

**Curriculum Vitae:  
Brady Thomas West, Ph.D.**

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Citizenship: United States Citizen

**November 5, 2018**

**AREAS OF STUDY**

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

**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**, University of Michigan, Ann Arbor, MI
- 2011      **Doctor of Philosophy (Ph.D.), Survey Methodology**, Michigan Program in Survey Methodology, Survey Research Center, Institute for Social Research, Ann Arbor, MI

**CURRENT EMPLOYMENT**

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

**PREVIOUS EMPLOYMENT**

- 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.

**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](mailto: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)

## RESEARCH GRANTS - ACTIVE

09/01/18-08/31/23

Grantor: NIH-NICHD

Coverage: 1.2 cal. Months

Amount: \$499,999

Grant: 1R01HD091173-01A1 (Axinn-PI & West-PI)

Title: **Validating National Web-Based Data Collection for Population Science**

Description:

We propose 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.

09/01/17-08/31/19

Grantor: NIH-BMRD

Coverage: 1.2 cal. Months

Amount: \$125,000

Grant: 1R21HD090366-01A1 (West-PI)

Title: **Indices of Non-Ignorable Selection Bias for Non-Probability Samples**

Description:

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.

09/01/16 – 08/31/21

Grantor: NIH/NICHD

Coverage: 1.80 cal. Months

Amount: \$122,944

Title: **Responsive Design for Efficient Survey Data Collection: An Education Program** (West-PI & Wagner-PI)

Description: The proposed research education program aims to break down barriers between researchers in the health, behavioral, and social sciences and survey methodology fields by exposing these researchers to the newest literature on state-of-the-art survey data collection techniques and engaging them with hands-on examples of easy-to-use methods and practical tools for improving their survey data collection activities.

09/24/10-07/20/20

Grant No.: 200-2010-33976 (Couper-PI)

Coverage: 1.80 cal. months  
Grantor: NSFG  
Amount: \$4,049,352  
Title: **National Survey of Family Growth**  
Description: This proposal 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 June 1, 2011 through May 31, 2019.

10/1/13-9/30/18

Grant No.: HRD-1348619 (Miller-PI)  
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 7<sup>th</sup> 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 (Miller-PI)  
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.

01/01/15-12/31/20

Grant No.: N/A (West-PI)  
Coverage: 0.60 cal. months  
Grantor: U.S. Department of Agriculture

Amount: \$51,186  
Title: **Evaluation of 2012 FoodAPS**  
Description: Dr. West will review the data from FoodAPS Version 1, and perform analyses of data quality; assess data management needs prior to posting to first FoodAPS data as a public-use data as a public-use data base; and consider changes to the sample design, instrumentation, and field procedures that might improve data quality for a second FoodAPS survey, making recommendations for testing the efficacy of these proposed changes. In addition, Dr. West will supervise the work of a PhD student and a Masters student on novel research projects using FoodAPS data.

04/01/15-3/31/19

Grant No.: 1-R01-DA-036541-01-A1 (McCabe-PI)  
Coverage: 0.60 cal. months  
Grantor: NIH/NIDA  
Amount: \$150,000  
Title: **Longitudinal Changes in Recovery from Drug Use Disorders: A National Study**  
Description: This project proposes to use two waves of existing nationally representative longitudinal data to examine the course of drug use disorders (DUDs) along with longitudinal changes in recovery from DUDs, including rates and correlates of relapse (i.e., recurrence of any DUD criteria) and full remission (i.e., no recurrence of any DUD criteria). In order to address the existing gaps in studies of longitudinal patterns of DUDs and recovery from DUDs over time, we propose a secondary analysis of the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC). This analysis would take advantage of the unique opportunities of NESARC, including: the availability of a large and diverse nationally representative sample; the large numbers of individuals with DUD; the inclusion of developmentally relevant predictors associated with relapse; the inclusion of reliable measures of treatment utilization, mental health functioning, and physical health functioning; and the inclusion of reliable measures of DUDs and other psychiatric disorders.

