NATIONAL YOUTH TOBACCO SURVEY

OMB No. 0920-0621

External Peer Review of the National Youth Tobacco Survey Sampling Methodology

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ABBREVIATIONS

CCD COMMON CORE OF DATA

CDC CENTERS FOR DISEASE PREVENTION AND CONTROL

EB EPIDEMIOLOGY BRANCH

FDA FOOD AND DRUG ADMINISTRATION

MDR MARKET DATA RETRIEVAL, INC.

NCES NATIONAL CENTER FOR EDUCATION STATISTICS

NYTS NATIONAL YOUTH TOBACCO SURVEY

OMB OFFICE OF MANAGEMENT AND BUDGET

OSH OFFICE ON SMOKING AND HEALTH

PSS PRIVATE SCHOOL SURVEY

PSU PRIMARY SAMPLING UNIT

SME SUBJECT MATTER EXPERTS

YRBS YOUTH RISK BEHAVIOR SURVEY

BACKGROUND

The National Youth Tobacco Survey (NYTS) is a nationally representative survey of middle and high school students that focuses exclusively on tobacco use patterns and associated factors. Information collection employs a repeat cross-sectional design to develop national estimates of tobacco use and its correlates, including exposure to pro- and anti-tobacco influences among youth. NYTS data are principally used to generate prevalence and associated factors of tobacco use patterns and correlates that inform public health programs and activities.

The NYTS is a paper and pencil questionnaire administered to U.S. middle and high school students, grades 6-12. A probability based, nationally representative sample is used to select schools. Within selected schools, classes are randomly selected and all students in the selected class are eligible to participate. In order to minimize the burden on the schools and students, the NYTS is completed in one class period. NYTS provides comprehensive data about the use and correlates of tobacco products such as bidis, cigarettes, cigars, tobacco pipes, smokeless tobacco, snus, dissolvable tobacco products, hookahs, and electronic cigarettes; exposure to secondhand smoke; smoking cessation; school curriculum; minors' ability to purchase or obtain tobacco products; and, knowledge and attitudes about tobacco and familiarity with pro-tobacco and anti-tobacco media messages.

The Centers for Disease Control and Prevention's (CDC) Office on Smoking and Health (OSH) conducted an external peer review of the sampling frame and survey design methodology used to administer the NYTS to assess whether there is a more efficient and effective approach for improving coverage rates and increasing participation rates among U.S. middle and high schools. The external review of the NYTS was conducted in October 2016 by a workgroup composed of four peer subject matter experts (SME) on survey methodology whose primary focus is public health research, representing a combination of researchers and academicians. Each SME provided independent feedback and recommendations on the NYTS methodology.

EXTERNAL PEER REVIEW PROCESS

The peer review was conducted by a workgroup composed of four subject matter experts (SME) on survey methodology, external to CDC. Facilitation and logistical assistance was provided by a CDC OSH contractor.

Workgroup Peer Reviewers:

J. Michael Bowling, PhD Research Associate Professor Department of Health Behavior University of North Carolina Gillings School of Global Public Health Timothy Johnson, PhD Director, UIC Survey Research Laboratory Professor of Public Administration University of Illinois-Chicago

Patrick O'Malley, PhD Research Professor Youth and Social Issues Institute for Social Research Survey Research Center University of Michigan William M. Ward, PhD
Statistician
Sampling & Data Collection Manager,
National Assessment of Education Progress
National Center for Education Statistics
U.S. Department of Education

The review assessed the opportunities for improvement in the survey sampling methodology. Specific objectives of the review included:

Delineating the strengths, weaknesses and opportunities for improvement in the current methodology used to administer the NYTS, addressing the following four areas:

- a. Sampling frame construction: To assess the current way of constructing a sampling frame and potential improvements in order to construct a valid and reliable sampling frame that accurately provides a comprehensive, up-to-date list that covers U.S. middle and high schools and could be used to draw representative samples of U.S. middle and high schools.
- b. Sampling design: To determine enhancements to the current sampling methods in order to get a valid representative sample of U.S. middle and high school students.
- c. Recruitment: To investigate potential ways to improve participation and response rates, especially among minority populations.
- d. Weighting: To solicit feedback on current weighting procedures for NYTS.

Each member assessed the strengths and weaknesses of the current NYTS sampling frame and methodology, as well as provided individual recommendations in four areas of survey methodology, including sampling frame construction, sampling design, recruitment and post hoc sample weighting.

Prior to the actual in-person review meeting a web-conference was convened with members of the workgroup to provide an overview on the management and administration of the NYTS. External reviewers were invited to submit written individual questions and comments during and post the web-

conference to assist CDC in providing the workgroup with the necessary materials and information in advance of the in-person review meeting.

