *Journal of Traumatic Stress*. Vol. 21, No. 5, October 2008, 440-447.
- [3] **West, B.T.**, Berglund, P., and Heeringa, S.G. (2008). A Closer Examination of Subpopulation Analysis of Complex Sample Survey Data. *The Stata Journal*, 8(4), 520-531.
- [4] **West, B.T.** and Lamsal, M. (2008). A New Application of Linear Modeling in the Prediction of College Football Bowl Outcomes and the Development of Team Ratings. *Journal of Quantitative Analysis in Sports*, 4(3), Article 3.
- [5] **West, B.T.** (2008). A Simple and Flexible Rating Method for Predicting Success in the NCAA Basketball Tournament: Updated Results from 2007. *Journal of Quantitative Analysis in Sports: Special NESSIS 2007 Issue*, 2(4), Article 8.
- [6] **West, B.T.** (2009). Analyzing Longitudinal Data with the Linear Mixed Models Procedure in SPSS. *Evaluation and the Health Professions*, 32(3), 207-228.
- [7] **West, B.T.** and Olson, K. (2010). How Much of Interviewer Variance is Really Nonresponse Error Variance? *Public Opinion Quarterly*, 74(5), 1004-1026.

- [8] **West, B.T.** and Galecki, A.T. (2011). An Overview of Current Software Procedures for Fitting Linear Mixed Models. *The American Statistician*, 65(4), 274-282.
- [9] **West, B.T.** (2011). Paradata in Survey Research: Examples, Utility, Quality, and Future Directions. *Survey Practice*, 4(4).
- [10] Groves, R.M., Presser, S., Tourangeau, R., **West, B.T.**, Couper, M.P., Singer, E., and Toppe, C. (2012). Support for the Survey Sponsor and Nonresponse Bias. *Public Opinion Quarterly*, 76(3), 512-524.
- [11] **West, B.T.** and McCabe, S.E. (2012). Incorporating Complex Sample Design Effects When Only Final Survey Weights are Available. *The Stata Journal*, 12(4), 718-725. PMID: PMC3939068.
- [12] Wagner, J., **West, B.T.**, Kirgis, N., Lepkowski, J.M., Axinn, W.G., and Kruger-Ndiaye, S. (2012). Use of Paradata in a Responsive Design Framework to Manage a Field Data Collection. *Journal of Official Statistics*, 28(4), 477-499.
- [13] **West, B.T.** (2013). An Examination of the Quality and Utility of Interviewer Observations in the National Survey of Family Growth. *Journal of the Royal Statistical Society, Series A (General)*, 176(1), 211-225.
- [14] **West, B.T.**, Kreuter, F., and Jaenichen, U. (2013). "Interviewer" Effects in Face-to-face Surveys: A Function of Sampling, Measurement Error or Nonresponse? *Journal of Official Statistics*, 29(2), 277-297.
- [15] **West, B.T.** and Kreuter, F. (2013). Factors Affecting the Accuracy of Interviewer Observations: Evidence from the National Survey of Family Growth (NSFG). *Public Opinion Quarterly*, 77(2), 522-548.
- [16] **West, B.T.** and Groves, R.M. (2013). The PAIP Score: A Propensity-Adjusted Interviewer Performance Indicator. *Public Opinion Quarterly*, 77(1), 352-374.
- [17] Lepkowski, J.M., Mosher, W.D., Groves, R.M., **West, B.T.**, Wagner, J., and Gu, H. (2013). *Responsive Design, Weighting, and Variance Estimation in the 2006-2010 National Survey of Family Growth*. National Center for Health Statistics. Vital and Health Statistics, 2(158).
- [18] **West, B.T.** and Little, R.J.A. (2013). Nonresponse Adjustment of Survey Estimates based on Auxiliary Variables Subject to Error. *Journal of the Royal Statistical Society – Series C (Applied Statistics)*, 62(2), 213-231.
- [19] **West, B.T.**, and Elliott, M.R. (2014). Frequentist and Bayesian Approaches for Comparing Interviewer Variance Components in Two Groups of Survey Interviewers. *Survey Methodology*, 40(2), 163-188.
- [20] **West, B.T.** and Peytcheva, E. (2014). Can Interviewer Behaviors During ACASI Affect Data Quality? *Survey Practice*, 7(5).

- [21] Sakshaug, J. and **West, B.T.** (2014). Important Considerations when Analyzing Health Survey Data Collected using a Complex Sample Design. *American Journal of Public Health*, 104(1), 15-16.
- [22] **West, B.T.**, Kreuter, F., and Trappmann, M. (2014). Is the Collection of Interviewer Observations Worthwhile in an Economic Panel Survey? New Evidence from the German Labor Market and Social Security (PASS) Study. *Journal of Survey Statistics and Methodology*, 2(2), 159-181.
- [23] Krueger, B.S. and **West, B.T.** (2014, Authors Alphabetical). Assessing the Potential of Paradata and Other Auxiliary Information for Nonresponse Adjustments. *Public Opinion Quarterly*, 78(4), 795-831.
- [24] **West, B.T.** and Kreuter, F. (2015). A Practical Technique for Improving the Accuracy of Interviewer Observations of Respondent Characteristics. *Field Methods*, 27(2), 144-162.
- [25] Elliott, M.R. and **West, B.T.** (2015; Authors Alphabetical). "Clustering by Interviewer": A Source of Variance That Is Unaccounted for in Single-Stage Health Surveys. *American Journal of Epidemiology*, 182(2), 118-126.
- [26] Heeringa, S.G., Berglund, P.A., **West, B.T.**, Mellipilan, E., and Portier, K. (2015). Attributable Fraction Estimation from Complex Sample Survey Data. *Annals of Epidemiology*, 25(3), 174-178.
- [27] Raykov, T., **West, B.T.**, and Traynor, A. (2015). Evaluation of Coefficient Alpha for Multiple Component Measuring Instruments in Complex Sample Designs. *Structural Equation Modeling*, 22(3), 429-438. DOI: 10.1080/10705511.2014.936081.
- [28] **West, B.T.**, Wagner, J., Gu, H. and Hubbard, F. (2015). The Utility of Alternative Commercial Data Sources for Survey Operations and Estimation: Evidence from the National Survey of Family Growth. *Journal of Survey Statistics and Methodology*, 3(2), 240-264.
- [29] **West, B.T.**, Ghimire, D., and Axinn, W.G. (2015). Evaluating a Modular Design Approach to Collecting Survey Data using Text Messages. *Survey Research Methods*, 9(2), 111-123.
- [30] **West, B.T.**, Beer, L., Gremel, W.*, Weiser, J., Johnson, C., Garg, S., and Skarbinski, J. (2015). Weighted Multilevel Models: A Case Study. *American Journal of Public Health*, 105(11), 2214-2215.
- [31] Raykov, T. and **West, B.T.** (2016). On Enhancing Plausibility of the Missing at Random Assumption in Incomplete Data Analyses via Evaluation of Response-Auxiliary Variable Correlations. *Structural Equation Modeling*, 23(1), 45-53. DOI: 10.1080/10705511.2014.937848.
- [32] McCabe, S.E. and **West, B.T.** (2016). Selective Nonresponse Bias in Population-Based Survey Estimates of Drug Use Behaviors in the United States. *Social Psychiatry and Psychiatric Epidemiology*, 51, 141-153. PMID: PMC4724242.

- [33] **West, B.T.**, Sakshaug, J.W., and Aurelien, G.A.S.* (2016). How Big of a Problem is Analytic Error in Secondary Analyses of Survey Data? *PLOS ONE*, 11(6), e0158120. doi:10.1371/journal.pone.0158120.
Press Release: <https://scienmag.com/alarming-error-common-in-survey-analyses/>
- [34] **West, B.T.** and Blom, A.G. (2017). Explaining Interviewer Effects: A Research Synthesis. *Journal of Survey Statistics and Methodology*, 5(2), 175-211.
- [35] **West, B.T.** and McCabe, S.E. (2017). Alternative Approaches to Assessing Nonresponse Bias in Longitudinal Survey Estimates: An Application to Substance Use Outcomes among Young Adults in the U.S. *American Journal of Epidemiology*, 185(7), 591-600.
- [36] **West, B.T.**, Conrad, F.G., Kreuter, F., and Mittereder, F*. (2017). Can Conversational Interviewing Improve Survey Response Quality without Increasing Interviewer Effects? *Journal of the Royal Statistical Society (Series A)*, 181(1), 181-203. DOI: 10.1111/rssa.12255. **NOTE: On 1/28/20, this article was honored as one of the most highly-cited JRSS-A articles during the period January 2018 – December 2019.**
- [37] Hu, M.*, Gremel, G.*, Kirlin, J.A., and **West, B.T.** (2017). Nonresponse and Underreporting Errors Increase over the Data Collection Week Based on Paradata from the National Household Food Acquisition and Purchase Survey. *Journal of Nutrition*, 147(5), 964-975. Available online at <http://jn.nutrition.org/content/early/2017/03/15/jn.116.240697.full.pdf+html>.
- [38] Mittereder, F.*, Durow, J.*, **West, B.T.**, Kreuter, F., and Conrad, F.G. (2018). Interviewer-Respondent Interactions in Conversational and Standardized Interviewing. *Field Methods*, 30(1), 3-21.
- [39] **West, B.T.**, Conrad, F.G., Kreuter, F., and Mittereder, F*. (2018). Nonresponse and Measurement Error Variance among Interviewers in Standardized and Conversational Interviewing. *Journal of Survey Statistics and Methodology*, 6, 335-359. DOI: <https://doi.org/10.1093/jssam/smx029>.
- [40] Ong, A.R.*, Hu, M.*, **West, B.T.**, and Kirlin, J.A. (2018). Interviewer Effects in Food Acquisition Surveys. *Public Health Nutrition*, 21(10), 1781-1793. DOI: 10.1017/S1368980018000137.
- [41] Couper, M.P., Gremel, G.*, Axinn, W.G., Guyer, H., Wagner, J., and **West, B.T.** (2018). New Options for National Population Surveys: The Implications of Internet and Smartphone Coverage. *Social Science Research*, 73, 221-235. DOI: <https://doi.org/10.1016/j.ssresearch.2018.03.008>.
- [42] **West, B.T.** and Sakshaug, J.W. (2018). The Need to Account for Complex Sampling Features when Analyzing Establishment Survey Data: An

- Illustration using the 2013 Business Research and Development and Innovation Survey (BRDIS). *Survey Methods: Insights from the Field*. DOI: 10.13094/SMIF-2018-10.13094/SMIF-2017-00008.
- [43] **West, B.T.** and Kreuter, F. (2018). Strategies for Increasing the Accuracy of Interviewer Observations of Respondent Features: Evidence from the U.S. National Survey of Family Growth. *Methodology*, 14(1), 16-29. PMID: PMC5931735.
- [44] **West, B.T.**, Sakshaug, J.W., and Aurelien, G.A*. (2018). Accounting for Complex Sampling in Survey Estimation: A Review of Current Software Tools. *Journal of Official Statistics*, 34(3), 721-752.
- [45] **West, B.T.** and Li, D.* (2019). Sources of Variance in the Accuracy of Interviewer Observations. *Sociological Methods and Research*, 48(3), 485-533.
- [46] Antoun, C.*, Conrad, F.G., Couper, M.P., and **West, B.T.** (2019). Simultaneous estimation of multiple sources of error in a smartphone-based survey. *Journal of Survey Statistics and Methodology*, 7(1), 93-117. DOI: <https://doi.org/10.1093/jssam/smy002>.
- [47] McClain, C.*, Couper, M.P., Hupp, A., Keusch, F., Peterson, G., Piskorowski, A., and **West, B.T.** (2019). A Typology of Web Survey Paradata for Assessing Total Survey Error. *Social Science Computer Review*, 37(2), 196-213. DOI: 10.1177/0894439318759670.
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<https://www.usatoday.com/story/news/nation-now/2017/11/22/study-women-little-no-college-face-greater-sexual-assault-risk/891018001/>.

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<http://www.newsweek.com/women-without-college-degree-risk-sexual-assault-720948>.

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- [78] Boyd, C.J., **West, B.T.**, and McCabe, S.E. (2018). Does misuse lead to a disorder? The misuse of prescription tranquilizer and sedative medications and subsequent substance use disorders in a U.S. longitudinal sample. *Addictive Behaviors*, 79, 17-23.
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- [80] McCabe, S.E., **West, B.T.**, Strobbe, S., and Boyd, C.J. (2018). Persistence/Recurrence and Remission from DSM-5 Substance Use Disorders in the United States: Substance-Specific and Substance-Aggregated Correlates. *Journal of Substance Abuse Treatment*, 93, 38-48.
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<https://jamanetwork.altmetric.com/details/85989592/news>.
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- [101] McCabe, S.E., Hughes, T.L., **West, B.T.**, Evans-Polce, R.J., Veliz, P.T., Dickinson, K., McCabe, V.V., and Boyd, C.J. (2020). Sexual Orientation, Adverse Childhood Experiences and Comorbid Substance Use and Mental Health Disorders in the United States. *Journal of Clinical Psychiatry*, 81(6). DOI: 10.4088/JCP.20m13291.

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3. Book Chapters

- [1] Galecki, A.T. and **West, B.T.** (2013). Software for Fitting Mixed-Effects and Multilevel Models. Chapter 26 in *The Sage Handbook of Multilevel Modeling*. Sage Publishing.
- [2] **West, B.T.** and Sinibaldi, J. (2013). The Quality of Paradata: A Literature Review. Chapter 14 in *Improving Surveys with Paradata: Analytic Uses of Process Information*. Wiley Publishing.
- [3] **West, B.T.** (2013). The Effects of Error in Paradata on Weighting Class Adjustments: A Simulation Study. Chapter 15 in *Improving Surveys with Paradata: Analytic Uses of Process Information*. Wiley Publishing.
- [4] Heeringa, S.G., **West, B.T.** and Berglund, P.A. (2014). Regression with Complex Samples. Chapter 11 in the *SAGE Handbook of Regression Analysis and Causal Inference*. Sage Publishing.
- [5] Eckman, S. and **West, B.T.** (2016). Analysis of Data from Stratified and Clustered Surveys. In: Joye, D., Smith, T., Fu, Y. and Wolf, C. (Editors), *Handbook of Survey Methodology*. Sage.
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- [11] **West, B.T.** (2020). Designing Studies for Comparing Interviewer Variance in Two Groups of Survey Interviewers. Chapter 23 in: *Interviewer Effects from a Total Survey Error Perspective (Editors: Olson et al.)*. Chapman Hall / CRC Press.

4. Book Reviews

- [1] **West, B.T.** (2010). A Book Review of *Interpreting Social and Economic Data* by Othmar W. Winkler. *Journal of Official Statistics*, 26(4), 713-716.
- [2] **West, B.T.** (2017). A Book Review of *Power Analysis of Trials with Multilevel Data* by Mirjam Moerbeek and Steven Teerenstra. *The Biometrical Journal*, DOI: 10.1002/bimj.201700071.
- [3] **West, B.T.** (2018). A Book Review of *Adaptive Survey Design* by Barry Schouten, Andy Peytchev, and James Wagner. *The Survey Statistician*. http://isi-iass.org/home/wp-content/uploads/Survey_Statistician_January_2018.pdf.