04/01/16 – 03/31/19

Grantor: 2 R01 DA03116004  
Coverage: 0.60 cal. months  
Amount: \$150,000  
Title: **Trajectories of Nonmedical Prescription Drug Misuse (McCabe-PI)**  
Description: We propose several secondary analyses using 39 nationally representative cohorts of approximately 585,000 high school seniors between 1976 and 2014 from the Monitoring the Future

(MTF) study. The MTF study represents the only nationally representative longitudinal study that has sufficient measures and sample size to test for potential sex, racial, and socioeconomic status differences and to meet the objectives of our study, which aims to (1) assess the individual patterns and trajectories of medical and nonmedical use of four prescription medication classes during the transition from adolescence (age 18) to adulthood (age 35); (2) examine the associations between individual patterns and trajectories of medical and nonmedical use of four medication classes from adolescence to adulthood and development of substance abuse disorders (SUDs) and other consequences during adulthood; and (3) investigate the risk and protective factors for individual patterns and trajectories of medical and nonmedical use of four prescription medication classes from adolescence to adulthood associated with the development of SUDs and other consequences during adulthood.

04/04/16-03/31/19

Grantor: NIH/NCI  
Coverage: 1.20 cal. Months  
Amount: \$150,000  
Title: **E-Cigarette Use and Longitudinal Changes in Cigarette Smoking and Health** (McCabe-PI)

Description:

This study aims to: (1) estimate the bias in estimated rates of e-cigarette use and traditional cigarette smoking in adolescence and young adulthood and estimated rates of change over time in e-cigarette use and traditional cigarette smoking due to differential attrition in the MTF study, by comparing and evaluating alternative weighting and imputation approaches; (2) examine the trajectories of e-cigarette use, traditional cigarette smoking, other tobacco use, other substance use behaviors, and other health problems from adolescence to young adulthood as a function of e-cigarette use during early adolescence; and (3) assess the effects of age of onset and frequency of e-cigarette use on the trajectories of traditional cigarette smoking, other tobacco use, other substance use behaviors, and other health problems.

02/01/18-07/31/20

Grantor: NIH-NCI  
Coverage: 0.60 cal. Months  
Amount: \$207,743  
Grant: R01CA212517 (McCabe-PI)  
Title: **Health, Stress, and Tobacco Use Disparities among Sexual Minority Populations**

Description:

This project proposes to use 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.

05/01/18 – 04/30/21

Duration: 1.2 cal. Months

Amount: \$150,000

Grantor: NIH/NICHD

Title: **Advancing the Science of Responsive Survey Design using Bayesian Methodology** (Wagner-PI)

Description: The U.S. federal government dedicates substantial resources to the annual collection of healthy survey data that is ultimately used by policy-makers and researchers in health science. 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 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.

07/01/17 – 06/30/19

Coverage: 1.20 cal. Months

Amount: \$17,732

Grantor: NIH

Title: **Disparities in Diabetes Comorbidities and Multiple Chronic Conditions** (West-PI)

Description: Dr. Brady West will provide biostatistical support in designing plans for the statistical analyses, taking the lead on the longitudinal analyses (Specific aim #4), and assisting with the principal component analyses and structural equation modeling components of Specific aims #2 and #3. He will collaborate with PI on the development and implementation of data management and data analyses, writing reports, presenting findings and submitting related manuscripts. Dr. West will be an integral component of the regularly scheduled lab meetings that will integrate the students in all aspects of the research study.

08/21/17-06/30/22

Coverage: 1.11 cal. Months

Amount: \$373,429

Grantor: NIH-NICHD



Title: **Michigan Research Infrastructure for Population Sciences**  
(Morenoff-PI)

Description: This center grant will enhance the scientific impact, innovation, and productivity of work within PSC's primary research areas.

02/01/18-01/31/21

Coverage: 0.60 cal. Months

Amount: \$187,057

Grantor: NIH-NIAAA

Title: **Sexual Orientation, Discrimination, and Health Disparities in DSM-5 Alcohol Use Disorder** (McCabe-PI)

Description: This project proposes to 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). 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.

## **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 (Lepkowski-PI)

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 (West-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 (West-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 (West-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 (West-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 (West-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** (Kullgren-PI)  
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.