The in-person review was conducted in one day and facilitated by an independent third party contractor (Agenda is provided in Appendix A). CDC and the NYTS survey contractor conducted in-depth presentations about the various components of managing and administering the NYTS, including school recruitment methods. A discussion period was convened to answer reviewer questions. Each reviewer deliberated to formulate findings and draft recommendations. The findings and recommendations from each reviewer was collated into a final report by the CDC OSH contractor. The recommendations were classified under four domains, sampling frame, sampling design, recruitment and weighting methodology.

The program responses and rationale to each of the recommendations are presented in this report.

OSH (the program) responses to the recommendations are categorized as follows:

<u>Concur and change in effect</u> – agree and have the funding, staff, and control over the means to begin implementation of the recommendation; rationale is provided.

<u>Concur and change planned for future</u> – agree and plan to implement based on the funding or staff resources; rationale is provided.

<u>Concur in principle but change cannot be made</u> – do not have the funding or staff resources, or the recommendation is not currently feasible for the NYTS, or program does not have control over the means to begin implementing the recommendation; rationale is provided.

<u>Do not concur and change not made</u> – rationale for non-concurrence is provided.

The following is a brief summary of comments on NYTS strengths from the external peer reviewers (Detail comments on NYTS strengths are provided in the Table below).

- The sample frame for NYTS is clear and well defined, and likely provides coverage of a very high proportion of all age eligible adolescents in the United States.
- The NYTS sample design is clearly outlined and provides a reliable and representative sample of schools and students that is stratified by several variables with important policy ramifications, including urban vs. rural status, and level of minority concentrations of the schools.
- The NYTS recruitment procedures are appropriate with response rates comparable to other school-based national samples. The school and parental recruitment processes appear to be executed in a highly professional and systematic manner.
- The sample weighting, nonresponse adjustment and calibration using an iterative rake-trim method are particular strengths of the NYTS survey design. The NYTS follows standard

statistical weighting best practices and procedures such as the provision of base weights, adjustments for nonresponse, and the application of additional adjustments, such as trimming.

	NYTS External Peer Review, page ${\bf 6}$ of ${\bf 130}$
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Table of strengths of NYTS provided by the workgroup:

	SAMPLING FRAME	SAMPLING DESIGN	RECRUITMENT	WEIGHTING
STRENGTHS	The sample frame for NYTS is clear and well defined, and likely provides coverage of a very high proportion of all age eligible adolescents in the United States. Using National Center for Education Statistics (NCES) Common Core of Data (CCD) as the sampling frame for public schools is a best practice and should be continued. The CCD is the best source of upto-date information about public schools, their grade spans and enrollment, and district affiliation, and CCD are provided on a consistent basis (updated annually) within and across states. Using NCES' Private School Universe Survey (PSS) as the sampling frame for private schools is a best practice and should be continued. Continue to augment currently used databases with other existing available commercial frames (i.e., Market Data Retrieval, Inc.) but realize that private sector lists may be derived from the CCD.	The sample design is clearly outlined and provides a reliable and representative sample of schools and students that is stratified by several variables with important policy ramifications, including urban vs. rural status, and level of minority concentrations of the schools. The choice of Primary Sampling Unit or PSU, (county, groups of small counties, or part of a large county) is an appropriate measure of clustering to gain logistical efficiencies. Schools are the Secondary Sampling Unit (SSU). The sample design restricts the number of schools selected per PSU to a small number which minimizes the size of design effect (DEFF) due to clustering. Using PSU as the first stage reduces travel costs for field staff and makes the design more efficient. The NAEP program has determined that, for national data collections, it is cost efficient to use a PSU-based design — although this cost efficiency may not hold true if the NYTS decides to collect state-level samples in addition to national level samples. Using PSU-based samples also provides an effective means of controlling the extent to which individual schools () are included in successive assessments. Continue as a best practice to release the sample of selected schools in May prior to the school year when data collection takes place. This allows for selected schools to put the data collection on their school calendar before the prior year is over.	NYTS and contracting staff responsible for this work are to be commended for the efforts they are able to coordinate and the levels of success that they achieve. Recruitment procedures are appropriate with response rates comparable to other school-based national samples. There are no indications that survey data are biased by school-level nonresponse and little potential for bias in student response rates due to school level or racial composition. The school and parental recruitment processes appear to be executed in a highly professional and systematic manner. These are not easy and are clearly the most time-consuming aspects of the annual NYTS process. At the school level, personal outreach and recruitment by highly skilled and informed staff are necessary for success. The high proportion of participating schools that permit passive parental consent is also important to acknowledge as an important NYTS accomplishment as this likely leads to higher overall cooperation rates for the survey.	Sample weighting, nonresponse adjustment and calibration using an iterative rake-trim method are particular strengths of the NYTS survey design. Analytical methods are appropriate for the sample design. Design effects are reasonable given clustering at the county and school level. Given the small number of schools selected at the PSU level, it is not likely that DEFFs can be diminished significantly through modifications in the design. The NYTS follows standard statistical weighting best practices and procedures such as the provision of base weights, adjustments for nonresponse, and the application of additional adjustments, such as trimming.