5. Articles / Reports / White Papers That Have Not Received Peer Review

- [1] **West, B.T.** (2001). Spatial Analysis of a Small Area Problem (Honors Thesis). *Proc. 2002 Hawaii International Conference on Statistics and Related Fields*.
- [2] **West, B.T.** (2003). March Madness: A Critical Analysis and Evaluation of Potential Ranking Methods for NCAA Division I Basketball Teams. *Proc. 2003 Hawaii International Conference on Statistics and Related Fields*.
- [3] **West, B.T.** Pros and Cons of Free Statistical Consulting in an Academic Setting. *The Statistical Consultant* (Newsletter of the Statistical Consulting Section of ASA). July 2006: Volume 23, No. 2.
- [4] Rezmierski, V., Bard., M., and **West, B.T.** (2006). Final Report of the Computer Incident Factor Analysis and Categorization (CIFAC) Project, University of Michigan, Ann Arbor, MI; www.educause.edu/ir/library/pdf/csd4455.pdf.

- [5] **West, B.T.**, Berglund, P., and Heeringa, S.G. (2007). Alternative Approaches to Subclass Analysis of Complex Sample Survey Data. *Proc. 2007 Joint Statistical Meetings*.
- [6] **West, B.T.** (2009). A Simulation Study of Alternative Weighting Class Adjustments for Nonresponse when Estimating a Population Mean from Complex Sample Survey Data. *Proc. Survey Research Methods Section, 2009 Joint Statistical Meetings*, 4920-4933.
- [7] **West, B.T.** (2010). The Impact of Measurement Error in Auxiliary Variables on Model-based Estimation of Finite Population Totals: A Simulation Study. In *JSM Proceedings*, Survey Research Methods Section. Alexandria, VA: American Statistical Association. *Proc. Social Statistics Section, 2010 Joint Statistical Meetings*, 2096-2109.
- [8] **West, B.T.** (2010). An Examination of the Quality and Utility of Interviewer Estimates of Household Characteristics in the National Survey of Family Growth. NSFG Paper No. 10-009. May 2010. <http://www.psc.isr.umich.edu/pubs/abs/6399>
- [9] **West, B.T.** (2010). A Practical Technique for Improving the Accuracy of Interviewer Observations: Evidence from the National Survey of Family Growth. NSFG Paper No. 10-013. November 2010. <http://www.psc.isr.umich.edu/pubs/series-list.html?sc=ng>
- [10] **West, B.T.** (2010). Accounting for Multi-Stage Sample Designs in Complex Sample Variance Estimation. *ISR Technical Report Prepared for National Survey of Family Growth (NSFG) User Documentation*. http://www.isr.umich.edu/src/smp/asda/first_stage_ve_new.pdf
- [11] **West, B.T.** (2011). Bayesian Analysis of Between-Group Differences in Variance Components in Hierarchical Generalized Linear Models. In *JSM Proceedings*, Social Statistics Section. Alexandria, VA: American Statistical Association, pp. 1828-1842.
- [12] **West, B.T.** and Kreuter, F. (2011). Observational Strategies Associated with Increased Accuracy of Interviewer Observations: Evidence from the National Survey of Family Growth. In *JSM Proceedings*, AAPOR 2011. Alexandria, VA: American Statistical Association, pp. 5646-5658.
- [13] **West, B.T.** and Groves, R.M. (2011). The PAIP Score: A Propensity-Adjusted Interviewer Performance Indicator. In *JSM Proceedings*, AAPOR 2011. Alexandria, VA: American Statistical Association, pp. 5631-5645.
- [14] **West, B.T.**, Ghimire, D., and Axinn, W.G. (2015). Evaluating a Modular Design Approach to Collecting Survey Data Using Text Messages: Evidence from Nepal. PSC Research Report No. 15-834. January 2015.
- [15] Kolenikov, S., **West, B.T.**, and Lugtig, P. (2019). Rubrics for the Documentation of Sampling Designs and Their Specification in Statistical Software Packages. *Proc. Survey Research Methods Section, 2019 Joint Statistical Meetings*.
- [16] Mneimneh, Z., Pasek, J., Singh, L., Barbera, P., Best, R., Bode, L., Bruch, E., Budak, C., Davis-Kean, P., Donato, K., Ellison, N., Gelman, A., Groshen, E.,

Hemphill, L., Hobbs, W., Jensen, B., Karypis, G., Ladd, J., O'Hara, A., Raghunathan, T.E., Resnik, P., Ryan, R., Soroka, S., Traugott, M., **West, B.T.**, and Wojcik, S. (2021). Data Acquisition, Sampling, and Preparation Considerations for Quantitative Social Science Research Using Social Media Data. *White Paper Prepared for the Meeting Series "The Future of Quantitative Research in Social Science"*, November 16-17, 2020 (funded by NSF awards 1934925 and 1934494). Pre-print available at <https://psyarxiv.com/k6vyj/>.

6. Publications Pending

(a) Submitted

- [1] **West, B.T.**, Chang, W., and Zmich, A*. (*Under Third Review*). An Experimental Evaluation of Alternative Methods for Case Prioritization in Responsive Survey Design. *Resubmitted to Journal of Survey Statistics and Methodology*, March 2021.
- [2] **West, B.T.**, Wagner, J., Coffey, S.*, and Elliott, M.R. (*Under Second Review*). Deriving Priors for Bayesian Prediction of Daily Response Propensity in Responsive Survey Design: Historical Data Analysis vs. Literature Review. *Resubmitted to Journal of Survey Statistics and Methodology*, March 2021. **Working paper:** <https://arxiv.org/abs/1907.06560>
- [3] Ong, A.R.*, Schultz, R.*, Sinozich, S.*, **West, B.T.**, Wagner, J., Sinibaldi, J., & Finamore, J. (*Under Review*). A User-Driven Method for Using Research Products to Empirically Assess Item Importance in National Surveys. *Submitted to Journal of Official Statistics*, March 2021.
- [4] Rafei, A.*, Flannagan, C.A.C., **West, B.T.**, and Elliott, M.R. (*Under Review*). Robust Bayesian Inference for Big Data: Combining Sensor-based Records with Traditional Survey Data. *Submitted to Annals of Applied Statistics*, January 2021. **Working paper:** <https://arxiv.org/abs/2101.07456>.
- [5] Conrad, F.G., Schober, M.F., Hupp, A.L., **West, B.T.**, Larsen, K.M., Ong, A.R.*, and Wang, T.* (*Under Review*). Video in Survey Interviews: Effects on Data Quality and Respondent Experience. *Submitted to Public Opinion Quarterly*, May 2021.
- [6] Kcomt, L., Boyd, C.J., Evans-Polce, R.J., Veliz, P.T., Engstrom, C.*, **West, B.T.**, and McCabe, S.E. (*Under Review*). Ethnic Discrimination, Sexual Orientation Discrimination, and DSM-5 Alcohol Use Disorder among U.S. Latinx/Hispanic Adults. *Submitted to Alcoholism: Clinical and Experimental Research*, February 2021.
- [7] Berlin, N.L., Chopra, Z., Bryant, A., Singh, S.R., Agius, J., Schulz, P., **West, B.T.**, and Kullgren, J.T. (*Under Review*). Compliance of United

- States Hospitals with a Federal Regulation to Publish Online Standard Charge Information. *Submitted to Health Affairs, April 2021.*
- [8] Chen, J., Gilkey, M.S., Kavoussi, M., Wininger, J.D., Kavoussi, P.K., Machen, G.L., Jatinen, E., **West, B.T.**, Esqueda, A.S., Kavoussi, S., Chen, S., Barsky, M., Lebovic, D.I., and London, K. (*Under Review*). The effects of hysteroscopic morcellation of endometrial polyps on frozen embryo transfer outcomes. *Submitted to Fertility and Sterility, May 2021.*
- [9] Clements, J.M., **West, B.T.**, Albosta, M., Dettloff, K., Khader, D., Lu, V., Megaly, M., Patel, T., and Sassine, A. (*Under Review*). Race/Ethnicity Disparities in Emergency Room Visits and Hospitalizations among Individuals with Diabetes-Related Multiple Chronic Conditions. *Submitted to Michigan Journal of Public Health, May 2021.*
- [10] McCabe, S.E., Hughes, T., Fish, J., Hoak, S., Kcomt, L., Evans-Polce, R., Engstrom, C.*, Leary, K., Veliz, P., **West, B.T.**, McCabe, V.V., and Boyd, C.J. (*Under Review*). Is it all in the family? Sexual identity differences in DSM-5 alcohol and other drug use disorders and associations with alcohol and other drug misuse history among parents, offspring, and other relatives. *Submitted to Addiction, May 2021.*

(b) Under Revision

- [1] **West, B.T.**, Ong, A.R.*, Conrad, F.G., Schober, M.F., Larsen, K., and Hupp, A. (*Revise and Resubmit*). Interviewer Effects in Live Video and Recorded-Video Interviewing. *Submitted to Journal of Survey Statistics and Methodology, December 2020.*
- [2] Elliott, M.R., **West, B.T.**, Zhang, X.*, and Coffey, S.* (*Revise and Resubmit*). The Anchoring Method: Estimation of Interviewer Effects in the Absence of Interpenetrated Assignment. *Submitted to Survey Methodology, December 2020.*
- [3] Ren, W., Krenzke, T., and **West, B.T.** (*Revise and Resubmit*). An evaluation of the quality of interviewer and virtual observations and their value for nonresponse bias reduction. *Submitted to Survey Research Methods, November 2020.*
- [4] McCabe, S.E., Hughes, T.L., Beal, S., Evans-Polce, R., Kcomt, L., Engstrom, C.*, **West, B.T.**, Veliz, P.T., Leary, K., McCabe, V.V., and Boyd, C.J. (*Revise and Resubmit*). Childhood sexual abuse, suicide attempts, DSM-5 alcohol, tobacco, other substance and mental health disorders among sexual orientation subgroups in the U.S. *Submitted to Child Abuse & Neglect, December 2020.*
- [5] Carson T.L., Clarke P.J., Harlow S.D., Sonnevile K.R., **West B.T.**, Zernicke R.F., and Karvonen-Gutierrez, C.A. (*Revise and Resubmit*). Identifying latent classes of RED-S consequences in a sample of NCAA

DI female cross country runners. *Submitted to British Journal of Sports Medicine, January 2021.*

(c) In Preparation

- [1] Lee, S., Burton, P., Raghunthan, T.E., and **West, B.T.** (*In Preparation*). Combining Information from Multiple Data Sources to Improve Sampling Efficiency. *To be Submitted to methods, data, analyses, April 2021.*
- [2] Si, Y., **West, B.T.**, Veliz, P., Patrick, M., Schulenberg, J., and McCabe, S.E. (*In Preparation*). An Empirical Evaluation of Alternative Approaches to Adjusting for Attrition When Analyzing Longitudinal Survey Data on Adolescent Substance Use. *Journal TBD, 2021.*
- [3] Thaker, V.V., Deng, S., Zhou, C., **West, B.T.**, Si, Y., and Fennoy, I. (*In Preparation*). Population-level Changes in Homeostatic Model Assessment for Insulin Resistance (HOMA-IR) in US Youth Aged 12-18 Years, 1999-2018. *Journal TBD, 2021.*
- [4] **West, B.T.**, Si, Y., Veliz, P., Patrick, M., Schulenberg, J., and McCabe, S.E. (*In Preparation*). A Simulation Study of Alternative Approaches to Adjusting for Attrition When Analyzing Longitudinal Survey Data. *Journal TBD, 2021.*
- [5] **West, B.T.**, Suolang, D.*, Almirall, D., and Wagner, J. (*In Preparation*). Toward the Optimization of Responsive and Adaptive Designs. *Journal TBD, 2021.*

PRESS RELEASES

New York Times, January 3, 2009:

https://www.nytimes.com/2009/01/04/sports/ncaaf/04score.html?_r=1&em

Wall Street Journal, April 22, 2016:

<https://www.wsj.com/articles/how-uncle-sam-conducts-surveys-1461334374>

American Statistical Association News, July 2018:

<https://www.amstat.org/asa/files/pdfs/pressreleases/JSM2018-Alarming-Error-Common-in-Survey-Analyses.pdf>

TEACHING: SHORT COURSES AND TUTORIALS

- 2002 Introduction to SPSS (University of Michigan Undergraduate Research Opportunity Program (UROP) students, two three-hour sessions)
- 2003 Issues in Analysis of Complex Sample Survey Data (three three-hour sessions, three occasions, Center for Statistical Consultation and Research [CSCAR])

- 2003 Introduction to SPSS (eight two-hour sessions, three occasions, CSCAR)
- 2003 Multivariate Techniques (one four-hour computer lab session, CSCAR)
- 2003 Statistical Analysis with R (1 Full Day, 1 Occasion, CSCAR)
- 2003 Intermediate Topics in SPSS (three two-hour sessions, one occasion, CSCAR)
- 2003 Guest Lecturer, Statistics for Engineers (U of M School of Engineering), 9/25/03
- 2004 Introduction to SPSS (eight two-hour sessions, three occasions, CSCAR)
- 2004 Intermediate Topics in SPSS (three two-hour sessions, two occasions, CSCAR)
- 2004 Introduction to Stata (seven two-hour sessions, one occasion, CSCAR)
- 2004 Issues in Analysis of Complex Sample Survey Data (three three-hour sessions, two occasions, CSCAR)
- 2004 Statistical Analysis with R (1 Full Day, 1 Occasion, CSCAR)
- 2004 Multivariate Techniques (one four-hour computer lab session, CSCAR)
- 2004 Guest Lecturer, ICPSR Summer Program (SPSS/R Training, 6/24/04)
- 2005 Intermediate Topics in SPSS (one four-hour session, for ICPSR staff, 9/21/05)
- 2005 Introduction to SPSS and Stata (one two-hour session at the Business School PhD Student Orientation, 8/31/05)
- 2005 Introduction to Stata 9 (one four-hour session, for ICPSR staff, 8/11/05)
- 2005 Introduction to Stata (eight two-hour sessions, one occasion, CSCAR)
- 2005 Guest Lecturer, ICPSR Summer Program (SPSS/R Training, 6/23/05)
- 2005 Applications of Hierarchical Linear Modeling (three full-day sessions, two occasions, CSCAR)
- 2005 Statistical Analysis with Missing Data (two two-hour computer labs, CSCAR)
- 2005 Multivariate Techniques (one four-hour computer lab session, CSCAR)
- 2005 Statistical Analysis with R (two three-hour sessions, one occasion, CSCAR)
- 2005 Intermediate Topics in SPSS (three two-hour sessions, two occasions, CSCAR)
- 2005 Introduction to SPSS (eight two-hour sessions, two occasions, CSCAR)
- 2005 Using the MIXED Procedure in SPSS (one two-hour session, 2/9/05, CSCAR)
- 2005 Guest Lecturer, Analysis of Complex Sample Survey Data (MPSM/JPSM: 11/29/05, 3 hours)
- 2006 Guest Lecturer, Analysis of Complex Sample Survey Data (12/12/06, 3 hours)
- 2006 Intermediate Topics in SPSS: Data Management and Macros (one full day session, one occasion, CSCAR)
- 2006 Intermediate Topics in SPSS: Advanced Statistical Models (one full day session, one occasion, CSCAR)