## **RESEARCH GRANTS - PENDING**

09/01/18-08/31/20

Grantor: NSF-MMS  
Coverage: 1.20 cal. Months  
Amount: \$105,176  
Title: **New Methods for Studying and Decomposing Interviewer Variance in Surveys** (Elliott-PI & West-PI)

Description:  
There are two main problems with the estimation of interviewer variance that have received very little research attention to date: 1) truly interpenetrated sampling, or random assignment of sampled cases to interviewers, is required for estimation of interviewer variance but logistically infeasible in many sample designs; and 2) recent research has suggested that interviewer variance may arise from nonresponse error variance in addition to measurement error variance, and traditional estimators of interviewer variance fail to account for this possibility when considering the total interviewer variance. The proposed research aims to provide survey researchers that desire to estimate interviewer variance with new estimation methods that account for these two important problems.

03/01/19 – 02/28/21

Coverage: 2.4 cal. Months  
Amount: \$136,524  
Grantor: NIH/NICHHD  
Title: **Investigating the Utility of Interviewer Observations on the Survey Response Process** (West-PI)

Description: Data quality is extremely important for health surveys, which are used extensively to inform health policies and evaluation programs; however, the evaluation of data quality in health surveys is challenging, because true values of survey variables either do not exist or are hard to access. This project will systematically examine the utility of interviewer observations of the survey response process in predicting the quality of data collection in five major health surveys. This project will be the first to provide comprehensive empirical evidence of whether or not interviewer observations of the survey response process are high enough quality to detect respondents who provide data of poor quality, how interviewer observations of this kind can be used in analysis, and the impact of removing respondents with poor data quality on estimates and relationships of scientific interest.

01/01/16 – 12/31/20

Coverage: 1.20 cal. Months

Amount: \$501,177

Grantor: NIH/NICHD

Title: **Partnering and Parenting Transitions and Mental Health**  
(Axinn-PI)

Description: The proposed research will dramatically advance what is known about how partnering and parenting transitions shape mental health for individuals and families. This information will advance policies and services designed to reduce psychiatric disorders, support families and improve health.

07/01/16 – 06/30/19

Coverage: 0.50 cal. Months

Amount: \$513,553

Grantor: NSF

Title: **The Continuation of Cohort 3 of the Longitudinal Study of American Youth** (Miller-PI)

Description: This Level III proposal requests support to continue a new cohort of 7<sup>th</sup> grade students through grades 8, 9, and 10 as a part of the Longitudinal Study of American Youth (LSAY); the proposed work addresses all three of the primary foci of the ECR program – STEM learning and learning environments, STEM professional workforce development, and broadening participation in STEM.

## 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<sup>th</sup> Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS, April 2011)
- 2010 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 5<sup>th</sup> Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS, April 2011)
- 2011 Survey Research Mentoring Program Team, Survey Research Methods Section of the American Statistical Association
- 2012 Survey Research Mentoring Program Team, Survey Research Methods Section of the American Statistical Association
- 2013 Member, Institute for Social Research Director’s Advisory Committee on Diversity (DACD) (contact: James Jackson, ISR Director)
- 2013 Member, Survey Research Center Summer Institute Committee (contact: Jim Lepkowski, jimlep@umich.edu)
- 2013 Planning Committee Member, 2015 International Total Survey Error Conference (ITSEC)
- 2013 Temporary Member, ISR IT Review Committee
- 2013 Member, Survey Research Center Summer Internship Program (SIP) Intern Selection Committee
- 2013 Member, Michigan Program in Survey Methodology (MPSM) Masters Degree Admission Committee
- 2013 Survey Research Mentoring Program Team, Survey Research Methods Section of the American Statistical Association
- 2014 Member, JPSM Distinguished Lecture Selection Committee
- 2014 Planning Committee Member, 2015 International Total Survey Error Conference (TSE15)
- 2014 Member, Survey Research Center Summer Internship Program (SIP) Intern Selection Committee
- 2014 Member, Survey Research Center Summer Institute Committee (contact: Jim Lepkowski, jimlep@umich.edu)