RECOMMENDATIONS FOR THE NATIONAL YOUTH TOBACCO SURVEY

I. SAMPLING FRAME

1. Using National Center for Education Statistics' (NCES) Common Core Dataset (CCD) and Private School Survey dataset (PSS) files as the school sampling frames allows for NYTS results to be reported consistently with other NCES statistics based on CCD data. This overlap between NYTS and NCES surveys should be explored more fully for both public and private schools reporting.

Program response: Concur and change in effect

The present NYTS sampling frame construction combines different data sources. The first source is a file produced by Market Data Retrieval, Inc. (MDR) which contains school enrollments, grades, and racial/ethnic distributions for public and private schools across the nation, data that are all used in the sampling design. In addition, the frame contains district and county information, and other contact information. The other data source consists of two files from the National Center for Education Statistics; the CCD which is a national file of public schools, and the PSS, a file of national non-public schools. Over time, we have moved from a frame constructed singly from the MDR files to a frame that also incorporates data from the two NCES data sources—CCD and PSS to increase the coverage of both public and private schools for a nationally representative sample.

After considerable testing and simulations, this multiple-source frame was first implemented for the 2014 NYTS. Including schools sourced from the two NCES files in addition to the MDR file resulted in a coverage increase among all public and non-public high schools of 23%. There was a 15.5% increase of coverage among public schools and a 46% increase in coverage among private high schools. The increase of schools increased the student coverage among public high schools by 2% and 16.5% for private high schools. Most of the added schools were smaller schools. The findings clearly demonstrated the gains in using multiple data sources.

2. The NYTS should invest in identifying ways to potentially improve the measure of size (MOS) information that is employed as part of the sampling process.

Program response: Concur and change in effect

The need for oversampling Hispanic students has been gradually reduced with the increasing numbers of Hispanics among the student population. Some degree of oversampling non-Hispanic black students remains in the sampling design.

The MOS was previously used to increase the probability of selection of high racial/ethnic minority PSUs and schools using a Probability Proportional to Size (PPS) sampling design. The effectiveness of a weighted MOS in achieving oversampling is dependent upon the distributions of non-Hispanic black and Hispanic students in schools. The need for a weighted MOS is predicated on a relatively low prevalence of minority students in the population; however, this premise has become less tenable with the increase of nonwhite students in the population overall, and specifically, Hispanic students.

To facilitate accurate prevalence estimates among racial/ethnic minority groups, prior cycles of the NYTS have employed multiple strategies to increase the number of non-Hispanic black and Hispanic students included in the sample. These approaches have included over-sampling PSUs in high racial/ethnic minority strata, the use of a weighted MOS, and double class selection in large schools that contained a sufficient proportion of minority students. This method has been shown to reduce design effects for survey estimates, which is defined as the variance of actual survey estimates divided by the variance of a simple random sample of the same size.

3. Improve timeliness of the school frame through collaboration with other school survey organizations, which is likely the most budget neutral improvement that can be made to the current design. Incorporating the National Driver Register (NDR) could be considered for improved timeliness.

Program response: Concur in Principle but change cannot be made

If timeliness of the school frame refers to whether or not the frame has the most up-to-date information, the annual updates made to the MDR frame confirm that all updates to the MDR file are made prior to each cycle's sample draw. The MDR data file is updated annually to ensure district and school information is accurate. Calls are made by MDR to school districts in the late summer to early fall followed by calls to schools which conclude by early January. This update process includes identifying new schools, deleting schools that have closed, and reconfirming other data points collected as part of the file (enrollments, racial/ethnic composition, contact information, etc.). These frames are updated in the fall and spring each year.

OSH is not opposed to drawing on the resources of other school survey organizations and possibly researching the value-add of incorporating information from other sources; however, the NDR only identifies a very small subset (high school students who have a driver's license) of the NYTS population. Also, since NYTS sample is drawn by institution (schools) as opposed to students, incorporating the NDR data source would not be appropriate for the NYTS sampling.

4. In addition to other commercial frames, the NYTS should make use of state, school, and district websites to check on the quality of the school file. To compensate for the fact that NCES' CCD file (used to create the public school sampling frame) could be two to three years out of date, at the time of NYTS frame creation the program should consider implementing a "new schools procedure" that could supplement the NYTS samples. NCES' National Assessment of Educational Progress (NAEP) program successfully creates limited frames of new public schools every two years whereby new schools are included in the sample along with the original school sample. In addition to being a good quality check of the CCD file, it also allows for schools that may not be covered adequately on CCD (such as charter schools) to become eligible to be sampled.