- 2006 Introduction to Stata (one two-hour session at the Business School PhD Student Orientation, 8/30/06)
- 2006 Introduction to SAS for Financial Engineering Graduate Students (three eight-hour sessions, lecture and lab, one occasion)
- 2006 Issues in Analysis of Complex Sample Survey Data (three three-hour sessions, two occasions, CSCAR)
- 2006 Multivariate Techniques (one four-hour computer lab session, CSCAR)
- 2006 Intermediate Topics in SPSS (two three-hour sessions, one occasion, CSCAR)
- 2006 Introduction to Stata (six three-hour sessions, one occasion, CSCAR)
- 2007 Intermediate Topics in SPSS: Advanced Statistical Models (one full day session, one occasion, CSCAR)
- 2007 Intermediate Topics in SPSS: Data Management and Macros (one full day session, one occasion, CSCAR)
- 2007 Issues in Analysis of Complex Sample Survey Data (School of Social Work, Young Scholars Training: three three-hour sessions, one occasion)
- 2007 Introduction to R (two-hour training session for ICPSR computer consultants, June 21, 2007)
- 2007 Issues in Analysis of Complex Sample Survey Data (three three-hour sessions, one occasion, CSCAR)
- 2007 Multivariate Techniques: Logistic Regression (one all-day course, one occasion, CSCAR)
- 2007 Guest Lecturer, Analysis of Complex Sample Survey Data (MPSM/JPSM: 9/18/2007, 3 hours; 12/11/07, 3 hours)
- 2007 Applications of HLM (three all-day sessions, two occasions, CSCAR)
- 2007 Introduction to Stata (six three-hour sessions, one occasion, CSCAR)
- 2007 Introduction to SPSS (two three-hour sessions, one occasion, UM Flint, CSCAR)
- 2007 Statistical Analysis with R (three two-hour sessions, two occasions, CSCAR)
- 2008 Statistical Analysis with R (two four-hour sessions, one occasion, CSCAR)
- 2008 Orientation to Mathematics for Statistics (Michigan Program in Survey Methodology: 1.5 days, incoming Masters students)
- 2008 Applications of HLM (School of Social Work, ESIN Program: six three-hour sessions, one occasion)
- 2008 Applications of HLM using PHDCN Data (three all-day sessions at ICPSR for researchers supported by the National Institute of Justice)
- 2008 Data Management Topics in SAS, SPSS, and Stata (three all-day sessions, for ICPSR staff)

- 2008 Multivariate Techniques: Logistic Regression (one all-day course, one occasion, CSCAR)
- 2008 Issues in Analysis of Complex Sample Survey Data (one full-day session, one occasion, CSCAR)
- 2008 Guest Lecturer, Analysis of Complex Sample Survey Data (9/30/08, 3 hours)
- 2008 Introduction to Stata (six three-hour sessions, one occasion, CSCAR)
- 2008 Applications of HLM (three all-day sessions, two occasions, CSCAR)
- 2009 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2009 A Gentle Introduction to Statistical Programming with R. *Academy Health Webinar*, Two 100 minute sessions, recorded 10/18/09 (with Discussion board support).
- 2009 Orientation to Mathematics for Statistics (Michigan Program in Survey Methodology: 1.5 days, incoming Masters students)
- 2009 Applications of HLM (three all-day sessions, one occasion, CSCAR)
- 2009 Statistical Analysis with R (one all-day course, one occasion, CSCAR)
- 2009 Multivariate Techniques: Logistic Regression (one all-day course, one occasion, CSCAR)
- 2009 Intermediate Topics in SPSS: Advanced Statistical Models (one full day session, one occasion, CSCAR)
- 2009 Intermediate Topics in SPSS: Data Management and Macros (one full day session, one occasion, CSCAR)
- 2009 Guest Lecturer, Fundamentals of Survey Methodology (7/8/09, 2 hours)
- 2009 Guest Lecturer, Analysis of Complex Sample Survey Data (10/1/09, 3 hours)
- 2010 Guest Lecturer, Statistical Analysis for Epidemiologists (9/29/10, 1 hour)
- 2010 Guest Lecturer, Analysis of Complex Sample Survey Data (9/16/10, 3 hours; 9/30/10, 3 hours; 12/9/2010, 3 hours)
- 2010 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2010 Introduction to SAS (Michigan Program in Survey Methodology Student Orientation: 8/30/10, incoming Masters and PhD students)
- 2010 Statistical Analysis with Missing Data (one two-day course, one occasion, computing lab sessions, CSCAR)
- 2010 Statistical Analysis with R (one all-day course, one occasion, CSCAR)
- 2010 Logistic Regression and Related Techniques (one all-day session, one occasion, CSCAR)
- 2010 Guest Lecturer, Fundamentals of Survey Methodology (7/14/10, 1 hour)

- 2010 Applications of HLM (three all-day sessions, two occasions, CSCAR)
- 2010 Intermediate Topics in SPSS: Advanced Statistical Models (two half day sessions, one occasion, CSCAR)
- 2010 Intermediate Topics in SPSS: Data Management and Macros (two half day sessions, one occasion, CSCAR)
- 2011 Survey Statistics (Three-day Course Presented to International Audience of 15 Economists and Statisticians at the Deutsche Bundesbank in Frankfurt, Germany, 10/26/11 – 10/28/11)
- 2011 A Gentle Introduction to Statistical Analysis using R (One-day SAG Training Short Course Presented to the CDC, Atlanta, GA, 9/19/2011; Winner of Competitive Bidding Process)
- 2011 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2011 Orientation to Mathematics for Statistics (Michigan Program in Survey Methodology: 1.5 days, incoming Masters students)
- 2011 Statistical Analysis with Missing Data (one two-day course, one occasion, lectures and computing lab sessions, CSCAR)
- 2011 Logistic Regression and Related Techniques (one all-day session, one occasion, CSCAR)
- 2011 Analysis of Complex Sample Survey Data (two-day short course presented with Steven Heeringa to the Washington Statistical Society, Washington, D.C., 4/14/11 – 4/15/11)
- 2011 Intermediate Topics in SPSS: Advanced Statistical Models (two half day sessions, one occasion, CSCAR)
- 2011 Intermediate Topics in SPSS: Data Management and Macros (two half day sessions, one occasion, CSCAR)
- 2012 Analysis of Complex Sample Survey Data (one-day short course presented by invitation and sponsored by the Certificate Program in Survey Methodology, University of North Carolina-Chapel Hill, 11/15/2012)
- 2012 Computation of Complex Sample Survey Weights and Analysis of Complex Sample Survey Data using SAS and R (One-day SAG Training Short Course Presented to the CDC, Atlanta, GA, 11/5/2012; Winner of Competitive Bidding Process)
- 2012 Analysis of Complex Sample Survey Data (two-day course presented as a part of the CASS program at the University of Southampton, UK, July 16-17, 2012)
- 2012 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2012 Intermediate Topics in SPSS: Advanced Statistical Models (two half day sessions, one occasion, CSCAR)

- 2012 Intermediate Topics in SPSS: Data Management and Macros (two half day sessions, one occasion, CSCAR)
- 2013 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2013 Analysis of Complex Sample Survey Data (two-day course presented to faculty and staff of the International Migration Institute at the University of Oxford, UK, September 17-18, 2013)
- 2013 Intermediate Topics in SPSS: Advanced Statistical Models (two half day sessions, one occasion, CSCAR)
- 2013 Intermediate Topics in SPSS: Data Management and Macros (two half day sessions, one occasion, CSCAR)
- 2014 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2014 Multilevel Modeling: A Practical Overview (AAPOR Webinar, November 5, 2014)
- 2014 Multilevel Modeling with Complex Sample Survey Data (half-day short course presented at the 69th Annual Conference of the American Association for Public Opinion Research, May 14, 2014, Anaheim, CA)
- 2014 Guest Lecturer (One Class), Analysis of Complex Sample Survey Data (MPSM/JPSM, Fall 2014)
- 2014 Using Paradata in a Responsive Design Framework (two-day short course with Dr. James Wagner, presented for the Joint Program in Survey Methodology short-course program, May 5 and 6, 2014, Washington, DC)
- 2014 Analysis of Complex Sample Survey Data (one-day short course presented by invitation and sponsored by the Certificate Program in Survey Methodology, University of North Carolina-Chapel Hill, 3/20/2014)
- 2014 Intermediate Topics in SPSS: Advanced Statistical Models (two half day sessions, three occasions; latter two occasions “hybrid” workshop with 8 U-M participants and 20 “remote” Robert Wood Johnson fellows, CSCAR)
- 2014 Intermediate Topics in SPSS: Data Management and Macros (two half day sessions, one occasion, CSCAR)
- 2015 R for Survey Researchers: Getting Started (half-day short course presented at the 70th Annual Conference of the American Association for Public Opinion Research, May 13, 2015, Hollywood, FL)
- 2015 Intermediate Topics in SPSS: Advanced Statistical Models (Two Half-Day Sessions, One Occasion, CSCAR)
- 2015 Enhanced Nonresponse Bias Analysis (half-day short course, presented by invitation to staff of the National Center for Education Statistics, June 24, 2015, Washington, DC)

- 2015 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2016 Intermediate Topics in SPSS: Advanced Statistical Models (Two Half-Day Sessions, One Occasion, CSCAR)
- 2016 Using Paradata in a Responsive Design Framework (two-day short course with Dr. James Wagner, presented for the Joint Program in Survey Methodology short-course program, April 6 and 7, 2016, Washington, DC)
- 2016 An Applied Introduction to Structural Equation Modeling for Survey Researchers (half-day short course presented at the 71st Annual Conference of the American Association for Public Opinion Research, May 12, 2016, Austin, TX)
- 2016 Analysis of Complex Sample Survey Data (One-Day Short Course presented at the FHI360 Global Headquarters, August 15, 2016, Durham, NC)
- 2016 Guest Lecturer (One Class), HBHE 530: Techniques of Survey Research, October 13, 2016
- 2016 Fitting General Linear and Mixed-Effects (Multilevel) Models in SPSS (Three Half-Day Sessions, One Occasion, CSCAR)
- 2017 Fitting General Linear and Mixed-Effects (Multilevel) Models in SPSS (Three Half-Day Sessions, One Occasion, CSCAR)
- 2017 Alternative Survey Interviewing Techniques: Best Practices Suggested by the Literature (Presented 6/14/17, Nuremberg, Germany, with Panel Discussion)
- 2017 Survey Data Analysis and Visualization in R (AAPOR Webinar, July 11, 2017)
- 2017 Case Studies in Responsive Survey Design Research (Presented as part of the RSD Research Education Program, Ann Arbor, MI, July 26, 2017)
- 2017 Regression Analysis of Survey Data: A Primer (one-day short course, presented by invitation to staff and associates of the National Center for Education Statistics, August 16, 2017, Washington, DC)
- 2017 Guest Lecturer (One Class), HBHE 530: Computing Sample Sizes for Surveys / Approaches to Survey Data Analysis, October 12, 2017
- 2017 Issues in Analysis of Complex Sample Survey Data (One-Day Short Course presented at the Odum Institute, UNC-Chapel Hill, October 26, 2017)
- 2017 Classification and Regression Trees as Alternatives to Classical Regression Modeling (one-day short course, presented by invitation to staff and associates of the National Center for Education Statistics, November 1, 2017, Washington, DC)
- 2017 Issues in Analysis of Complex Sample Survey Data (two half-day sessions, one occasion, CSCAR)
- 2018 How to Interpret and Critically Evaluate Regression Analyses in Journal Articles and Technical Reports (one-day short course, presented by invitation to staff and associates of the National Center for Education Statistics, February 6, 2018, Washington, DC)

- 2018 Using Paradata in a Responsive Design Framework (two-day short course with Dr. James Wagner, presented for the Joint Program in Survey Methodology short-course program, April 9 and 10, 2018, Washington, DC)
- 2018 RSD: Basic Concepts and Theoretical Background (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 19, 2018)
- 2018 Case Studies in Responsive Survey Design Research (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 20, 2018)
- 2018 Two-Phase Sample Designs in a Responsive Survey Design Framework (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 25, 2018)
- 2018 Implementing, Managing, and Analyzing Interventions in a Responsive Survey Design Framework (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 26, 2018)
- 2018 Data Visualization in R (AAPOR Webinar, August 15, 2018)
- 2018 Multilevel Modeling with Complex Sample Survey Data (one-day short course, presented by invitation to staff and associates of the National Center for Education Statistics, August 20, 2018, Washington, DC)
- 2018 Total Survey Error: A Framework for High-Quality Survey Design (half-day short course presented with Paul Schulz as the very first workshop in the new Population Dynamics and Health Program (PDHP) Workshop Series, October 23, 2018, Ann Arbor, MI)
- 2019 Improving the Efficiency of Longitudinal Prevention Research using Responsive and Adaptive Survey Design Techniques (one-day short course with Dr. James Wagner, accepted after a competitive proposal process, presented to members of the Society for Prevention Research, May 28, 2019, San Francisco, CA)
- 2019 Survey Methodology for Health Services Researchers (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 17, 2019)
- 2019 RSD: Basic Concepts and Theoretical Background (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 18, 2019)
- 2019 Case Studies in Responsive Survey Design Research (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 18, 2019)
- 2019 Implementing, Managing, and Analyzing Interventions in a Responsive Survey Design Framework (Presented as part of the RSD Research Education Program, Ann Arbor, MI, June 21, 2019)
- 2019 Total Survey Error: A Guiding Framework for High-Quality Survey Design (half-day short course presented at the 2019 International Conference and Workshops on Survey Research Methodology, Academia Sinica, August 7, 2019, Taipei, Taiwan)
- 2019 Survey Weighting: Everything from Basic Concepts to Advanced Applications (half-day short course presented at the 2019 International Conference and

- Workshops on Survey Research Methodology, Academia Sinica, August 9, 2019, Taipei, Taiwan)
- 2019 Issues in Analysis of Complex Sample Survey Data (One-Day Short Course presented at the Odum Institute, UNC-Chapel Hill, September 16, 2019)
 - 2019 Design-Based Analysis of Survey Data (half-day short course presented as part of the Population Dynamics and Health Program (PDHP) Workshop Series, September 24, 2019, Ann Arbor, MI)
 - 2019 Guest Lecturer (One Class), SurvMeth 687: Applications of Statistical Modeling, September 27, 2019
 - 2019 Survey Weighting: Everything from Basic Concepts to Advanced Applications (workshop presented at the 2019 Annual Conference of the Midwest Association for Public Opinion Research (MAPOR), November 22, 2019, Chicago, IL)
 - 2020 Essential Tools for Working in R for Public Opinion and Survey Researchers (half-day short course presented at the 2020 Virtual Annual Conference of the American Association for Public Opinion Research (AAPOR), June 9, 2020)
 - 2020 Total Data Quality, Part I (Webinar presented virtually as part of the RSD Research Education Program, June 22, 2020)
 - 2020 Total Data Quality, Part II (Webinar presented virtually as part of the RSD Research Education Program, June 24, 2020)
 - 2020 Introduction to Survey Methodology (Webinar presented virtually as part of the RSD Research Education Program, June 26, 2020)
 - 2020 Case Studies in Responsive Design Research: Face-to-face and Phone Surveys (Webinar presented virtually as part of the RSD Research Education Program, July 1, 2020)
 - 2020 Interventions in a Responsive Survey Design Framework, Part I (Webinar presented virtually as part of the RSD Research Education Program, July 16, 2020)
 - 2020 Interventions in a Responsive Survey Design Framework, Part II (Webinar presented virtually as part of the RSD Research Education Program, July 17, 2020)
 - 2021 Issues in Analysis of Complex Sample Survey Data (Two-Day Short Course presented virtually for the Odum Institute, UNC-Chapel Hill, February 15-17, 2021)
 - 2021 Improving Quality and Controlling Costs in Clinical Trials using Responsive Survey Design (1.5-hour webinar presented virtually for the Society for Clinical Trials, April 6, 2021; with James Wagner)
 - 2021 Analysis of Complex Survey Data (Three-Day Short Course presented virtually for Statistical Horizons, May 6-8, 2021)
 - 2021 Analysis of Complex Survey Data (Three-Day Short Course presented virtually to selected NIH Fellows for Statistical Horizons, May 18-20, 2021)