- 2014 Member, Michigan Program in Survey Methodology (MPSM) Masters Degree Admission Committee
- 2014 Member, Institute for Social Research Director's Advisory Committee on Diversity (DACD) (contact: James Jackson, ISR Director)
- 2015 Member, JPSM Distinguished Lecture Selection Committee
- 2015 Mentor, Undergraduate Research Opportunity Program (UROP), Two Students
- 2015 Planning Committee Member, 2015 International Total Survey Error Conference (TSE15)
- 2015 Member, Survey Research Center Summer Institute Committee (contact: Jim Lepkowski, jimlep@umich.edu)
- 2015 Member, Michigan Program in Survey Methodology (MPSM) Masters Degree Admission Committee
- 2015 Member, Institute for Social Research Director's Advisory Committee on Diversity (DACD) (contact: James Jackson, ISR Director)
- 2015 Member, Survey Research Center Faculty Diversity Committee (contact: Maggie Levenstein)
- 2015 Member, Faculty Research Fellow Review Committee, Colter Mitchell
- 2015 Member, Charles F. Cannell Fund in Survey Methodology Committee
- 2016 Member, JPSM Distinguished Lecture Selection Committee
- 2016 Member, Survey Research Center Summer Institute Committee (contact: Jim Lepkowski, jimlep@umich.edu)
- 2016 Chair, Michigan Program in Survey Methodology (MPSM) Masters Degree Admission Committee
- 2016 Member, Institute for Social Research Director's Advisory Committee on Diversity (DACD) (contact: David Lam, ISR Director)
- 2016 Member, Survey Research Center Faculty Diversity Committee (contact: Maggie Levenstein)
- 2016 Member, SMP Faculty Search Committee
- 2016 Member, SRC Research Dissemination Committee
- 2016 Member, Charles F. Cannell Fund in Survey Methodology Committee
- 2016 Member, Technical Advisory Committee (TAC), U.S. Bureau of Labor Statistics
- 2016 Member, JPSM Distinguished Lecture Selection Committee
- 2017 Member, Survey Research Center Summer Institute Committee (contact: Jim Lepkowski, jimlep@umich.edu)
- 2017 Chair, Michigan Program in Survey Methodology (MPSM) and Joint Program in Survey Methodology (JPSM) Masters Degree Admission Committee



- 2017 Member, Institute for Social Research Director's Advisory Committee on Diversity (DACD) (contact: David Lam, ISR Director)
- 2017 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/>
- 2017 Member, Charles F. Cannell Fund in Survey Methodology Committee
- 2017 Member, Technical Advisory Committee (TAC), U.S. Bureau of Labor Statistics
- 2017 Chair, JPSM Distinguished Lecture Selection Committee
- 2017 Member, FoodAPS-2 Working Group, U.S. Department of Agriculture (ERS)
- 2018 Chair, Michigan Program in Survey Methodology (MPSM) and Joint Program in Survey Methodology (JPSM) Masters Degree Admission Committee
- 2018 Member, Institute for Social Research Director's Advisory Committee on Diversity (DACD) (contact: David Lam, ISR Director)
- 2018 Member, SRC Research Dissemination Committee (see list of posts above)
- 2018 Member, Charles F. Cannell Fund in Survey Methodology Committee
- 2018 Member, Technical Advisory Committee (TAC), U.S. Bureau of Labor Statistics
- 2018 Chair, JPSM Distinguished Lecture Selection Committee
- 2018 Member, FoodAPS-2 Working Group, U.S. Department of Agriculture (ERS)

- 2018 Planning Committee Member, 2019 Workshop on Interviewer Effects on Total Survey Error (forthcoming at the University of Nebraska-Lincoln, February 26-28, 2019)
- 2018 Invited Member, SSOCS Methodology Technical Review Panel (TRP), National Center for Education Statistics, October 15-16, 2018