Program response: Concur in Principle but change cannot be made

OSH does not have the capacity to check the entire public/private school frame data files against their respective state, district and school websites during the frame construction and prior to sampling. Mining the entire public/private school frame data is a very resource intensive approach. However, the current methodology does include a validation of all sample information once the sample is drawn. The validation is conducted via phone with the states, districts and schools as well as supplemental checks on websites. We use websites to obtain information if no one can be reached by phone. We have found that the websites can be out of date and that phone calls provide much more accurate and up-to-date information.

OSH has made several efforts to ensure that our sampling frame is current, complete, and correct. For example, OSH uses multiple sources of information to construct the NYTS sampling frame, including (1) MDR which contains school enrollments, grades, and racial/ethnic distributions for public and private schools across the nation; (2) NCES' the CCD which is a national file of public schools, and (3) the PSS dataset. OSH is confident that with these multiple sources, the probability of non-coverage of a given school is very low.

Finally, OSH realizes the importance of inclusion of new schools in the sample along with the original school sample; however, potential for non-coverage error arising from newly introduced schools not being captured in the existing NYTS sampling frame is likely to be small. Data from the NCES shows that the total number of public schools in the US has remained stable between 98,000 and 99,000 in the past decade; indicating an equilibrium between the number of closed schools and number of newly opened schools. Most of the schools with high turnover rates are outside the universe of NYTS. For example, examination of NCES data for the 1,737 schools that were closed in 2013-2014 showed that most were not part of NYTS universe including: elementary; special education; vocational; and alternative schools, among others.

II. SAMPLING DESIGN

1. Including additional school types in the sampling frame was suggested which would expand the scope of the current design; however, a thorough examination of students omitted should be conducted before deciding on the approach.

Program response: Concur in Principle but change cannot be made

While adding additional school types in the sampling frame would expand the scope of the current NYTS design, the NYTS sample design excludes Department of Defense (DOD), Bureau of Indian Affairs (BIA) and Juvenile Justice Center (JJC) schools for a variety of reasons. The DOD and BIA schools are excluded because these schools fall under a separate jurisdiction offering many barriers to recruitment and data collection (e.g. not supported by State Departments of Education and Health), and they cover a relatively small share of the eligible student population. The DOD schools present the additional challenge in that many are overseas and cost-prohibitive to travel to for so little added representation. In addition, the BIA schools have added research restrictions including, for example, sponsorship by local tribes to survey schools located on reservation territory. The JJCs are excluded for multiple reasons including the transient nature of their population, the lack of denominator data for sampling frame purposes, and the fact that many of the students also have a "relationship" of some kind with a regular public school that is their home school.

2. DOD schools should be explored to be included in the NYTS as a single reporting entity. Every two years, the NAEP program successfully collects data on-site (both domestic and international) from Department of Defense Education Activity (DODEA) schools and reports on DODEA schools.

Program response: Concur in Principle but change cannot be made

The DOD schools are excluded because these schools fall under a separate jurisdiction offering many barriers to recruitment and data collection (e.g. not supported by State Departments of Education and Health), and they cover a relatively small share of the eligible student population. These schools present an added issue that many are overseas and cost prohibitive to travel to for so little added representation.

3. Given adolescent developmental trajectories associated with the take-up of tobacco use behaviors, it is conceivable that the tobacco use rates in any given school could be very different at some grade levels between the start and the conclusion of the Spring Semester. This is a potential concern that could be at least partially addressed via analyses of existing NYTS data that compares tobacco use prevalence, while introducing appropriate controls, based on the date that questionnaires are administered to students. Indeed, such analyses could be conducted with NYTS data pooled across multiple years, which might ensure adequate statistical power was available.

Program response: Concur and change planned for future

It is understood that tobacco use prevalence in a given school could be different at some grade levels between the start and the conclusion of the spring semester (the season of NYTS survey administration). As recommended, this could be at least partially addressed via analyses of existing NYTS data that compares tobacco use prevalence, while introducing appropriate controls, based on the date that questionnaires are administered to students.

4. Consider using substitute schools when the originally sampled school is not able to participate, but has students who should validly be included in the NYTS. Substitute schools can provide an effective means of reducing the bias due to school nonresponse, provided that each substitute school is quite closely matched to the school it's replacing with regard to characteristics that are related to the original school's selection.

Program response: Concur and change planned for future

OSH will explore the use of substitute schools in our next cycle of sampling, which is targeted for 2018. Most of the survey methods for dealing with nonresponse have focused on post-data collection adjustments such as weighting, imputation, and statistical modeling. Although post-survey adjustments are flexible and relatively inexpensive methods for dealing with missing data, survey data collection presents unique opportunities to minimize nonresponse error. As Benjamin King once said, "There is only one real cure for nonresponse and that is getting the response" (Frankel and King, 1996). In practice, however, with finite resources and time, nonresponse cannot be eliminated entirely. But some actions and interventions during the data collection stage could potentially mitigate the impact of nonresponse on final estimates.