TEACHING: FULL ACADEMIC COURSES FOR CREDIT

- 2005 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2006 Biostatistics Lecturer, Grant Development Course, U of M Radiology Department (February – September, 10% Effort)
- 2006 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2007 Mixed Effects Models with Applications (www.statistics.com, with Dr. Andrzej Galecki)
- 2007 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2007 Statistics for Nursing, University of Michigan-Flint (SPSS Training Portion)
- 2007 Biostatistics Lecturer, Grant Development Course, U of M Radiology Department (starting January, 10% Effort)
- 2008 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2008 Mixed Effects Models with Applications (www.statistics.com, with Dr. Andrzej Galecki)
- 2008 Statistics for Nursing, University of Michigan-Flint (SPSS Training Portion)
- 2009 Mixed and Hierarchical Linear Models (www.statistics.com, with Dr. Andrzej Galecki)
- 2009 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2010 Mixed and Hierarchical Linear Models (www.statistics.com, with Dr. Andrzej Galecki)
- 2010 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2010 Analysis of Survey Data from Complex Sample Designs (www.statistics.com, with Pat Berglund)
- 2011 Analysis of Survey Data from Complex Sample Designs (www.statistics.com, with Pat Berglund)
- 2011 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2011 Mixed and Hierarchical Linear Models (www.statistics.com, with Dr. Andrzej Galecki)
- 2012 Analysis of Complex Sample Survey Data (MPSM/JPSM, Fall 2012)
- 2012 Survey Practicum II (MPSM, Fall 2012)
- 2012 Analysis of Survey Data from Complex Sample Designs (www.statistics.com, with Pat Berglund)
- 2012 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2012 Applied Sampling (MPSM/JPSM/U.S. Census Bureau, Winter 2012)

- 2012 Survey Practicum (MPSM, Winter 2012)
- 2013 Analysis of Complex Sample Survey Data (MPSM/JPSM, Fall 2013)
- 2013 Total Survey Error I (MPSM/JPSM, Fall 2013)
- 2013 Analysis of Survey Data from Complex Sample Designs (www.statistics.com, with Pat Berglund)
- 2013 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2013 Mixed and Hierarchical Linear Models (www.statistics.com, with Dr. Andrzej Galecki)
- 2013 Inference for Complex Surveys (MPSM/JPSM, Winter 2013)
- 2013 Total Survey Error II (MPSM/JPSM, Winter 2013)
- 2014 Analysis of Survey Data from Complex Sample Designs (www.statistics.com, with Pat Berglund)
- 2014 Total Survey Error I (MPSM/JPSM, Fall 2014)
- 2014 Advanced Statistical Modeling (MPSM/JPSM, Fall 2014; **Note: I developed this original course on my own**)
- 2014 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2014 Mixed and Hierarchical Linear Models (www.statistics.com, with Dr. Andrzej Galecki)
- 2015 Measurement Error Models (MPSM, Winter 2015)
- 2015 Survey Practicum (MPSM, Winter 2015)
- 2015 Mixed and Hierarchical Linear Models (www.statistics.com, with Dr. Andrzej Galecki)
- 2015 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2015 Advanced Statistical Modeling (MPSM/JPSM, Fall 2015)
- 2015 Analysis of Survey Data from Complex Sample Designs (www.statistics.com)
- 2016 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2016 Applications of Statistical Modeling (MPSM/JPSM, Fall 2016)
- 2016 Analysis of Survey Data from Complex Sample Designs (www.statistics.com)
- 2017 Applied Sampling (MPSM/JPSM, Winter 2017)
- 2017 Survey Management (MPSM, Guest Lecture on Responsive Survey Design, 4/3/17)
- 2017 Survey Practicum (JPSM, Guest Lecture on Power Analysis and Sample Size Calculations, 5/3/17)
- 2017 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2017 Applications of Statistical Modeling (MPSM/JPSM, Fall 2017)

- 2017 Analysis of Survey Data from Complex Sample Designs (www.statistics.com)
- 2018 Applied Sampling (MPSM/JPSM, Winter 2018, with Yajuan Si)
- 2018 Survey Management (MPSM, Guest Lecture on Responsive and Adaptive Survey Design, 4/2/18)
- 2018 Analysis of Complex Sample Survey Data (ISR Summer Institute)
- 2018-Present Faculty Leader and Co-Developer, Coursera specialization *Statistics with Python* (3 MOOCs), <https://www.coursera.org/specializations/statistics-with-python> (launched December 11, 2018)
- 2018 Applications of Statistical Modeling (MPSM/JPSM, Fall 2018, with Yajuan Si)
- 2018 MPSM/JPSM Doctoral Seminar (MPSM/JPSM, Fall 2018, with Stanley Presser)
- 2018 Analysis of Survey Data from Complex Sample Designs (www.statistics.com)
- 2019 Applied Sampling (MPSM/JPSM, Winter 2019, with Yajuan Si)
- 2019 MPSM/JPSM Doctoral Seminar (MPSM/JPSM, Winter 2019, with Stanley Presser)
- 2019 SMP/QMP Methodological Seminar (Winter 2019)
- 2019 Analysis of Complex Sample Survey Data (Epidemiology 762; July 8-12, 2019)
- 2019 MPSM/JPSM Doctoral Seminar (MPSM/JPSM, Fall 2019, with Katharine Abraham)
- 2019 Analysis of Survey Data from Complex Sample Designs (www.statistics.com)
- 2020 MPSM Readings Course (Use of Auxiliary Variables in Survey Estimation, with Shiyu Zhang)
- 2020 Applied Sampling (MPSM/JPSM, Winter 2020, with Yajuan Si)
- 2020 MPSM/JPSM Doctoral Seminar (MPSM/JPSM, Winter 2020, with Katharine Abraham)
- 2020-Present Faculty Leader and Co-Developer, Coursera specialization *Total Data Quality* (Proposal for 3 MOOCs approved by the University of Michigan Center for Academic Innovation, February 2020)
- 2020 Analysis of Complex Sample Survey Data (2020 ISR Summer Institute, with Yajuan Si)
- 2020 MPSM/JPSM Doctoral Seminar (MPSM/JPSM, Fall 2020, with Katharine Abraham)
- 2020 Analysis of Survey Data from Complex Sample Designs (www.statistics.com)
- 2020 MPSM Readings Course (Responsive and Adaptive Survey Design, with Wenshan Yu)
- 2021 MPSM/JPSM Doctoral Seminar (MPSM/JPSM, Winter 2021, with Katharine Abraham)

- 2021 Analysis of Complex Sample Survey Data (MPSM/JPSM, Winter 2021, with Brian Kim)
- 2021 MPSM Readings Course (Responsive and Adaptive Survey Design, with Wenshan Yu)

CONTRIBUTED / TOPIC-CONTRIBUTED PROFESSIONAL PRESENTATIONS

- [1] **West, B.T.** (2001). Spatial Analysis of a Small Area Problem. *2002 Hawaii International Conference on Statistics and Related Fields.*
- [2] **West, B.T.** (2003). March Madness: A Critical Analysis and Evaluation of Potential Ranking Methods for NCAA Division I Basketball Teams. *2003 Hawaii International Conference on Statistics and Related Fields.*
- [3] **West, B.T.** (2006). A comparison of the reporting of problems encountered in the estimation of covariance parameters in linear mixed models using SAS, SPSS, R, Stata, and HLM. *2006 Joint Statistical Meetings, Seattle, WA.*
- [4] Gonzalez, Hector, Croghan, Thomas, Hinton, Ladson, **West, B.T.**, Williams, David R., Cao, Zhun, Alegria, Margarita, and Jackson, James S. (2006). Use and Misuse of Antidepressants in Nationally Representative Samples of Community-Dwelling Ethnic Minorities: Results from the National Latino Asian American Survey and the National Survey of American Life. *Presented at APHA 2006.*
- [5] **West, B.T.** (2007). Linear Mixed Models: An Update. *Presented at the January 25, 2007 meeting of the Ann Arbor Chapter of ASA.*
- [6] **West, B.T.** (2007). Subpopulation Analysis of Survey Data: Statistical Approaches and Software Options. *2007 Joint Statistical Meetings, Salt Lake City, UT.*
- [7] **West, B.T.** (2009). A Simulation Study of Alternative Weighting Class Adjustments for Nonresponse when Estimating a Population Mean from Complex Sample Survey Data. *Presented at the Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, 5/17/2009.*
- [8] **West, B.T.** (2009). A Randomized Experiment Investigating a Common Cause Model of Survey Nonresponse Error and Measurement Error. *Presented at the Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, 5/16/2009.*
- [9] **West, B.T.** (2009). A Simulation Study of Alternative Weighting Class Adjustments for Nonresponse when Estimating a Population Mean from Complex Sample Survey Data. *Presented at the Joint Statistical Meetings, Washington, DC, 8/3/2009.*
- [10] **West, B.T.** (2009). How Much of Interviewer Variance is Really Nonresponse Error Variance? *Michigan Program in Survey Methodology Brownbag Presentation, 11/13/09.*

- [11] **West, B.T.** (2010). An Examination of the Quality and Utility of Interviewer Estimates of Household Characteristics in the National Survey of Family Growth. *Presented at the Annual Meeting of the American Association for Public Opinion Research, Chicago, IL, 5/14/2010.*
- [12] **West, B.T.** (2010). How Much of Interviewer Variance is Really Nonresponse Error Variance? *Presented at the Annual Meeting of the American Association for Public Opinion Research, Chicago, IL, 5/16/2010.*
- [13] **West, B.T.** (2010). How Much of Interviewer Variance is Really Nonresponse Error Variance? *Presented at the 2010 International Total Survey Error Workshop, Stowe, Vermont, 6/14/2010.*
- [14] **West, B.T.** (2010). Fitting Multilevel Models to Complex Sample Survey Data. *Roundtable Discussion at the 2010 Joint Statistical Meetings, Vancouver, British Columbia, 8/4/2010.*
- [15] **West, B.T.** (2010). The Impact of Measurement Error in Auxiliary Variables on Model-based Estimation of Finite Population Totals: A Simulation Study. *Presented at the 2010 Joint Statistical Meetings, Vancouver, British Columbia, 8/5/2010.*
- [16] **West, B.T.** (2010). An Examination of the Quality and Utility of Interviewer Estimates of Household Characteristics in the National Survey of Family Growth. *Michigan Program in Survey Methodology Brownbag Presentation, 11/18/10.*
- [17] **West, B.T.** (2011). The PAIP Score: A Propensity-Adjusted Interviewer Performance Indicator. *Presented at the Annual Meeting of the American Association for Public Opinion Research, Phoenix, AZ, 5/12/2011.*
- [18] **West, B.T.** (2011). Strategies and Techniques for Improving the Accuracy of Interviewer Observations. *Presented at the Annual Meeting of the American Association for Public Opinion Research, Phoenix, AZ, 5/14/2011.*
- [19] **West, B.T.** (2011). How Much of Interviewer Variance is Really Nonresponse Error Variance? New Results from a National CAPI Survey in Germany. *Presented at the 2011 International Total Survey Error Workshop, Quebec City, Canada, 6/20/2011.*
- [20] **West, B.T.** (2011). How Much of Interviewer Variance is Really Nonresponse Error Variance? *Presented at the 2011 Joint Statistical Meetings, Miami Beach, Florida, 8/1/2011.*
- [21] **West, B.T.** (2011). Measurement Error in Survey Paradata. *Roundtable Discussion at the 2011 Joint Statistical Meetings, Miami Beach, Florida, 8/1/2011.*
- [22] **West, B.T.** (2011). Bayesian Analysis of Between-Group Differences in Variance Components in Hierarchical Generalized Linear Models. *Presented at the 2011 Joint Statistical Meetings, Miami Beach, Florida, 8/2/2011.*

- [23] **West, B.T.** (2012). Nonresponse Adjustment Based on Auxiliary Variables Subject to Error. *Presented at the 2012 Federal Committee on Statistical Methodology (FCSM) Conference, 1/12/2012.*
- [24] Wagner, J., Lepkowski, J.M., **West, B.T.**, Couper, M.P., Kirgis, N., Axinn, W., and Mosher, W. (2012). Examining the Impact of Nonresponse on Estimates from the 2006-2010 Continuous NSFG. *Presented at the Annual Meeting of the American Association for Public Opinion Research, Orlando, FL.*
- [25] **West, B.T.**, Kreuter, F., and Trappmann, M. (2012). Observational Strategies Associated with Increased Accuracy of Interviewer Observations in Employment Research. *Presented at the Annual Meeting of the American Association for Public Opinion Research, Orlando, FL, 5/18/2012.*
- [26] **West, B.T.** (2012). An Overview of Current Software Procedures for Fitting Linear Mixed Models. *Presented at the 2012 Joint Statistical Meetings, San Diego, California, 8/1/2012.*
- [27] Buskirk, T.D., Burks, A., and **West, B.T.** (2013). Growing Survey Response Rates on Trees: Evaluation of Response Propensity Models Based on Logistic Regression Models and Random Forests Using Block-Group Information Appended to an ABS Sampling Frame. *Presented at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Boston, MA, May 2013.*
- [28] **West, B.T.** (2013). Effective Strategies for Collecting Interviewer Observations. *Roundtable Discussion Presented at the Interviewer-Respondent Interaction Workshop, Boston, MA, 5/15/2013.*
- [29] **West, B.T.** (2013). Frequentist and Bayesian Approaches for Comparing Interviewer Variance in Two Groups of Survey Interviewers. *Presented at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Boston, MA, 5/16/2013.*
- [30] **West, B.T.** (2013). The Use of Paradata (and Specifically Interviewer Observations) in Nonresponse Adjustments. *Invited Panel Discussion at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Boston, MA, 5/17/2013.*
- [31] **West, B.T.** (2013). Interviewer Effects: Where do they come from, why do we care, and what can we do? Current research and gaps in knowledge. *Invited talk presented for the All-Staff Meeting of the Survey Research Center, University of Michigan-Ann Arbor, 5/21/2013.*
- [32] **West, B.T.** (2013). The Use of Paradata in Survey Research. *Presented at the Weekly Research Seminar for Junior Fellows in the Joint Program in Survey Methodology (JPSM), College Park, MD, 6/27/2013.*
- [33] **West, B.T.** (2013). The Implications of Differential Measurement Error in Interviewer Observations for Nonresponse Adjustment of Survey Estimates: A Simulation Study. *Presented at the Joint Statistical Meetings, Montreal, Canada, 8/6/2013.*