## **SERVICE**

- 2003 Referee for *Journal of Statistics Education* (<http://www.amstat.org/publications/jse/>)
- 2006 Referee for *Journal of Quantitative Analysis in Sports*
- 2006 Referee for *Psychological Science* ([psychsci@cornell.edu](mailto:psychsci@cornell.edu)).
- 2007 Referee for *Journal of Quantitative Analysis in Sports*
- 2007 Referee for *Psychometrika* ([cudeck.1@osu.edu](mailto:cudeck.1@osu.edu))
- 2007 Referee for *Economics Bulletin* ([tsjostrom@economics.rutgers.edu](mailto:tsjostrom@economics.rutgers.edu))
- 2007 Session Chair, 2007 Joint Statistical Meetings
- 2007 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* ([cudeck.1@osu.edu](mailto:cudeck.1@osu.edu))
- 2008 Ann Arbor Chapter of ASA, Treasurer
- 2009 Up and Running with R (one three-hour workshop, 9/21/09, for the Ann Arbor Chapter of the American Statistical Association)
- 2009 Abstract Referee, AAPOR Annual Conference
- 2009 Mentor, Undergraduate Research Opportunity Program, University of Michigan-Flint (Student: Andrea Garber)
- 2009 Ann Arbor Chapter of ASA, Chapter Liaison
- 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* ([brad.humphreys@ualberta.ca](mailto:brad.humphreys@ualberta.ca))
- 2009 Ann Arbor Chapter of ASA, Treasurer (term ended September 2009)

- 2010 Mentor, Undergraduate Research Opportunity Program, University of Michigan-Ann Arbor (Student: Ziming Liao)
- 2010 Abstract Referee, AAPOR Annual Conference
- 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*
- 2010 Ann Arbor Chapter of ASA, Chapter Liaison
- 2011 Abstract Referee, AAPOR Annual Conference
- 2011 Referee for *Journal of Qualitative Analysis in Sports*
- 2011 Referee for *Public Opinion Quarterly*
- 2011 Referee for *Helgoland Marine Research* (Contact: Luis Gimenez, oss611@bangor.ac.uk)
- 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 Upcoming Sage 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 Abstract Referee, AAPOR Annual Conference
- 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 Abstract Referee, AAPOR Annual Conference
- 2014 Ad-hoc Statistical Reviewer for *American Journal of Preventive Medicine*
- 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 Abstract Referee, AAPOR Annual Conference
- 2015 Judge, Student Poster Competition, AAPOR Annual Conference
- 2015 Member, Short Course Committee, AAPOR
- 2015 Ad-hoc Statistical Reviewer for *American Journal of Preventive Medicine*  
(**Ranked as Top Reviewer based on review quality ratings, 4/14/15**)

- 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 Ad-hoc Statistical Reviewer for *American Journal of Preventive Medicine*  
**(Ranked as Top Reviewer based on review quality ratings, 3/16/17)**
- 2016 Moderator, AAPOR Annual Conference
- 2016 Abstract Referee, AAPOR Annual Conference
- 2016 Referee for *Survey Methodology*
- 2016 Referee for *PLoS ONE*
- 2017 Referee for *Journal of Official Statistics*
- 2017 **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 21<sup>st</sup> 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 **Associate Editor for *Journal of Survey Statistics and Methodology***

- 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*
- 2018 Member, Assistant Research Scientist Review Committee, Brooke-Helppie McFall

## **ADMINISTRATION**

- 2012 Michigan Program in Survey Methodology (MPSM) Faculty Advisor, 7<sup>th</sup> Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS, April 2013)
- 2013 Faculty Director, JPSM Junior Fellows Program
- 2013 Michigan Program in Survey Methodology (MPSM) Faculty Advisor, 7<sup>th</sup> Annual Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS, April 2013)
- 2014 Faculty Director, JPSM Junior Fellows Program
- 2014 Topic-Contributed Session Organizer / Moderator, Joint Statistical Meetings (Boston, MA)
- 2014 Michigan Program in Survey Methodology (MPSM) Faculty Advisor, Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS)
- 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 Faculty Director, JPSM Junior Fellows Program
- 2015 Michigan Program in Survey Methodology (MPSM) Faculty Advisor, Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS)
- 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 Associate Chair, Education Committee, AAPOR Executive Council
- 2016 Faculty Director, JPSM Junior Fellows Program
- 2016 Michigan Program in Survey Methodology (MPSM) Faculty Advisor, Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS)
- 2017 Associate Chair, Education Committee, AAPOR Executive Council
- 2017 Faculty Director, JPSM Junior Fellows Program
- 2017 Chair, Education Committee, AAPOR Executive Council
- 2017 Michigan Program in Survey Methodology (MPSM) Faculty Advisor, Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS)
- 2017 Associate Director, Scientific / Technical Core of the P2C Center Grant from NICHD to the Population Studies Center of the Institute for Social Research
- 2018 Faculty Director, JPSM Junior Fellows Program
- 2018 Chair, Education Committee, AAPOR Executive Council
- 2018 Michigan Program in Survey Methodology (MPSM) Faculty Advisor, Michigan Student Symposium in Interdisciplinary Statistical Sciences (MSSISS)
- 2018 Associate Director, Scientific / Technical Core of the Population Dynamics and Health Program (PDHP) of the Population Studies Center (<https://pdhp.isr.umich.edu/>), Institute for Social Research
- 2018 Director, Survey Methodology Program (Survey Research Center, Institute for Social Research, University of Michigan-Ann Arbor)
- 2019 Organizer, Accepted Invited Session, JSM 2019 (State-of-the-art Inferential Approaches for Non-Probability Samples)