Frankel, M. and King, B. (1996). A conversation with Leslie Kish. Statistical Science, Vol. 11, No. 1, pp. 65-87

5. Consider oversampling American Indian/Alaskan Native (AI/AN) students to allow for subgroup reporting for these students. Two potential approaches include: 1) including BIE students in the sample; and 2) oversampling high proportion American Indian schools in certain select states (i.e., Arizona, Minnesota, North Carolina, Oregon, Utah, Washington, and Wisconsin).

Program response: Concur and change planned for future

The approaches used in NYTS include over-sampling PSUs in high racial/ethnic minority strata, the use of a weighted MOS, and double class selection in large schools that contained a sufficient proportion of minority students. In the next cycle of NYTS, OSH will explore the oversampling high

proportion of American Indian schools in certain select states (i.e., Arizona, Minnesota, North Carolina, Oregon, Utah, Washington, Wisconsin etc.)

6. Consider using the 2010 Census to provide the data to create the aggregate of counties used in the initial PSU selection process. The 2010 Census can be used by the NYTS to provide population counts of children in its desired age ranges (typically children under 17 years of age). Each year (within the 10-year span between collections) the 2010 Census data can be updated using Census population count projections. So, by using updated versions of the 2010 Census, each year the NYTS would be able to update their frame measures of size for the PSUs using the most current population estimate data.

Program response: Do not concur and change not made

It is better to use aggregate school enrollment in the eligible grades instead of child population in each county, and county grouping defined as PSUs. This measure should be used as a MOS for PSU selection with PPS.

The age categories in the Census breakdowns do not map well to the target population of middle school (MS) and high school (HS) students. Instead it maps to age groupings regardless of their grade in school and whether or not they are enrolled in school (nonerollment in school, e.g., dropouts, is more of an issue for HS). The relevant age groups (children) provided in the US Census data for counties, both for the Decennial Census and for the American Community Survey (ACS), are as follows:

Under 5 5-9 10-14 15-19

Using the same consistent size measure— aggregate school enrollment in the eligible grades—is important to ensure that the sampling design is nearly self-weighting, i.e., that students have the same probabilities of selection overall. Moreover, the Decennial Census data are chronically out of date, while the ACS data are only provided every 3 years in aggregate form for most counties (all but the largest counties). Finally, OSH notes that the aggregation of counties to form PSUs should not use either measure but rather a minimal number of eligible schools. The PSUs should all support the selection of sample schools.

III. RECRUITMENT

1. The use of incentives may be examined in an attempt to increase student nonresponse, particularly within African Americans. In a recent Internet-based survey conducted by the UNC Carolina Survey Research Laboratory promise of monetary incentives were highly effective in obtaining telephone and internet survey results from adolescents. Consider use of limited incentives through school giveaways of iPads. The cost is relatively low and could perhaps boost response within low income groups.

Program response: Concur in Principle but change cannot be made

Incentives are currently given to participating schools rather than individual students. The ability to adopt this recommendation is contingent upon available funding and regulatory approvals, such as Institutional Review Board (IRB) approvals.

We are also required to comply with federal guidelines regarding incentives in information collection requests. The baseline for government surveys is <u>no</u> incentive. We offer incentives only in particularly high burden encounters, such as those involving personal cost to the respondent e.g. when the respondent must get to the site where a focus group is being conducted (the maximum is \$75), or if there is empirical evidence of response bias - and that the incentive is reducing said bias. NYTS is conducted in a school-setting that has already been approved by the relevant school authorities; the students are already there for classes regardless of the survey and as such is not considered extra burden.

2. Perhaps focus groups with administrators and separately for students could elucidate possible means of improving response rates.

Program response: Concur and change planned for future

Focus groups and other qualitative approaches, such as key informant interviews could be helpful in defining further strategies to improve response rates in NYTS. The ability to adopt this recommendation is contingent upon available funding and regulatory approvals, such as Information Collection Request (ICR) and Institutional Review Board (IRB) approvals.

It should however be noted that NYTS has a fairly high response rate at both school and student levels. School participation rates over the past eight cycles have been: 2004 (93.5); 2006 (92.0%); 2009 (93%); 2011 (83.5%); 2012 (80%); 2013 (75%); 2014 (80%), 2015 (72.6%) and 2016 (81.5%). Similarly, student response rates have been as follows: 2004 (87.5%); 2006 (87.0%); 2009 (92%); 2011 (88%); 2012 (92%); 2013 (90.5%); 2014 (91%), 2015 (87.4%) and 2016 (87.9%). Overall response rates have been: 2004 (82%); 2006 (80.0%); 2009 (85%); 2011 (73.5%); 2012 (74%); 2013 (68%); 2014 (74%), 2015 (63.4%) and 2016 (71.6%).