- [34] Buskirk, T.D., **West, B.T.**, and Burks, A. (2013). Respondents: Who Art Thou? Comparing Internal, Temporal, and External Validity of Survey Response Propensity Models Based on Random Forests and Logistic Regression Models. *Presented at the Joint Statistical Meetings, Montreal, Canada, 8/7/2013.*
- [35] Wittman, D., **West, B.T.**, et al. (2013). Couples' Sexual Recovery Trajectory After Surgery for Prostate Cancer: Change in Sexual Function, Sexual Satisfaction and Dyadic Satisfaction. *Presented at the 2014 Annual Conference of the Society for Social Work and Research.*
- [36] Wang, Y., **West, B.T.**, and Liu, M. (2013). Interviewer perceptions of Survey Data Quality. *Presented at the 38th Annual conference of the Midwest Association for Public Opinion Research (MAPOR), Chicago, IL, 11/23/2013.*
- [37] Yan, H., **West, B.T.**, Conrad, F.G., and Schober, M.F. (2013). Comparing Interviewer Variance Components Between Telephone and Text Message Interviews. *Presented at the 38th Annual conference of the Midwest Association for Public Opinion Research (MAPOR), Chicago, IL, 11/23/2013.*
- [38] Wang, Y., **West, B.T.**, and Liu, M. (2014). Interviewer Perception of Survey Data Quality in a Long Face-to-face Survey. *Presented at the 69th Annual conference of the American Association for Public Opinion Research (AAPOR), Anaheim, CA, 5/16/2014.*
- [39] **West, B.T.**, Wagner, J., Gu, H. and Hubbard, F. (2014). The utility of alternative commercial data sources for survey operations and estimation: Evidence from the National Survey of Family Growth. *Presented at the 69th Annual conference of the American Association for Public Opinion Research (AAPOR), Anaheim, CA, 5/16/2014.*
- [40] **West, B.T.** and Krueger, B.S. (2014). What can paradata tell us about nonresponse bias after standard post-stratification adjustments? *Presented at the 69th Annual conference of the American Association for Public Opinion Research (AAPOR), Anaheim, CA, 5/15/2014.*
- [41] **West, B.T.**, Kreuter, F., and Trappmann, M. (2014). Is the Collection of Interviewer Observations Worthwhile in an Economic Panel Survey? New Evidence from the German Labour Market and Social Security (PASS) Study. *Presented at the Michigan Panel Survey Workshop (MPSW), Ann Arbor, MI, 5/21/2014.*
- [42] **West, B.T.** (2014). Software for Fitting Mixed-Effects Models to Complex Sample Survey Data: Current State-of-the-art and Future Directions. *Presented at the 2014 Joint Statistical Meetings, Boston, MA, 8/6/2014.*
- [43] Li, D. and **West, B.T.** (2014). Strategies used by Interviewers to Estimate Household Response Propensity in the National Survey of Family Growth. *Presented to the National Survey of Family Growth Production Team, Ann Arbor, MI, 8/7/2014.*

- [44] **West, B.T.** and Elliott, M.R. (2014). New methodologies for the study and decomposition of interviewer effects in surveys. *Presented at the International Total Survey Error Workshop (ITSEW), Washington, DC, 10/2/14.*
- [45] Weiser, J., Beer, L., Brooks, J., Irwin, K., Skarbinski, J., **West, B.T.**, Duke, C., and Gremel, G. (2015). Delivery of Antiretroviral Therapy Adherence Support Services by HIV Care Providers in the United States. *Selected for Oral Presentation at the 10th International Conference on HIV Treatment and Prevention Adherence (IAPAC).*
- [46] Couper, M.P., Kelley, J., Axinn, W.G., Guyer, H., Wagner, J., and **West, B.T.** (2015). Smartphone and Internet Coverage in the National Survey of Family Growth. *Presented at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Hollywood, FL.*
- [47] Peytcheva, E. and **West, B.T.** (2015). Can Interviewer Behaviors During ACASI Affect Data Quality? *Presented at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Hollywood, FL.*
- [48] Mittereder, F., Durow, J., **West, B.T.**, Kreuter, F., and Conrad, F. (2015). Interviewer-Respondent Interactions in Conversational and Standardized Interviewing. *Presented at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Hollywood, FL.*
- [49] **West, B.T.**, Conrad, F., Kreuter, F., and Mittereder, F. (2015). Comparing the Interviewer Variance Introduced by Conversational and Standardized Interviewing. *Presented at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Hollywood, FL.*
- [50] **West, B.T.**, Ma, Y., and Li, D. (2015). Effective Observational Strategies for Face-to-Face Survey Interviewers. *Presented at the Annual Conference of the American Association for Public Opinion Research (AAPOR), Hollywood, FL.*
- [51] Mittereder, F., Durow, J., **West, B.T.**, Kreuter, F., and Conrad, F. (2015). Interviewer-Respondent Interactions in Conversational and Standardized Interviewing. *Presented at the Annual Conference of the European Survey Research Association (ESRA), Reykjavik, Iceland, July 2015.*
- [52] Li, D. and **West, B.T.** (2015). Effective Strategies for Collecting Interviewer Observations to be Used for Nonresponse Adjustment. *Presented at the 2015 Joint Statistical Meetings, Seattle, WA, 8/9/2015.*
- [53] **West, B.T.**, Conrad, F.G., Kreuter, F., Mittereder, F., and Durow, J. (2015). Decomposing the Interviewer Variance Introduced by Standardized and Conversational Interviewing. *Presented at the 2015 Joint Statistical Meetings, Seattle, WA, 8/11/2015.*
- [54] Couper, M.P., Kelley, J., Axinn, W.G., Guyer, H., Wagner, J., and **West, B.T.** (2015). Internet and Smartphone Coverage in a National Health Survey: Implications for Alternative Modes. *Presented at the Annual Conference of the Federal Committee on Statistical Methodology (FCSM), Washington, D.C.*

- [55] Aurelien, G.A., **West, B.T.**, and Sakshaug, J. (2016). How big of a problem is analytic error in secondary analyses of survey data? *Presented at the 2016 annual conference of AAPOR, Austin, TX.*
- [56] **West, B.T.**, Conrad, F.G., Kreuter, F. and Mittereder, F. (2016). Decomposing the Interviewer Variance Introduced by Standardized and Conversational Interviewing. *Presented at the 2016 annual conference of AAPOR, Austin, TX.*
- [57] **West, B.T.**, Ghimire, D., and Axinn, W.G. (2016). Evaluating a Modular Design Approach to Collecting Survey Data Using Text Messages. *Presented at the 2016 annual conference of AAPOR, Austin, TX.*
- [58] Craw, J., Bradley, H., Gremel, G., **West, B.T.**, Duke, C.C., Beer, L., and Weiser, J. (2016). Retention in Care Services among HIV Primary Care Providers in the United States – National HIV Provider Survey, 2013-2014. *Presented at the 11th International Conference on HIV Treatment and Prevention Adherence, May 9-11, 2016, Hollywood, FL.*
- [59] Yan, Y.*, Elliott, M., **West, B.T.**, and Waldron, W. (2016). Generating Correlated Synthetic Binary Indicators of Radio Listening Behavior for Long-Term Projections. *Presented at the 2016 Joint Statistical Meetings, Chicago, IL. Note: This “SPEED” presentation was a winner of the Survey Research Methods Section Poster Award.*
- [60] Elliott, M. and **West, B.T.** (2016). Estimating Interviewer Effects in Surveys. *Presented at the 2016 Joint Statistical Meetings, Chicago, IL.*
- [61] Sakshaug, J.W., **West, B.T.**, and Aurelien, G.A.S*. (2016). Quantifying the Prevalence of Analytic Errors in Secondary Analyses of Complex Sample Survey Data. *Presented at the 9th International Conference on Social Science Methodology (RC33), Session on Meta-Analysis in Survey Methodology, September 13, 2016. <http://www2.le.ac.uk/departments/sociology/research/rc33-conference>*
- [62] Fischer, M.*, **West, B.T.**, Elliott, M.R., and Kreuter, F. (2017). Interviewer Effects on Regression Coefficients. *Paper selected for oral presentation at the 2017 Michigan Student Symposium for Interdisciplinary Statistical Sciences, Ann Arbor, MI, March 24, 2017.*
- [63] Mittereder, F.* and **West, B.T.** (2017). Predicting Breakoff in Web Surveys. *Paper selected for oral presentation at the 2017 Michigan Student Symposium for Interdisciplinary Statistical Sciences, Ann Arbor, MI, March 24, 2017.*
- [64] Malmberg-Heimonen, I.E., **West, B.T.**, and Vuori, J. (2016). The beneficial effects of the job-search interventions on reemployment and labor force participation – evidence from two Finnish randomized controlled trials with long-term follow-ups. *Paper presented at the Society for Social Work and Research 21st Annual Conference.*
- [65] Jiang, Y., **West, B.T.**, Barton, D. & Harris, M. Acceptance and Use of eHealth/mHealth Technologies for Self-Management among Cancer Survivors.

- Paper presented at Medinfo 2017: the 16th World Congress on Medical and Health Informatics, August 21-25, 2017, Hangzhou, China.*
- [66] Mittereder, F.* and **West, B.T.** (2017). Predicting Breakoff in Web Surveys. *Paper Presented at the 2017 Women in Statistics and Data Science Conference.*
- [67] Fischer, M., **West, B.T. (presenter)**, Elliott, M.R., and Kreuter, F. (2017). Interviewer Effects on Regression Coefficients. *Presented at the 2017 annual conference of AAPOR, New Orleans, LA.*
- [68] Elliott, M.R. and **West, B.T.** (2017). Estimating Interviewer Effects in the Absence of Interpenetration. *Presented at the 2017 annual conference of AAPOR, New Orleans, LA.*
- [69] Mittereder, F.* and **West, B.T.** (2017). Predicting Breakoff in Web Surveys. *Presented at the 2017 annual conference of AAPOR, New Orleans, LA.*
- [70] Mittereder, F.* and **West, B.T.** (2017). Predicting Breakoff in Web Surveys. *Presented at the 2017 annual conference of the European Survey Research Association (ESRA), Lisbon, Portugal.*
- [71] Fischer, M.*, **West, B.T.**, Elliott, M.R., and Kreuter, F. (2017). The Impact of Interviewer Effects on Regression Coefficients. *Presented at the 2017 annual conference of MAPOR, Chicago, IL.*
- [72] Muraro, I.S.*, **West, B.T.**, and Wagner, J. (2017). Optimal Timing for Incentive Changes in a Long-Standing Panel Survey with High Calling Volume. *Presented at the 2017 annual conference of MAPOR, Chicago, IL.*
- [73] Mittereder, F.* and **West, B.T.** (2017). Can Previous Response Behavior Predict Future Breakoff in Web Surveys? *Presented at the 2017 annual conference of MAPOR, Chicago, IL. This paper also won the MAPOR Student Paper Award Competition, leading to an additional (updated) presentation at the 2018 Annual AAPOR Conference.*
- [74] Mittereder, F.* and **West, B.T.** (2018). Can Response Behavior Predict Breakoff in Web Surveys? *Presented at the 2018 General Online Research Conference, Cologne, Germany.*
- [75] Kullgren, J.T., Cliff, E.Q., Krenz, C., Levy, H., **West, B.T.**, Fendrick, A.M., and Fagerlin, A. Facilitators of and Barriers to Engagement in Cost-Conscious Behaviors Among Americans in High-Deductible Health Plans. *Paper presented at the 2018 Society of General Internal Medicine Annual Meeting. Denver, CO. April 11-14, 2018.*
- [76] **West, B.T.**, Elliott, M.R., Mneimneh, Z., Wagner, J., Peytchev, A., and Trappmann, M. (2018). An Examination of an Interviewer-Respondent Matching Protocol in a Longitudinal CATI Study. *Paper Presented at the 2018 Annual Conference of the American Association for Public Opinion Research.*
- [77] **West, B.T.** (2018). Effective Data Visualization for Surveys. *PORTAL Presentation at the 2018 Annual Conference of the American Association for Public Opinion Research.*

- [78] Little, R.J.A., **West, B.T.**, Boonstra, P., and Hu, J.* (2018). Measures of Degree of Departure from Ignorable Sample Selection for Non-Probability Samples. *Paper Presented at the 2018 Annual Conference of the American Association for Public Opinion Research.*
- [79] Guyer, H., Chang, W., and **West, B.T.** (2018). Using paradata to develop and implement an interviewer performance profile for monitoring and evaluating interviewer performance. *Paper presented at the 2018 FedCASIC Conference.*
- [80] Kullgren, J.T., Cliff, E.Q., Krenz, C., Levy, H., **West, B.T.**, Fendrick, A.M., and Fagerlin, A. (2018). Facilitators of and Barriers to Engagement in Cost-Conscious Behaviors Among Americans in High-Deductible Health Plans. *Presented at the 2018 AcademyHealth Annual Research Meeting, Seattle, WA, June 2018.*
- [81] McCabe, S.E., **West B.T.**, Strobbe, S., and Boyd, C.J. (2018). Remission from DSM-5 alcohol and other substance use disorders in the United States: The role of sexual orientation and other correlates. *Presented at the 41st annual scientific meeting of the Research Society on Alcoholism, San Diego, California.*
- [82] Cliff, E.Q., Krenz, C., **West, B.T.**, Levy, H., Fendrick, A.M., Winkelman, T., Fagerlin, A., and Kullgren, J. (2018). Attitudes about Consumer Behaviors Among Americans in High-Deductible Health Plans. *Presented at the 2018 AcademyHealth Annual Research Meeting, Seattle, WA, June 2018.*
- [83] Boyd, C.J., Strobbe, S., **West, B.T.**, and McCabe, S.E. (2018). Of Substance: Stressful Life Events and Substance Use in a National Sample. *Presented at the 2018 College on Problems of Drug Dependence conference, San Diego, CA, June 9-14, 2018.*
- [84] McCabe, S.E., Boyd, C.J., Teter, C.J., **West, B.T.**, Veliz, P., Ford, J.A., Pomykacz, C., and Schepis, T.S. (2018). Sources of Prescription Drug Misuse among U.S. Emerging Adults. *Presented at the 2018 College on Problems of Drug Dependence conference, San Diego, CA, June 9-14, 2018.*
- [85] **West, B.T.**, Boonstra, P., Little, R.J.A., Hu, J., and Alvarado-Leiton, F. (2018). How non-ignorable is the selection bias in non-probability samples? An illustration of new measures using a large genetic study on Facebook. *Paper presented at the BigSurv18 Conference (www.bigsurv18.org), Barcelona, Spain, October 26, 2018.*
- [86] **West, B.T.** and Sakshaug, J.W. (2018). The Problem of Analytic Error in Secondary Analysis of Survey Data: What We Know, and What We Need to Do About It. *Presented at the 2018 International Total Survey Error Workshop (ITSEW), Duke University, June 4-6, 2018.*
- [87] **West, B.T.** and Sakshaug, J.W. (2018). The Problem of Analytic Error in Secondary Analysis of Survey Data: What We Know, and What We Need to Do About It. *SPEED presentation, 2018 Joint Statistical Meetings, Vancouver, BC. Note: this contributed presentation was awarded outstanding SPEED presentation by the Survey Research Methods Section of ASA.*