## **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
- [6] Felicitas Mittereder, Survey Methodology (CHAIR)

## 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). *Experimental Methods in Survey Research: Techniques that Combine Random Sampling with Random Assignment*. Wiley. Forthcoming in 2019.

### 2. Peer-Reviewed Journal Articles (\* denotes doctoral student)

#### 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)*, DOI: 10.1111/rssa.12255.
- [37] Hu, M.\*, Gremel, G.\*, Kirlin, J.A., and **West, B.T.** (2017). Non-response and Under-reporting 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.** and Li, D.\* (2018). Sources of Variance in the Accuracy of Interviewer Observations. *Sociological Methods and Research*. DOI: 10.1177/0049124117729698.
- [40] **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>.
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- [42] Antoun, C.\*, Conrad, F.G., Couper, M.P., and **West, B.T.** (2018). Simultaneous estimation of multiple sources of error in a smartphone-based survey. *Journal of Survey Statistics and Methodology*. DOI: <https://doi.org/10.1093/jssam/smy002>.
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- [46] **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.
- [47] **West, B.T.**, Sakshaug, J.W., and Aurelien, G.A\*. (2018). Accounting for Complex Sample Design Features in Survey Estimation: A Review of Current Software Tools. *Journal of Official Statistics*, 34(3), 721-752.
- [48] Fischer, M.\*, **West, B.T.**, Elliott, M.R., and Kreuter, F. (*In Press*). The Impact of Interviewer Effects on Regression Coefficients. *Journal of Survey Statistics and Methodology*.

## 2B. Applied and Collaborative Research

- [1] Spencer, A.U., Neaga, A., **West, B.T.**, Safran, J., Brown, P., Btaiche, I., Kuzma-O'Reilly, B, and Teitelbaum, D.H. (2005). Pediatric Short Bowel Syndrome: Redefining Predictors of Success. *Annals of Surgery*, 242(3), 403-412.
- [2] Green, C.R., Ndao-Brumblay, S.K., **West, B.T.**, Washington, T. (2005). Prescription Opioid Analgesic Availability in Minority and Caucasian Michigan Neighborhoods. *Journal of Pain*, 6(10), 689-699.

- [3] Gonzalez, H., **West, B.T.**, Underwood III, W. (2005). PSA Testing in Office-Based Clinics: Are We Testing As Much As We Think? *Journal of American College Surgeons*, 201(6), 906-911. **Note: This paper was selected to be included in the 2006 Yearbook of Oncology (Elsevier), highlighting breakthrough articles in oncology.**
- [4] Wise, C.G., Bahl, V., Mitchell, R., **West, B.T.**, Carli, T. (2006). Population-Based Medical and Disease Management: An Evaluation of Cost and Quality. *Disease Management*, 9(1), 45-55.
- [5] Wu, T., **West, B.T.**, Chen, Y., Hergert, C. (2006). Health Beliefs and Practices Related to Breast Cancer Screening in Filipino, Chinese, and Asian Indian Women. *Cancer Detection and Prevention*, 30(1), 58-66.
- [6] Vitzthum, V.J., Spielvogel, H., Thornburg, J., and **West, B.T.** (2006). A Prospective Study of Early Pregnancy Loss in Humans. *Fertility and Sterility*, 86(2), 373-379.
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- [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](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.