3. An important, low cost opportunity for NYTS is developing a professionally designed web page for NYTS that schools, teachers, parents and students could be referred to for information about the study. This should be a high priority for 2017. This needs to be done regardless of the availability of additional NYTS funding. Revisions will be necessary to all recruitment and informational materials in order to link schools, teachers, parents and students with the web site, which will contribute to the overall cost of this effort.

Program response: Concur and change in effect

The program maintains a survey website with a description of the NYTS and access to the NYTS questionnaires, methodology documentation, and the survey data for public use.

4. Utilization of YRBS-like state level contacts in recruitment may be a potential opportunity to provide improved recruitment.

Program response: Concur and change planned for future

The ability to adopt this recommendation is contingent upon available funding to the state programs to support this resource.

5. Consider developing a best practices guide (BPG) for schools to use as they ready their staff and students for NYTS data collection. The BPG goals are to obtain teacher by-in and to motivate students to do their best. The NAEP program has developed such a guide for 12th grade schools that includes videos to introduce NAEP to teachers and students, PowerPoint presentations to share at faculty and student meetings, and resources schools can customize to share information about NAEP. Also, the NAEP BPG contains successful strategies for increasing student participation (e.g., ways to recognize and thank students, assembly announcements, school newsletter information, school newspaper article, etc.).

Program response: Concur and change planned for future

The added value of BPG aimed at teacher buy-in and students' motivation for better participation in the survey could potentially increase the overall survey participation rate, and help reduce potential nonresponse bias, and planned in the next cycle of NYTS.

6. NYTS should explore shifting some or all of its field staff training (whether it be pre-survey work, actual data collection, or close out activities) to a distance learning model. The NAEP program has successfully implemented distance learning over the recent past with significant cost savings to the program. One example: converting one day of in-person field staff training into self-paced, multimedia training modules with follow-up phone conversations with supervisory field staff.

Program response: Concur and change planned for future

Although not sampling- or methodology-related, this recommendation has potential to include efficiencies and reduce costs around the training of field staff. OSH will investigate whether CDC or sister-agencies have distance-learning models or procedures that could be modeled for this purpose.

7. The NYTS should consider developing and having all field staff fill-out a session debriefing form that collects information such as attendance problems, student behavior, teacher and student reactions, adequacy of seating and space. This information can help the NYTS learn more about the logistical and qualitative factors that may impact data collection and can be used to enhance procedures for future data collections. Additionally, a school coordinator debriefing interview can augment the field staff session debriefing form.

Program response: Concur and change planned for future

In the next cycle of NYTS, a component will be added to ask all data collectors to participate in a debriefing soon after finishing data collections. The debriefing process is useful in capturing first impressions as well as things that emerged as themes, such as attendance problems, teacher and student reactions, adequacy of seating and space, and the adequacy of definitions and codes of student eligibilities.

IV. WEIGHTING

1. If possible, findings from the annual non-response bias studies done as part of NYTS should be summarized and included as part of its annual methodological report. In terms of the non-response bias analyses, it would be very useful to examine the degree to which school drop-out rates are associated with school participation rates in the NYTS.

Program response: Concur and change planned for future

The annual non-response bias analysis report assesses the response rates and potential nonresponse bias associated with NYTS. In the past, this analysis has identified some differences in participation by school type and school size, as well as by sociodemographic characteristics of student populations. This information then has been used to develop appropriate adjustments to reduce the impact of nonresponse on the final weighted data. In the past, the annual non-response bias report has been produced separately from the methodology report and used internally. Future reports will include the information from the non-response analysis in the methodology report that is published online. The methodology report will include a summary chapter of the key findings from the annual non-response bias analyses.

2. The NYTS should consider providing preliminary weights for pilot and field tests for two main reasons: 1) to be able to review testing procedures, drafting analyses, and getting an early look at general results prior to the availability of the final weights (which allow for the reporting of unbiased results); and 2) the psychometric evaluation of pilot survey items as part of the process of determining which items should be included in the final survey. The integration of a preliminary weighting process may play a role in helping NYTS achieve reporting within six months from the end of data collection.

Program response: Concur and change planned for future

In the next cycle of NYTS, OSH will implement a protocol for providing preliminary weights to conduct pilot and field tests.

3. The current weighting procedures in NYTS are appropriate. It was suggested that any change in the weighting procedure could introduce difficulties in interpreting trend data. Thus, absent any information that suggests problems with the weighting, NYTS should continue its current procedures.

Program response: Concur and change in effect

The current weighting procedures for NYTS include survey weights that are computed for each participating student to adjust for differential nonresponse and for varying probabilities of selection. Weights are post-stratified iteratively (raked) to ensure that the

weighted estimates in each grade match known national population totals which are available from external data, i.e. the MDR, CCD and PSS data (Post-stratification variables include (1) school type (public vs non-public); (2) grade; (3) gender; and (4) race/ethnicity. Starting with the 2014 NYTS, a multi-layered post-stratification was used and implemented with an iterative, raking approach using marginal totals for each variable (or combination). With raking, less collapsing of categories is necessary for the post-stratification variables (e.g. all racial/ethnic categories are used rather than being collapsed into major categories). Raking also can be implemented in tandem with weight trimming which could cap the maximum weights.