- [88] Ren, W., Krenzke, T., and **West, B.T.** (2018). An Evaluation of Interviewer Observation Accuracy in the Food Acquisition and Purchasing Survey Pilot Study. *Presented at the 2018 Joint Statistical Meetings, Vancouver, BC.*
- [89] Josten, M., Schroeder, H., **West, B.T.**, Yan, T. and Kreuter, F. (2019). Utility of Interviewer Observations on the Survey Response Process. *Paper presented at the 2019 Workshop "Interviewers and their Effects from a Total Survey Error Perspective", Lincoln, NE, February 2019.*
- [90] Kolenikov, S., **West, B.T.**, Lugtig, P.J., and Holland, B. (2019). Complex Sampling Design Settings: Bridging Technical Documentation and Applied Researcher Software Use. *Presented at the 2019 NADDI conference (naddiconf.org/2019), Ottawa, Canada, April 2019.*
- [91] Andridge, R.R., **West, B.T.**, Boonstra, P., Little, R.J.A., and Alvarado-Leiton, F. (2019). Measures of Selection Bias for Proportions Estimated from Non-Probability Samples. *Paper presented at the 2019 annual conference of the American Association for Public Opinion Research (AAPOR), Toronto, Ontario, May 2019.*
- [92] **West, B.T.**, Wagner, J., Elliott, M.R., and Coffey, S. (2019). Formulating Prior Information for Bayesian Approaches to Responsive Survey Design. *Paper presented at the 2019 annual conference of the American Association for Public Opinion Research (AAPOR), Toronto, Ontario, May 2019.*
- [93] Hu, M., He, W., Suolong, D.*, Zhang, S.*, **West, B.T.**, Zhang, X., and Kirlin, J.A. (2019). Response patterns in a multi-day diary survey: implications for adaptive design. *Paper presented at the 2019 annual conference of the American Association for Public Opinion Research (AAPOR), Toronto, Ontario, May 2019.*
- [94] Wagner, J., Elliott, M.R., **West, B.T.**, and Coffey, S. (2019). Using Machine Learning Models to Predict Costs under Alternative Designs in a Responsive Design Framework. *Paper presented at the 2019 annual conference of the European Survey Research Association (ESRA), July 18, 2019.*
- [95] Kolenikov, S., **West, B.T.**, and Lugtig, P.J. (2019). Documentation of survey settings in public use data sets. *Paper presented at the 2019 Joint Statistical Meetings, Denver, CO, July 29, 2019.*
- [96] Coffey, S., **West, B.T.**, Wagner, J., and Elliott, M.R. (2019). What Do You Think? Using Expert Opinion to Improve Predictions of Response Propensity Under a Bayesian Framework. *Paper presented at the 2019 Joint Statistical Meetings, Denver, CO, July 30, 2019.*
- [97] Wagner, J., Elliott, M., **West, B.T.**, and Coffey, S. (2019). Predicting survey costs under alternative designs in a responsive design framework. *Paper presented at the 6th International Workshop for Advances in Adaptive and Responsive Survey Design, November 5, 2019, United States Census Bureau.*
- [98] Coffey, S., **West, B.T.**, Wagner, J., and Elliott, M. (2019). Do experts agree? Examining Bayesian priors developed from expert elicitation. *Paper presented at*

- the 6th International Workshop for Advances in Adaptive and Responsive Survey Design, November 5, 2019, United States Census Bureau.*
- [99] Ong, A., Conrad, F.G., Larsen, K., Schober, M., Hupp, A., and **West, B.T.** (2019). What can we learn about data quality from video communication paradata? *Presented at the November 2019 annual conference of the Midwest Association for Public Opinion Research (MAPOR).*
- [100] Conrad, F.G., Schober, M., Ong, A., Larsen, K., Hupp, A., and **West, B.T.** (2019). Making the most of what we've got: Using video communication technologies to collect survey data. *Presented at the November 2019 annual conference of the Midwest Association for Public Opinion Research (MAPOR).*
- [101] **West, B.T.**, Yan, T., Kreuter, F., and Josten, M. (2019). Examining the Utility of Interviewer Observations on the Survey Response Process. *Presented at the November 2019 annual conference of the Midwest Association for Public Opinion Research (MAPOR).*
- [102] **West, B.T.**, Guyer, H., and Chang W. (2020). Using Paradata to Develop and Implement an Interviewer Performance Profile for Monitoring and Evaluating Interviewer Performance. *Paper presented at the 2020 annual conference of the American Association for Public Opinion Research (AAPOR), Atlanta, Georgia, May 2020 (PRESENTED VIRTUALLY DUE TO COVID-19).*
- [103] **West, B.T.**, Little, R.J.A., Andridge, R.R., Boonstra, P., Ware, E.B., Pandit, A., and Alvarado-Leiton, F. (2020). Measures of Selection Bias in Regression Coefficients Estimates from Non-Probability Samples. *Paper presented at the 2020 annual conference of the American Association for Public Opinion Research (AAPOR), Atlanta, Georgia, May 2020 (PRESENTED VIRTUALLY DUE TO COVID-19).*
- [104] Conrad, F.G., Schober, M., Ong, A., Larsen, K., Hupp, A., and **West, B.T.** (2020). Interviewers, Video, and Survey Data Collection. *Paper presented at the 2020 annual conference of the American Association for Public Opinion Research (AAPOR), Atlanta, Georgia, May 2020 (PRESENTED VIRTUALLY DUE TO COVID-19).*
- [105] Hu, M., Kirlin, J., **West, B.T.**, He, W., Ong, A., Zhang, S., and Zhang, X. (2020). Estimation of underreporting in diary surveys: An application using the U.S. Food Acquisition and Purchase Survey. *Paper presented at the 2020 annual conference of the American Association for Public Opinion Research (AAPOR), Atlanta, Georgia, May 2020 (PRESENTED VIRTUALLY DUE TO COVID-19).*
- [106] **West, B.T.**, Elliott, M.R., Wagner, J., Coffey, S., and Zhang, X. (2020). Eliciting Priors for Bayesian Prediction of Daily Response Propensity in Responsive Survey Design: Historical Data Analysis vs. Literature Review. *Paper presented at the 2020 virtual Joint Statistical Meetings (JSM), August 6, 2020.*
- [107] Coffey, S.*, **West, B.T.**, Wagner, J., and Elliott, M.R. (2020). Leveraging Expert Opinion and External Data to Improve Prediction of Daily Response Propensity in a Bayesian Framework for Responsive Survey Design. *Paper presented at the Virtual BigSurv20 Conference (Utrecht, Netherlands), November 13, 2020.*

- [108] Wagner, J., Elliott, M.R., **West, B.T.**, and Coffey, S.* (2020). Alternative Modeling Approaches to Predicting Costs in a Responsive Design Framework. *Paper presented at the Virtual BigSurv20 Conference (Utrecht, Netherlands), November 13, 2020.*
- [109] **West, B.T.**, Elliott, M.R., Wagner, J., and Coffey, S.* (2020). Improving Bayesian Prediction of Daily Response Propensity in Responsive Design with Data-Driven Priors. *Paper presented at the Virtual BigSurv20 Conference (Utrecht, Netherlands), November 13, 2020.*
- [110] **West, B.T.**, Little, R.J.A., Andridge, R.R., Boonstra, P.S., Alvarado-Leiton, F.*, Pandit, A., and Ware, E.B. (2020). Measures of Selection Bias in Regression Coefficients Estimated from Non-Probability Samples. *Paper presented at the Virtual BigSurv20 Conference (Utrecht, Netherlands), November 20, 2020.*
- [111] Conrad, F.G., Schober, M.F., Hupp, A.E., **West, B.T.**, Larsen, K., Ong, A.R., and Wang, T. (2020). Surveying Older Populations using Video Communication Technologies. *Presented virtually at the Michigan Center on the Demography of Aging (MiCDA) Pilot Symposium, May 21, 2020, Ann Arbor, MI.*
- [112] **West, B.T.**, Couper, M.P., Axinn, W.G., Gatny, H., and Schroeder, H. (2020). A Web-Based Event History Calendar Approach for Measuring Contraceptive Use Behavior. *Paper presented at the 2020 virtual conference of the Midwest Association for Public Opinion Research, November 20-21, 2020.*
- [113] Thaker, V.V., Deng, S., Zhou, C., **West, B.T.**, Si, Y., and Fennoy, I. (2021). HOMA-IR Levels in US Youth Ages 12-19 Years from 1999-2018. *Paper presented at the 2021 Virtual Annual Meeting of the Endocrine Society.*
- [114] Kcomt, L., Boyd, C.J., Evans-Polce, R.J., Veliz, P.T., Engstrom, C.*, **West, B.T.**, Dean, F., and McCabe, S.E. (2021). Ethnic Discrimination, Sexual Orientation Discrimination, and DSM-5 Alcohol Use Disorder among U.S. Latinx/Hispanic Sexual Minority Adults. *Paper presented at the 2021 School of Nursing Research Day Virtual Conference (Virtual Presentation, April 5-6).*
- [115] McCabe, S.E., Hughes, T.L., Fish, J., Hoak, S., Kcomt, L., Evans-Polce, R. J., Veliz, P. T., Engstrom, C.*, **West, B.T.**, and Boyd, C. J. (2021). Is it all in the family? Sexual identity differences in alcohol and other drug use history among offspring and other relatives. *Paper presented at the 2021 School of Nursing Research Day Virtual Conference (Virtual Presentation, April 5-6).*
- [116] Kaderabek, A.*, **West, B.T.**, Kirilin, J.A., Page, E.T., and Gonzalez, J.M. (2021). Is “proof of purchase” really proof? Validating survey reports of food expenditures using point-of-sale receipts. *Paper presented at the 2021 Virtual Fed-CASIC Conference, April 13-14, 2021.*
- [117] Eze, C.*, **West, B.T.**, Dorsch, M., Coe, A., Lester, C., Buis, L., and Farris, K. (2021). mHealth Technology Use Among Hypertensive Patients: A Secondary Analysis of HINTS Data. *Virtual podium presentation at the American Pharmacists Association 2021 Meeting, May 12-15, 2021.*

- [118] Elliott, M.R. and **West, B.T.** (2021). The Anchoring Method: A Bayesian Approach to Estimating Interviewer Effects in the Absence of Interpenetrated Assignment. *Paper presented at the 2021 Virtual Conference of the American Association for Public Opinion Research (AAPOR)*.
- [119] **West, B.T.**, Chang, W., and Zmich, A.* (2021). An Experimental Evaluation of Alternative Methods for Case Prioritization in Responsive Survey Design. *Paper presented at the 2021 Virtual Conference of the American Association for Public Opinion Research (AAPOR)*.
- [120] Ong, A.R.*, **West, B.T.**, Conrad, F.G., Schober, M.F., Larsen, K., and Hupp, A. (2021). Interviewer Effects in Video-Mediated and Video-Assisted Interviewing. *Paper presented at the 2021 Virtual Conference of the American Association for Public Opinion Research (AAPOR)*.
- [121] Seidenberg, A.B., Moser, R.P., and **West, B.T.** (2021). Preferred Reporting Items for Complex Sample Survey Analysis (PRICSSA). *Paper presented at the 2021 Virtual Conference of the American Association for Public Opinion Research (AAPOR)*.
- [122] **West, B.T.**, Wagner, J., Gatward, R., Saw, H.*, and Couper, M.P. (2021). An Experimental Evaluation of Three Approaches for Improving Response to Household Screening Efforts in National Mail/Web Surveys. *Paper presented at the 2021 Virtual Conference of the American Association for Public Opinion Research (AAPOR)*.
- [123] Larsen, K.M., Hupp, A.L., Conrad, F.G., Schober, M.F., Ong, A.R.*, **West, B.T.**, and Wang, T*. (2021). Recruitment and Participation in Video Interviews. *Paper presented at the 2021 Virtual Conference of the American Association for Public Opinion Research (AAPOR)*.
- [124] Nishimura, R., Gatward, R., **West, B.T.**, and Saw, H.* (2021). USPS Mail Delivery Patterns for a National Address-Based Sample in the Time of COVID-19. *Paper presented at the 2021 Virtual Conference of the American Association for Public Opinion Research (AAPOR)*.
- [125] Berlin, N., Chopra, Z., Bryant, A., Singh, S., Agius, J., Schulz, P., **West, B.T.**, and Kullgren, J. (2021). Compliance of United States Hospitals with a Federal Regulation to Encourage Price Transparency. *Abstract Submitted to the Academy Health Annual Research Meeting 2021*.
- [126] **West, B.T.** and Elliott, M.R. (2021). The Anchoring Method: Estimation of Interviewer Effects in the Absence of Interpenetrated Sample Assignment. *Abstract accepted for presentation at the 2021 Conference of the European Survey Research Association, July 2, 2021*.
- [127] Yang, X.*, Ong, A.R.*, Shen, Y., Antoun, C., **West, B.T.**, Wagner, J., Sinibaldi, J.J., and Finamore, J.M. (2021). Using participatory design to develop a smartphone data collection app with doctorate recipients. *Abstract accepted for presentation at the 2021 Conference of the European Survey Research Association, July 2, 2021*.

- [128] Conrad, F.G., Schober, M.F., Hupp, A., **West, B.T.**, Larsen, K., Ong, A.R.*, and Wang, T.* (2021). Data quality and respondent experience in prerecorded video survey “interviews”. *Abstract accepted for presentation at the 2021 Conference of the European Survey Research Association, July 2, 2021.*
- [129] Conrad, F.G., Schober, M.F., Hupp, A., **West, B.T.**, Larsen, K., Ong, A.R.*, and Wang, T.* (2021). Live video interviews: A first look at data quality and respondents’ subjective experience. *Abstract accepted for presentation at the 2021 Conference of the European Survey Research Association, July 2, 2021.*
- [130] Larsen, K., Hupp, A., Conrad, F.G., Ong, A.R.*, Schober, M.F., **West, B.T.**, and Wang, T.* (2021). Recruitment and participation in video interviews. *Abstract accepted for presentation at the 2021 Conference of the European Survey Research Association, July 9, 2021.*
- [131] Ong, A.R.*, Schultz, R.*, Sinozich, S.*, **West, B.T.**, Wagner, J., Sinibaldi, J., & Finamore, J. (2021). A User-Driven Method for Using Research Products to Empirically Assess Item Importance in National Surveys. *Abstract accepted for presentation at the 2021 Conference of the European Survey Research Association, July 9, 2021.*
- [132] **West, B.T.**, Little, R.J.A., Andridge, R.R., Boonstra, P., Ware, E.B., Pandit, A., and Alvarado-Leiton, F.* (2021). Measures of Selection Bias in Regression Coefficients Estimated from Non-Probability Samples. *Topic-Contributed Paper to be Presented at JSM 2021.*

INVITED PROFESSIONAL PRESENTATIONS

- [1] **West, B.T.** (2007). Statistical and Methodological Issues in the Analysis of Complex Sample Survey Data. *2007 Conference on Innovation in Trauma Research Methods (CITRM), Baltimore, MD.*
- [2] **West, B.T.** (2008). Some New Applications of Statistical Methods to Hot Topics in NCAA Basketball and Football Post-Season Competition. *University of Michigan-Ann Arbor Biostatistics Department Brownbag Seminar, 2/22/08.*
- [3] **West, B.T.** (2008). Linear Mixed Models: An Update. *Presented at the April 8, 2008 meeting of the Detroit Chapter of ASA.*
- [4] Raghunathan, T.E. and **West, B.T.** (2008). Statistical Analysis of Longitudinal Data with Missing Values. *Two-day Seminar presented to CARDIA Research Investigators at Northwestern University, April 10-11, 2008.*
- [5] **West, B.T.** (2008). Analysis of Complex Sample Survey Data. *Academy Health Annual Research Meeting (ARM) Seminar, 6/7/2008.*
- [6] **West, B.T.** (2008). Some New Applications of Statistical Methods to Hot Topics in NCAA Basketball and Football Post-Season Competition. *University of Michigan-Ann Arbor Statistics Department Seminar, 9/18/2008.*