## 6. Publications Pending

### (a) Submitted

- [1] **West, B.T.**, Elliott, M.R., Mneimneh, Z., Wagner, J., Peytchev, A., and Trappmann, M. (*Under Second Review*). An Examination of an Interviewer-Respondent Matching Protocol in a Longitudinal CATI Study. *Resubmitted to Journal of Survey Statistics and Methodology, September 2018.*
- [2] Little, R.J.A., **West, B.T.**, Boonstra, P., and Hu, J. (*Under Second Review*). Measures of the Degree of Departure from Ignorable Sample Selection. *Resubmitted to Journal of Survey Statistics and Methodology, October 2018.*
- [3] Iglesias-Rios, L., Harlow, S., Burgard, S.A., **West, B.T.**, and Kiss, L. (*Under Review*). Patterns of violence and coercion and mental health in female and male trafficking survivors: A latent class analysis approach. *Submitted to Social Science and Medicine, September 2018.*
- [4] McCabe, S.E., Hughes, T., **West, B.T.**, Veliz, P., and Boyd, C.J. (*Under Second Review*). DSM-5 Alcohol Use Disorder Severity as a Function of Sexual Orientation Discrimination: A National Study. *Resubmitted to Alcoholism: Clinical and Experimental Research, October 2018.*
- [5] Arterberry, B.J, Boyd, C.J., **West, B.T.**, Schepis, T.S., and McCabe, S.E. (*Under Second Review*). DSM-5 substance use disorders among college-age young adults in the United States: prevalence, remission and treatment. *Resubmitted to Journal of American College Health, November 2018.*

### (b) Under Revision

- [1] Hu, M.\*, Kirlin, J.A., **West, B.T.**, Hu, W.\*, Ong, A.R.\*, and Zhang, X. (*Revise and Resubmit*). Estimation of Under-Reporting in Diary Surveys: An Application using the U.S. Food Acquisition and Purchase Survey. *Submitted to Journal of Survey Statistics and Methodology, July 2018.*
- [2] Teter, C.J., DiRaimo, C., **West, B.T.**, Schepis, T.S. and McCabe, S.E. (*Revise and Resubmit*). Nonmedical use of prescription stimulants among U.S. high school students to help study: results from a national survey. *Submitted to Journal of Pharmacy Practice, February 2018.*
- [3] Cliff, E.Q., Krenz, C., **West, B.T.**, Levy, H., Fendrick, A.M., Fagerlin, A., and Kullgren, J.T. (*Revise and Resubmit*). Attitudes about Cost-Conscious

- Consumer Strategies among Americans in High-Deductible Health Plans. *Submitted to Medical Care, March 2018.*
- [4] Lopez, V., **West, B.T.**, Clarke, P., Quentin, E., and Eisenberg, J. (*Revise and Resubmit*). Latent variable modeling to develop a robust proxy for sensitive behaviors: application to latrine use behavior and its association with sanitation access in a middle-income country. *Submitted to BMC Public Health, July 2018.*
- [5] Kullgren, J.T., Cliff, E.Q., Fagerlin, A., **West, B.T.**, Levy, H., Fendrick, A.M., and Krenz, C. (*Revise and Resubmit*). What new strategies could help patients be more discerning health care consumers? Evidence from a national survey of Americans in high-deductible health plans. *One of 15 submissions selected for further consideration in a special issue of Health Affairs on Consumerism in Health Care, July 2018.*