The weighting procedures have worked well for the NYTS over time and substantial changes in weighting procedures at this point will complicate interpretation of trend data.

Appendices

Appendix A. Agenda for the in-person meeting

Agenda for In-person Meeting

Centers for Disease Control and Prevention (CDC), Office on Smoking and Health (OSH)

OSH/EPI External Peer Review of the National Youth Tobacco Survey (NYTS)

Date: October 17, 2016; Time: 8:30 AM – 4:00 PM EST

Location: CDC's Chamblee Campus, Building 107, 1st floor, Conference Room 1C (01210)

Meeting Roles

Facilitators/Presenters: Linda Neff and Ahmed Jamal

Moderator: Sherese Garrett Note-taker: Lisa Steele

Panel Members: J. Michael Bowling, Timothy Johnson, Patrick O'Malley, and William Ward

Time	Speaker	Item
8:30 – 8:45	Linda	Welcome/ Introductions
8:45 – 9:00	Linda	Meeting Purpose including Goals, Objectives, and Agenda
9:00 – 9:45	Linda/Ahmed	Highlights and Questions from the Pre-meeting Web Conference
	Kate Flint/ Ronaldo Lachan	Overview of:
9:45 – 10:05	Break	
10:05 – 11:30	Panelists and OSH Subject Matter Experts (SMEs)	Discussion - Question & Answer
11:30 – 1:00	Lunch	
1:00 – 2:30	Panelists and OSH SMEs	Discuss other methodological considerations
		(e.g. Deriving sub-national estimates)

2:30 – 2:50	Break	
2:50 – 3:45	Panelists	Discuss recommendations
3:45 – 4:00	Linda	Wrap-up

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Appendix B. Curriculum Vitae

J. Michael Bowling, Ph.D.

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EDUCATION

Ph.D.	1992	University of North Carolina at Chapel Hill , Chapel Hill, NC <i>Department</i> : Sociology Demography
M.A.	1982	University of North Carolina at Chapel Hill , Chapel Hill, NC <i>Department</i> : Sociology
B.A.	1976	University of North Carolina at Chapel Hill , Chapel Hill, NC <i>Department</i> : Sociology

PROFESSIONAL EXPERIENCE – ACADEMIC

-	Chair, CDC Global Adult Tobacco Survey, Survey Review Committee
2013 to present	Director , Biostatistics Core, Center for Regulatory Research on Tobacco Communication
2011 to present	Associate Director, UNC Injury Prevention Research Center, University of North Carolina at Chapel Hill
2011 to present	Assistant Director, Carolina Survey Research Laboratory, Department of Biostatistics School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC.
2006 to present	Adjunct Associate Professor , Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC.
2006 to present	Research Associate Professor , Department of Health Behavior, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC.
1996 to 2006	Adjunct Assistant Professor , Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill, NC.

1994 to 2006 **Research Assistant Professor**, Department of Health Behavior and Health Education, School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill NC.

1994-2001	Associate Director, Injury Prevention Research Center, University of North Carolina
	at Chapel Hill, Chapel Hill, NC.
1983-1984	Assistant Professor, Medical Sociology, Department of Sociology and Anthropology,
	The College of Charleston, Charleston, SC.

PROFESSIONAL EXPERIENCE - OTHER

2012 to present **Commissioned Officer**, Food and Drug Administration, U.S. Department of Health

and Human Services

1989-1994 Chief, Survey and Surveillance, NC Center for Health and Environmental Statistics,

Raleigh, NC

1984-1989 **Biostatistician**, Biostatistics Branch, NC State Center for Health Statistics, Raleigh, NC

ACADEMIC HONORS AND AWARDS

Member. Delta Omega, Public Health Honorary Society, UNC School of Public Health (1995 to present). McGavran Award for Excellence in Teaching; School of Public Health, University of North Carolina at Chapel Hill, 2003.

Award of Excellence, The North Carolina Governor's Task Force on Injury Prevention and Control, 1991.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Public Health Association (1985 to present). American Association for Public Opinion Research (2005 to present)

PUBLICATIONS

Books and Chapters

Runyan CW, **Bowling JM**. (2001). Data Collection Methods. In: Cummings P, Grossman DC, Koepsell T, Maier RV, Rivara FP. *Injury Control: A Guide to Research and Evaluation*. (Pages 75-88.) Port Chester, NY: Cambridge University Press.

Refereed Papers/Articles

Stein A, Suttie J, Baker L, Agans R, Xue W, **Bowling JM**. (2015) Predictors of smoke-free policies in affordable multiunit housing, North Carolina, 2013. *Preventing Chronic Disease*. Volume 12 – May 14.