- [7] **West, B.T.** (2008). Subpopulation Analysis of Survey Data: Statistical Approaches and Software Options. *Presented at the Central Michigan University Mathematics Department, 11/18/2008.*
- [8] **West, B.T.** (2009). Analysis of Complex Sample Survey Data. *Academy Health Annual Research Meeting (ARM) Seminar, 6/26/2009.*
- [9] **West, B.T.** (2009). Using Stata for Subpopulation Analysis of Complex Sample Survey Data. *Presented at the Stata Conference DC09, July 30, 2009.*
- [10] **West, B.T.** (2010). Subpopulation Analysis of Complex Sample Survey Data. *Presented at the University of Michigan General Pediatrics Research Methods Seminar, March 30, 2010.*
- [11] **West, B.T.** (2010). An Examination of the Quality and Utility of Interviewer Estimates of Household Characteristics in the U.S. National Survey of Family Growth. *Presented at the IAB Research Colloquium, Nuremberg, Germany, 11/2/2010.*
- [12] **West, B.T.** (2010). Teaching High School Students Survey Statistics. *Presented at the 2010 Detroit Area Council of Teachers of Mathematics (DACTM) and Metropolitan Detroit Science Teachers Association (MDSTA) Fall Conference, Lamphere High School, Madison Heights, MI, 11/13/10.*
- [13] **West, B.T.** (2011). How Much of Interviewer Variance is Really Nonresponse Error Variance? *Presented to DC-AAPOR by Invitation, 04/13/2011.*
- [14] **West, B.T.** (2011). Strategies and Techniques for Improving the Accuracy of Interviewer Observations. *Presented to the Nielsen Research Methods Group, Oldsmar, FL, 8/29/2011.*
- [15] **West, B.T.** (2011). How Much of Interviewer Variance is Really Nonresponse Error Variance? *Presented at the DC-AAPOR Conference on Total Survey Error by Invitation, Washington, DC, 09/21/2011.*
- [16] **West, B.T.** (2011). Factors Impacting the Accuracy of Interviewer Observations in the U.S. National Survey of Family Growth (NSFG). *Presented at the Workshop "Moving Responsive Design Forward" at the Institute for Employment Research in Nuremberg, Germany, 11/4/2011.*
- [17] **West, B.T.** (2011). The PAIP Score: A Propensity-Adjusted Interviewer Performance Indicator. *Presented Remotely at the Annual NCHS – Statistics Canada Interchange, Washington, DC, 11/22/2011.*
- [18] **West, B.T.** (2012). An Overview of Current Software Procedures for Fitting Linear Mixed Models. *Presented to the Detroit Chapter of the American Statistical Association, 2/21/2012.*
- [19] **West, B.T.** (2012). The Use of Paradata in Survey Research. *Presented at the Weekly Research Seminar for Junior Fellows in the Joint Program in Survey Methodology (JPSM), College Park, MD, 6/7/2012.*
- [20] **West, B.T.** (2012). Interviewer Observations in Survey Research: Best Practices and Recommended NSF Funding Priorities. *Invited talk presented at the NSF-*

- Sponsored Two-Day Conference “The Future of Survey Research: Challenges and Opportunities,” 11/8/2012, Washington, D.C.*
- [21] **West, B.T.** (2012). A Propensity-Adjusted Interviewer Performance Indicator. *Invited talk presented for the Michigan Program in Survey Methodology / Joint Program in Survey Methodology Brownbag Seminar Series, 12/3/2012, Ann Arbor, MI.*
- [22] **West, B.T.** (2013). Interviewer observations in the National Survey of Family Growth: Current Practices and Research Directions. *Invited talk presented for the All-Staff Meeting of the Survey Research Operations unit in the Survey Research Center, University of Michigan-Ann Arbor, 2/12/2013.*
- [23] **West, B.T.** (2013). New directions for extending research on interviewer effects in surveys. *Invited talk presented at the International Workshop “Explaining Interviewer Effects in Interviewer-Mediated Surveys”, University of Mannheim, Germany, April 4-5, 2013.*
- [24] **West, B.T.** (2013). Understanding Data: One Statistician’s Views on the Collection, Analysis, and Presentation of Data. *Keynote Presentation at the 2013 A2 Data Dive, Sponsored by the U-M Institute for Social Research and School of Information.*
- [25] **West, B.T.** (2014). New Directions for Extending Research on Interviewer Effects in Surveys. *Invited talk presented for the Michigan Program in Survey Methodology / Joint Program in Survey Methodology Brownbag Seminar Series, 1/27/2014, Ann Arbor, MI.*
- [26] **West, B.T.** (2014). New Directions for Extending Research on Interviewer Effects in Surveys. *Invited talk (Paul Biemer, ppb@rti.org) presented for the Research Triangle Institute, 3/19/2014, Research Triangle Park, NC.*
- [27] **West, B.T.** and Elliott, M.R. (2015). New methodologies for the study and decomposition of interviewer effects in surveys. *Presented at the Quantitative Methodology Program (QMP) Research Seminar, Institute for Social Research, Ann Arbor, MI, 2/4/15.*
- [28] **West, B.T.** and Elliott, M.R. (2015). New methodologies for the study and decomposition of interviewer effects in surveys. *Invited talk presented at the Annual Meeting of the Statistical Society of Canada (SSC), Halifax, Nova Scotia, 6/17/15.*
- [29] **West, B.T.** (2015). New Directions for Extending Research on Interviewer Effects in Surveys. *Seminar presented to the Junior Fellows of the Joint Program in Survey Methodology, 7/2/2015, University of Maryland-College Park.*
- [30] Sakshaug, J., **West, B.T.**, and Kim, Y. (2015). Analytic Error as an Important Component of Total Survey Error: Results from a Meta-Analysis. *Presented at the 2015 International Total Survey Error Conference (TSE15), Baltimore, MD, 9/20/2015.*
- [31] Wagner, J., **West, B.T.**, Guyer, H., Burton, P., Kelley, J., Couper, M.P., and Mosher, W.D. (2015). The Effects of a Mid-Data Collection Change in Financial

- Incentives on Total Survey Error in the National Survey of Family Growth: Results from a Randomized Experiment. *Presented at the 2015 International Total Survey Error Conference (TSE15), Baltimore, MD, 9/22/2015.*
- [32] Kreuter, F., **West, B.T.**, Conrad, F.G., and Mittereder, F. (2015). Standardized and Conversational Interviewing: What effects do interviewing techniques have on measurement error and nonresponse? *Invited Seminar Presented at the Bureau of Labor Statistics, October 21, 2015.*
- [33] **West, B.T.** and Kreuter, F. (2016). On the Utility of Paradata in Major National Surveys: Challenges and Benefits. *Presented at the 2016 Statistics Canada Research Symposium, Ottawa, Canada, March 23, 2016.*
- [34] **West, B.T.** (2016). Interviewer Observations in the National Survey of Family Growth: Lessons Learned and Unanswered Questions. *Invited talk presented to the Washington Statistical Society (WSS) Methods Group, April 18, 2016, Washington, DC (Mathematica Policy Research).*
- [35] **West, B.T.** (2016). The Collection of Paradata for Informing Responsive Survey Designs. *Invited talk presented to the World Bank Group (Survey Methods Team), June 2, 2016, Washington, DC.*
- [36] **West, B.T.** (2016). Fitting Weighted Multilevel Models to Complex Sample Survey Data in SAS: A Case Study. *Invited talk presented at a one-day SAS conference sponsored by the Michigan SAS Users Group (MSUG), June 9, 2016, Livonia, MI.*
- [37] **West, B.T.** (2016). On the Quality and Utility of Alternative Auxiliary Data Sources Used in the National Survey of Family Growth. *Invited Talk presented at the 2016 Joint Statistical Meetings, Chicago, IL.*
- [38] **West, B.T.** (2017). New Directions for Extending Research on Interviewer Effects in Surveys (Revised and Updated from 2014). *Invited talk presented for the Michigan Program in Survey Methodology / Joint Program in Survey Methodology Brownbag Seminar Series, 4/26/2017, Ann Arbor, MI.*
- [39] **West, B.T.** (2017). Where do we go from here? Future directions for research on interviewer effects based on a comprehensive research synthesis. *Invited talk for 2017 AAPOR Annual Conference Session entitled "New Insights on Interviewer Effects in Surveys," New Orleans, LA.*
- [40] **West, B.T.** (2017). New Directions for Extending Research on Interviewer Effects in Surveys. *Invited talk presented for GESIS staff, 6/12/2017, Mannheim, Germany.*
- [41] **West, B.T.** (2017). Dashboards for Survey Production Monitoring: An Overview. *Invited talk presented for GESIS staff, 6/13/2017, Mannheim, Germany.*
- [42] **West, B.T.** (2017). Modular Survey Designs: What do we know, and where do we go from here? *Invited talk presented for the Michigan Program in Survey Methodology / Joint Program in Survey Methodology Brownbag Seminar Series, 9/20/2017, Ann Arbor, MI.*

- [43] **West, B.T.** (2017). Using Statistics in Research and Careers in Survey Methodology: An Overview. *Invited talk presented to the University of Michigan Undergraduate Research Opportunity Program (UROP), 10/3/2017, Ann Arbor, MI.*
- [44] **West, B.T.** (2017). Comparing Interviewer Effects in Standardized and Conversational Interviewing. *Invited talk presented at the annual Sponsor's Meeting of the Michigan in Program Survey Methodology, 10/13/2017, Ann Arbor, MI.*
- [45] **West, B.T.,** Aurelien, G.A., and Sakshaug, J. (2017). How big of a problem is analytic error in secondary analyses of survey data? *Invited talk presented to the Interdisciplinary Working Group on Innovation in Survey Methodology, 11/3/2017, Ann Arbor, MI.*
- [46] **West, B.T.** (2018). The Collection of Paradata for Informing Responsive Survey Designs. *Invited talk presented to the Interdisciplinary Working Group on Innovation in Survey Methodology, 2/18/2018, Ann Arbor, MI.*
- [47] **West, B.T.** (2018). The Utility of Commercial Data for Survey Operations and Estimation: Examples from the National Survey of Family Growth. *Invited talk presented to the Washington Statistical Society, April 9, 2018, Washington, DC (Bureau of Labor Statistics), 12:30-2pm.*
- [48] **West, B.T.** (2018). The Latest and Greatest Capabilities of the SURVEY Procedures in SAS. *Invited talk presented to the Michigan SAS Users Group, June 7, 2018, Livonia, MI.*
- [49] **West, B.T.** (2018). Interviewer Effects in Surveys: Some Interesting Directions for Future Research. *Seminar presented to the Junior Fellows of the Joint Program in Survey Methodology, 6/28/2018, University of Maryland-College Park.*
- [50] **West, B.T.,** Boonstra, P., Little, R.J.A., Hu, J., and Alvarado-Leiton, F. (2018). How non-ignorable is the selection bias in non-probability samples? An illustration of new measures using a large genetic study on Facebook. *Invited talk presented for the Michigan Program in Survey Methodology / Joint Program in Survey Methodology Brownbag Seminar Series, 11/7/2018, Ann Arbor, MI.*
- [51] **West, B.T.,** Boonstra, P., Little, R.J.A., Hu, J., and Alvarado-Leiton, F. (2019). How non-ignorable is the selection bias in non-probability samples? An illustration of new measures using a large genetic study on Facebook. *Invited talk presented for the Population Neuro-genetics (PNG) Group at the Institute for Social Research, 1/11/2019, Ann Arbor, MI.*
- [52] **West, B.T.** (2019). Designing Studies for Comparing Interviewer Variance Components in Two Groups of Survey Interviewers. *Invited talk presented at the 2019 Interviewer Effects from a Total Survey Error Perspective Workshop, Lincoln, Nebraska, February 26-28, 2019.*
- [53] **West, B.T.,** Little, R.J.A., Andridge, R.R., Boonstra, P. and Alvarado-Leiton, F. (2019). How non-ignorable is the selection bias in non-probability samples? An

- illustration of new measures using a large genetic study on Facebook. *Invited talk presented for the University of Georgia Statistics Department Colloquium Series, April 9, 2019, Athens, GA.*
- [54] **West, B.T.**, Little, R.J.A., Andridge, R.R., Boonstra, P. and Alvarado-Leiton, F. (2019). How non-ignorable is the selection bias in non-probability samples? An illustration of new measures using a large genetic study on Facebook. *Invited talk presented for the Northwestern University Statistics Department, April 17, 2019, Evanston, IL.*
- [55] **West, B.T.** (2019). Appropriate Design-Based Analysis of Complex Sample Survey Data. *Invited talk presented for the University of Michigan Institute for Healthcare Policy and Innovation (IHPI) Data & Methods Hub Seminar Series, NCRC Building 10, May 22, 2019.*
- [56] **West, B.T.**, Little, R.J.A., Andridge, R.R., Boonstra, P. and Alvarado-Leiton, F. (2019). Measures of the Degree of Departure from Ignorable Sample Selection for Non-Probability Samples. *Invited talk presented at the 2019 ICSA Applied Statistics Symposium, June 10, 2019, Raleigh, NC.*
- [57] **West, B.T.** (2019). Interviewer Effects in Surveys: Some Interesting Directions for Future Research. *Seminar presented via BlueJeans to the Junior Fellows of the Joint Program in Survey Methodology, 6/13/2019.*
- [58] **West, B.T.**, and Guyer, H.M. (2019). University of Michigan Response to RFI-NSFG-2019. *Presented to staff of the National Center for Health Statistics, July 1, 2019, Hyattsville, MD.*
- [59] Boonstra, P.S., **West, B.T.**, Little, R.J.A., Andridge, R.R., and Alvarado-Leiton, F. (2019). Measures of the Degree of Departure from Ignorable Sample Selection. *Invited Talk Presented at the 2019 Joint Statistical Meetings, July 30, 2019, Denver, CO.*
- [60] **West, B.T.** (2019). The Study of Interviewer Effects: The State of the Science and Necessary Future Directions. *Invited Keynote Address at the 2019 International Conference and Workshops on Survey Research Methodology, Academia Sinica, August 9, 2019, Taipei, Taiwan.*
- [61] **West, B.T.**, Wagner, J., Elliott, M.R., and Coffey, S. (2019). Formulating Prior Information for Bayesian Approaches to Responsive Survey Design. *Invited Talk Presented to RTI International, September 17, 2019, Research Triangle Park, North Carolina.*
- [62] **West, B.T.** (2019). Challenges and Opportunities of Using Non-Probability Samples. *Invited Discussion of the presentations at the October 25, 2019 full-day workshop "Challenges and Opportunities of Using Non-Probability Samples", sponsored by the Michigan Program in Survey Methodology, Ann Arbor, MI.*
- [63] **West, B.T.** and Esau, J. (2020). Getting to Know the ISR Summer Institute in Survey Research Techniques. *Invited Webinar for the 2020 ICPSR Data Fair (Virtual).*

- [64] **West, B.T.**, Little, R.J.A., Andridge, R.R., Boonstra, P.S., Alvarado-Leiton, F.*, Pandit, A., and Ware, E.B. (2021). Measures of Selection Bias in Regression Coefficients Estimated from Non-Probability Samples. *Invited talk to be presented at the 63rd International Statistical Institute's World Statistics Congress (Virtual), July 12, 2021.*