### (c) In Preparation

- [1] **West, B.T.**, Boonstra, P., Little, R.J.A., Chen, C., and Hu, J. (*In Preparation*). Measuring Non-Ignorable Selection Bias in the Genes for Good Project: An Application of New Indices for Quantifying Deviations from Ignorable Sample Selection. *Journal TBD, October 2018.*
- [2] **West, B.T.**, Andridge, R.R., Little, R.J.A., and Boonstra, P. (*In Preparation*). Indices of Non-Ignorable Selection Bias for Proportions Estimated from Non-Probability Samples. *Journal TBD, October 2018.*
- [3] Westgate, P.M. and **West, B.T.** (*In Preparation*). Tools for Selecting Working Correlation Structures When Using Weighted GEE to Model Longitudinal Survey Data. *Journal TBD, October 2018.*
- [4] Wagner, J., Elliott, M.R., **West, B.T.**, and Coffey S. (*In Preparation*). The Elicitation of Prior Distributions for Bayesian Adaptive and Responsive Survey Design. *Journal TBD, October 2018.*
- [5] Elliott, M.R. and **West, B.T.** (*In Preparation*). The Anchoring Method: A Bayesian Approach to Estimating Interviewer Effects in the Absence of Interpenetrated Assignment. *Journal TBD, October 2018.*
- [6] Smith, V. and **West, B.T.** (*In Preparation*). Modeling Marginal Means of Semicontinuous Survey Data Arising from Complex Samples. *To be submitted to Statistics in Medicine, August 2018.*
- [7] Guyer, H., Chang, W., and **West, B.T.** (*In Preparation*). Using Paradata to Develop and Implement an Interviewer Performance Profile for Monitoring and Evaluating Interviewer Performance. *Journal TBD, September 2018.*
- [8] Odenwald, K.C., London, K., **West, B.T.**, Hunn, C.L., Chen, S., Wininger, J.D., Kavoussi, K.M., Kavoussi, P.K., and Kavoussi, S.K. (*In Preparation*). Factors associated with subchorionic hematoma formation



in pregnancies achieved via assisted reproductive technologies. *Journal TBD*, August 2018.

## **PRESS RELEASES**

*New York Times*, January 3, 2009:

[https://www.nytimes.com/2009/01/04/sports/ncaafotball/04score.html?\\_r=1&em](https://www.nytimes.com/2009/01/04/sports/ncaafotball/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 69<sup>th</sup> 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 70<sup>th</sup> 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 71<sup>st</sup> 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)

## **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](http://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](http://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](http://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](http://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](http://www.statistics.com), with Pat Berglund)
- 2011 Analysis of Survey Data from Complex Sample Designs ([www.statistics.com](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.statistics.com))

- 2018 Applied Sampling (MPSM/JPSM, Winter 2017, 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 Co-Developer, *Statistics with Python*, coursera.org (available Winter 2019)
- 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](http://www.statistics.com))

### 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 10<sup>th</sup> 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 11<sup>th</sup> 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 9<sup>th</sup> 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 21<sup>st</sup> 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. Facilitators of and Barriers to Engagement in Cost-Conscious Behaviors Among Americans in High-Deductible Health Plans. *Abstract submitted to the 2018 AcademyHealth Annual Research Meeting, Seattle, WA, June 24-26, 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. *Presentation forthcoming 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 24-26, 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. *Paper to be presented at the 2018 College on Problems of Drug Dependence conference.*
- [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. *Paper to be presented at the 2018 College on Problems of Drug Dependence conference.*
- [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.*
- [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] Sakshaug, J.W., **West, B.T.**, and Aurelien, G.A.S. (2018). Do Researchers Account for Complex Design Features When Analyzing Survey Data? A Meta-Analysis. *Submitted to the Midterm Conference of ESA RN 21 (Quantitative Methods), Krakow, October 2018.*

### 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.*

## 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 10<sup>th</sup> 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 38<sup>th</sup> 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.*
- [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 accepted for presentation at the 2018 annual conference of the Society for Research on Nicotine and Tobacco.*
- [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 accepted for presentation at the 2018 annual conference of the Society for Research on Nicotine and Tobacco.*
- [36] McCabe, S.E., Boyd, C.J., Teter, C.J., **West, B.T.**, Veliz, P., Ford, J.A., Pomykacz, C., Schepis, T.S. (2018). Sources of prescription drug misuse among U.S. emerging adults. *Poster presentation forthcoming 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.**, McCabe, S.E. (2018). Of substance: stressful life events and substance use in a national sample. *Presentation forthcoming 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., 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. *Presentation forthcoming 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 accepted for presentation at the 2018 Academy Health Annual Conference.*
- [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 to be 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.*

## **PROFESSIONAL MEMBERSHIPS**

2001- American Statistical Association

2008- American Association for Public Opinion Research

2008- Midwest Association for Public Opinion Research

2012- Royal Statistical Society

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

*Please direct any questions about the information above to [bwest@umich.edu](mailto:bwest@umich.edu).*