POSTERS

- [1] **West, B.T.**, Kathy Welch, and Brenda Gillespie. (2004). Comparing Statistical Software for Linear Mixed Models. *Presented at JSM 2004 and APHA 2004.*
- [2] Saran, Kelly; Grondin, Louise; Davis, Alice; Bigelow, April; Johnson, Stephanie; Kronick, Steven; Schiech-Ball, Rachael; and **Brady West**. (2004). Response to Symptoms Prior to Cardiac Arrest. *Poster presented at the 2004 Conference of the Midwest Nursing Research Society.*
- [3] Underwood III, Willie, Hector Gonzalez, and **B.T. West**. (2004). PSA Testing Utilization by Urologists and Primary Care Physicians: Data from the 2000 National Ambulatory Medical Care Survey. *Poster presented at the May 2004 Annual Meeting of the American Urological Association.*
- [4] Vitzthum, Virginia J., Spielvogel, Hilde, Thomburg, Jonathan, and **West, B.T.** (2005). Progesterone Levels during Conception and Implantation do not Predict Subsequent Pregnancy Loss. *Poster presented at the April 2005 Annual Meetings of the American Association of Physical Anthropologists.*
- [5] Gonzalez, Hector M., Croghan, Thomas W., Williams, David R., **West, B.T.**, Underwood III, Willie, and Jackson, James S. (2006). Predictors of Antidepressant Use in a Nationally Representative Sample of U.S. Community-Dwelling Blacks: Results from the National Survey of American Life. *Academy Health, Seattle, June 2006.*
- [6] Gonzalez, Hector M., Croghan, Thomas W., **West, B.T.**, Williams, David R., Underwood III, Willie, Taylor, Robert J., Hinton, Ladson, and Jackson, James S. (2006). Disparities in Antidepressant Use among Community-Dwelling Black and White Americans: Results from the National Survey of American Life and the National Comorbidity Survey Replication. *NIH Conference on Understanding and Reducing Health Disparities, October 2006.*
- [7] McCabe, S.E., **West, B.T.**, Morales, M., Cranford, J.A., Boyd, C.J. (2007). Age at onset of nonmedical use of prescription drugs and its association with prescription drug use disorders: results from a national study. *Poster presented at the 69th Annual Scientific Meeting of the College on Problems of Drug Dependence, Quebec City, Canada, June 19, 2007.*
- [8] McCabe, S.E., **West, B.T.**, and Wechsler, H. (2007). Alcohol use disorders and nonmedical use of prescription drugs among U.S. college students: results from a national study. *Poster presented at the Annual Meeting of the Research Society on Alcoholism, Chicago, IL, July, 2007.*

- [9] Kong, F., **West, B.T.**, Bonner, J.A., Choy, H., Gaspar, L.E., Komaki, R., Sun, A., Wang, L., Morris, D., Sandler, H.M., Movsas, B. (2007). Patterns of Practice in Radiation Therapy for Patients with Non-Small Cell Lung Cancer (NSCLC) Among Members of American Society of Therapeutic Radiology and Oncology (ASTRO). *Presented June 2007.*
- [10] **West, B.T.** (2007). A simple and flexible rating method for predicting success in the NCAA basketball tournament. *Presented 9/29/2007 at the New England Symposium on Statistics in Sports (NESSIS), Harvard University.*
- [11] Groves, R.M., Kirgis, N., Peytcheva, E., Wagner, J., Axinn, W., Mosher, W., **West, B.T.**, and Kruger-Ndiaye, S. (2009). Responsive Design for Fertility Surveys: Paradata Guided Interventions in the National Survey of Family Growth. *Presented 5/2/2009 at the Population Association of America Annual Meeting.*
- [12] McCabe, S.E., Hughes, T.L., Bostwick, W.B., **West, B.T.**, and Boyd, C.J. (2009). Sexual Orientation, Heavy Drinking, and Alcohol Use Disorders in the United States. *Presented at the 32nd Annual Research Society on Alcoholism Scientific Conference, San Diego, CA, June 22, 2009.*
- [13] **West, B.T.** (2009). A New Application of Linear Modeling in the Prediction of College Football Bowl Outcomes and the Development of Team Ratings: Results from the 2008-2009 Season. *Presented 9/26/2009 at the New England Symposium on Statistics in Sports (NESSIS), Harvard University.*
- [14] **West, B.T.** and Olson, K. (2010). How much of interviewer variance is really nonresponse error variance? *Presented 4/2/2010 at the Michigan Student Symposium for Interdisciplinary Statistical Sciences (MSSISS), Ann Arbor, MI.*
- [15] McCabe, S.E., Cranford, J.A., Epstein, M., Hertz, A., Ross-Durow, P., Ackerson, T., Teter, C.J., Young, A., **West, B.T.**, Boyd, C.J. (2010). Prescription medication misuse and diversion among adolescents. *American Society of Criminology, San Francisco, CA.*
- [16] Meurer, W.J., Zahuranec, D.B., Skolarus, L.E., Sasson, C., Macy, M., Burke, J., **West, B.T.**, and Morgenstern, L.B. (2011). Secular Trends in Ischemic Stroke Thrombolysis 2000-2007. *International Stroke Conference, Los Angeles, CA, 2/9/2011.*
- [17] **West, B.T.** (2011). Observational Strategies Associated with Increased Accuracy of Interviewer Observations: Evidence from the National Survey of Family Growth. *Presented 4/8/2011 at the Michigan Student Symposium for Interdisciplinary Statistical Sciences (MSSISS), Ann Arbor, MI.*
- [18] **West, B.T.** (2012). Observational Strategies Associated with Increased Accuracy of Interviewer Observations: Evidence from the National Survey of Family Growth. *Presented 2/16/2012 at the Rackham Centennial Research Symposium, Ann Arbor, MI.*
- [19] Yan, H., Conrad, F.G., **West, B.T.**, Goddeeris, J., and Riley, E. (2012). Mechanisms Underlying Improvements in Data Quality from Conversational

- Interviewing. *Presented 4/6/2012 at the Michigan Student Symposium for Interdisciplinary Statistical Sciences (MSSISS), Ann Arbor, MI.*
- [20] **West, B.T.** and Kreuter, F. (2012). Factors Impacting the Accuracy of Interviewer Observations in the National Survey of Family Growth. *Presented 5/19/2012 at the Annual Meeting of the American Association for Public Opinion Research (AAPOR), Orlando, FL.*
- [21] Weiser, J., Beer, L., Brooks, J., **West, B.T.**, Duke, C., and Gremel, W. (2015). Adoption of Guidelines for Universal Prescribing of Antiretroviral Therapy in the United States. *Selected for Poster Presentation at the 10th International Conference on HIV Treatment and Prevention Adherence (IAPAC).*
- [22] Mittereder, F., Durow, J., **West, B.T.**, Kreuter, F., and Conrad, F. (2015). Interviewer-Respondent Interactions in Conversational and Standardized Interviewing. *Presented at the Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS).*
- [23] **West, B.T.**, Sloman, T., and Coleman-Byrd, K. (2015). Qualitative Analysis of Interviewer Justifications for Field Observations. *Presented at the Annual Research Symposium of the Undergraduate Research Opportunity Program.*
- [24] Bardos, M.*, Schroeder, H., and **West, B.T.** (2015). “Screen and Go” Interviews and Broken Appointments in a National Survey: Trends and Implications. *Presented at the Annual Meeting of the American Association for Public Opinion Research (AAPOR), Hollywood, FL.*
- [25] Valenstein, M., Clive, R., Pfeiffer, P., Ganoczy, D., Walters, H., **West, B.T.**, Kim, H.M., Bohnert, K., Eisenberg, D., DesJardins, S., Kivin, K., and Lepkowski, J.M. (2015). Veteran College Students’ Mental Health: A Nationally Representative Study. *Presented at the 2015 HSR&D Annual Conference.*
- [26] Yan, H.Y.*, Elliott, M., **West, B.T.**, and Waldron, W. (2016). Generating Correlated Synthetic Binary Indicators of Radio Listening Behavior for Long-Term Projections. *Presented at the Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS).*
- [27] Yan, H.Y.*, Elliott, M., **West, B.T.**, and Waldron, W. (2016). Generating Correlated Synthetic Binary Indicators of Radio Listening Behavior for Long-Term Projections. *Presented at the 2016 MIDAS Research Symposium, Ann Arbor, MI.*
- [28] Mittereder, F.* and **West, B.T.** (2016). Predicting Breakoffs in Web Surveys. *Presented at the 2016 MIDAS Research Symposium, Ann Arbor, MI. NOTE: This poster won the award for the most innovative use of data at this symposium on research in data science at the University of Michigan-Ann Arbor.*
- [29] Muraro, I.S.*, **West, B.T.**, and Wagner, J. (2017). Optimal Timing for Incentive Changes in a Long-Standing Panel Survey with High Calling Volume. *Presented at the 2017 Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS), March 24, 2017. NOTE: This poster won the award for best student poster from the Program in Survey Methodology.*

- [30] Jiang, Y., **West, B.T.**, Harris, M.R., & Barton, D.L. (2017). Use of eHealth/mHealth Technologies for Self-Management among Cancer Survivors. *Poster to be presented at the Society of Behavioral Medicine 38th Annual Meeting & Scientific Sessions, San Diego, CA.*
- [31] McCabe, S.E., **West B.T.**, and McCabe, V.V. (2017). Does early onset of e-cigarette use predict cigarette smoking and other drug use among adolescents in the United States? *Presented at the annual meeting of the College on Problems of Drug Dependence, Montreal, Canada.*
- [32] Kullgren, J.T., Cliff, B.Q., Krenz, C., Levy, H., **West, B.T.**, Fendrick, M., and Fagerlin, A. (2017). A National Survey of Cost-Conscious Behaviors Among Consumers in High-Deductible Health Plans. *Presented at the Annual Meeting of AcademyHealth, 2017.*
- [33] **West, B.T.** and Sakshaug, J.W. (2018). Revisiting the Analytic Error Problem in the Establishment Survey Context: A Cautionary Tale. *Poster Presented at the 2018 Annual Conference of the American Association for Public Opinion Research, Denver, CO, May 2018.*
- [34] McCabe, S.E., Matthews, A.K., Lee, J.G.L., Hughes, T.L., **West, B.T.**, Veliz, P., and Boyd, C.J. (2018). Tobacco Use and Sexual Orientation Dimensions: Differences by Age and Discordance across Dimensions in the United States. *Poster presented at the 2018 annual conference of the Society for Research on Nicotine and Tobacco, Baltimore, MD, February 21-24, 2018.*
- [35] McCabe, S.E., **West, B.T.**, and McCabe, V.V. (2018). E-Cigarette Use and Cigarette Smoking among Adolescents: Early vs. Late E-Cigarette Onset, Experimental vs. Regular E-Cigarette Use, and Temporal Ordering of Other Drug Use. *Poster presented at the 2018 annual conference of the Society for Research on Nicotine and Tobacco, Baltimore, MD, February 21-24, 2018.*
- [36] McCabe, S.E., Boyd, C.J., Teter, C.J., **West, B.T.**, Veliz, P., Ford, J.A., Pomykacz, C., and Schepis, T.S. (2018). Sources of prescription drug misuse among U.S. emerging adults. *Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Diego, California.*
- [37] Boyd, C.J., Strobbe, S., **West B.T.**, and McCabe, S.E. (2018). Of substance: stressful life events and substance use in a national sample. *Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Diego, California.*
- [38] McCabe, S.E., **West B.T.**, Strobbe, S., and Boyd, C.J. (2018). Remission from DSM-5 alcohol and other substance use disorders in the United States: The role of sexual orientation and other correlates. *Posted presented at the annual scientific meeting of the Research Society on Alcoholism, San Diego, California.*
- [39] Cliff, E.Q., Krenz, C., **West, B.T.**, Levy, H., Fendrick, A.M., Winkelman, T., So, J., Fagerlin, A., and Kullgren, J. (2018). Attitudes about Value-Conscious Consumer Strategies among Americans in High-Deductible Health Plans. *Poster presented at the 2018 Academy Health Annual Conference, Seattle, Washington, June 2018.*

- [40] **West, B.T.** and Sakshaug, J.W. (2018). The Problem of Analytic Error in Secondary Analysis of Survey Data: What We Know, and What We Need to Do About It. *SPEED poster, 2018 Joint Statistical Meetings, Vancouver, BC. Note: This poster won the Survey Research Methods Section poster competition at the 2018 Joint Statistical Meetings.*
- [41] McCabe, S.E., Veliz, P., Wilens, T.E., **West, B.T.**, Schepis, T.S., Ford, J.A., Pomykacz, C., and Boyd, C.J. (2018). Sources of Nonmedical Prescription Drug Misuse among U.S. High School Seniors: Differences in Motives and Substance Use Behaviors. *Poster Presented at The Annual Meeting and Scientific Symposium, 29th Annual Conference of the American Academy of Addiction Psychiatry; 2018 Dec 6-9; Bonita Springs, Florida.*
- [42] Kullgren, J.T., Cliff, B.Q., Krenz, C., Levy, H., **West, B.T.**, Fendrick, A.M., and Fagerlin, A. (2019). Patient Decision-Making about Use of Health Savings Accounts. *Poster Presented at the SGIM Annual Meeting, Thursday, May 9, 2019, and at the 2019 AcademyHealth Annual Research Meeting, Washington, D.C., June 2019.*
- [43] Carson T.L., Clarke P.J., Harlow S.D., Sonnevile K.R., **West B.T.**, Zernicke R.F., and Karvonen-Gutierrez, C.A. (2020). The Female Athlete Study of Health Trajectories (FASHT) Cohort of NCAA DI Cross Country Runners. *Poster to be presented at the International Conference on Eating Disorders, Sydney, Australia (submitted).*
- [44] Carson T.L., Clarke P.J., Harlow S.D., Sonnevile K.R., **West B.T.**, Zernicke R.F., and Karvonen-Gutierrez, C.A. (2020). Describing RED-S Outcomes and Potential Risk Factors in a National Cohort of NCAA DI Female Cross Country Runners. *Poster to be presented virtually at the International Conference on Eating Disorders, Sydney, Australia, June 2020.*
- [45] McCabe, S.E., **West, B.T.**, Evans-Polce, R., Kcomt, L., Veliz, P.T., Kahle, E., McCabe, V.V., Boyd, C.J. (2020). ACEs high: Sexual orientation, adverse childhood experiences and DSM-5 alcohol use disorder. *Poster presentation forthcoming at the annual scientific meeting of the American Society on Addiction Medicine, Denver, Colorado.*
- [46] Suolang, D.*, **West, B.T.**, Almirall, D., and Wagner, J. (2020). Toward the Optimization of Responsive and Adaptive Survey Designs. *Poster presented at the 2020 Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS), February 27-28, 2020.*
- [47] Andridge, R.R., **West, B.T.**, Little, R.J.A., Boonstra, P.S., and Alvarado-Leiton, F.* (2020). Indices of Non-Ignorable Selection Bias for Proportions Estimated from Non-Probability Samples. *Poster presented at the 2020 Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS), February 27-28, 2020.*
- [48] **West, B.T.** and McCabe, S.E. (2021). Choices matter: How response options for survey questions about sexual identity affect population estimates of its association with tobacco, alcohol and other drug use. *Poster presented at the*

annual scientific meeting (virtual) of the Society for Research on Nicotine & Tobacco, February 2021.

- [49] Kcomt, L., Evans-Polce, R.J., Engstrom, C.W.*, **West, B.T.**, Boyd, C J., and McCabe, S.E. (2021). Age Differences in Moderate-to-Severe Tobacco Use Disorder as a Function of Discrimination among U.S. Sexual Minorities. *Poster presented at the annual scientific meeting (virtual) of the Society for Research on Nicotine & Tobacco, February 2021.*

PROFESSIONAL MEMBERSHIPS

2001-Present American Statistical Association

2008-Present American Association for Public Opinion Research

2008-Present Midwest Association for Public Opinion Research

2012-Present Royal Statistical Society

2015-Present Institute for Healthcare Policy and Innovation (<http://ihpi.umich.edu/>)

2020-Present Center for the Study of Drugs, Alcohol, Smoking and Health (DASH),
School of Nursing, University of Michigan

Please direct any questions about the information above to bwest@umich.edu.