- Agnew-Brune C, Morocco B, Person CJ, **Bowling JM**. (2015) Domestic Violence Protective Orders: A Qualitative Examination of Judges' Decision-Making Processes. Journal of Interpersonal Violence (Epub ahead of print).
- Henderson LM, Benefield T, **Bowling JM**, Durham DD, Marsh MW, Schroeder BF, Yankaskas BC. (2015) Do mammographic technologists affect radiologists' diagnostic mammography interpretative performance? *American Journal of Roentgenology*. 204 (4):903-908.
- Foshee VA, Dixon KS, Ennett ST, Moracco KE, **Bowling JM**, Chanq LY, Moss JL. (2015) The process of adapting a universal dating abuse prevention program to adolescents exposed to domestic violence. *Journal of Interpersonal Violence*. 30(12): 2151-2173.

Armstrong-Brown J, Eng E, Hammond WP, Zimmer C, **Bowling JM**. (2015) Redefining racial residential segregation and its association with physical activity among African Americans 50 years and older: a mixed methods approach. *Journal of Aging and Physical Activity*. 23(2): 237-246.

Cole TB, **Bowling JM**, Patetta MJ, Blazer DG. (2014) Risk factors for suicide among older adults with cancer. *Aging and Mental Health*, March 17 [Epub ahead of print].

Myers EM, Geller EJ, Connolly A, **Bowling JM**, Matthews CA. (2014). Robotic sacrocolpopexy performance and cumulative summation analysis. *Female Pelvic Medical Reconstructive Surgery*, Mar-Apr; 20(2) 83-86.

Lyons EJ, Tate DF, Ward DS, Ribisl KM, **Bowling JM**, Kalyanasaman S (2014) Engagement, Enjoyment, and Energy Expenditure During Active Video Game Play. *Health Psychology*. Feb;33(2): 174-181

King EJ, Maman S, **Bowling JM**, Moracco KE, Dudina V. (2013) The influence of stigma and discrimination on female sex workers' access to HIV **s**ervices in St. Petersburg, Russia. *AIDS Behavior*, Oct; 17(8): 2597-2603.

Ennett ST, Jackson C, **Bowling JM**, Dickinson DM. (2013) Parental socialization and children's susceptibility to alcohol use initiation. *Journal of Alcohol Studies*, Sep; 74(5): 694-702.

Moss JL, Gilkey MB, Griffith T, **Bowling JM**, Dayton AM, Grimshaw AH, Quinn B, Brewer NT (2013) Organizational correlates of adolescent immunization: findings of a state-wide study of primary care clinics in North Carolina. *Vaccine*, Sep 13; 31(40): 4436-41.

Yamanis TJ, Doherty IA, Weir SS, **Bowling JM**, Kajula LJ, Mbwambo JK, Maman S. (2013) From coitus to concurrency: sexual partnership characteristics and risk behaviors of 15-19 year old men recruited from urban venues in Tanzania. *AIDS Behavior*, Sep; 17(7): 2405-15.

Jackson C, Ennett ST, Dickinson DM, **Bowling JM**. (2012) Attributes that differentiate children who sip alcohol from abstinent peers. *Journal of Youth and Adolescence*, Nov; 42(11): 1687-95.

Foshee VA, McNaughton Reyes HL, Ennett ST, Cance JD, Bauman KE, **Bowling JM**. (2012) Assessing the Effects of Families for Safe Dates, a Family-based Teen Dating Abuse Prevention Program. *Journal of Adolescent Health*, 51(4):349-56.

Jackson C, Ennett ST, Dickinson DM, **Bowling JM.** (2012) Letting Children Sip: Understanding Why Parents Allow Alcohol Use by Elementary School-aged Children. *Archives of Pediatric and Adolescent Medicine*, 166(11): 1053-1057.

Jarman MP, **Bowling JM**, Dickens P, Luken K, Yankaskas BC. (2012) Factors Facilitating Acceptable Mammography Services for Women with Disabilities. *Women's Health Issues*, Sep; 22(5):e421-8.

DeFrank JT, Rimer BK, **Bowling JM**, Earp JA, Breslau ES, Brewer NT. (2012) Influence of False Positive Mammography Results on Subsequent Screening: Do Physician Recommendations Buffer Negative Effects? *Journal of Medical Screening*, 19(1): 35-41.

O'Neill SC, Lipkus IM, Gierisch JM, Rimer BK, **Bowling JM.** (2012) It's the Amount of Thought that Counts: When Ambivalence Contributes to Mammography Screening Delay. *Women's Health Issues*, 22(2): 189-194.

Yankaskas BC, May RC, Matuszewski J, **Bowling JM**, Jarman MP, Schroeder BF. (2011) Effect of Observing Change from Comparison Mammograms on Performance of Screening Mammography in a Large Community-Based Population. *Radiology*, 261(3): 762-770.

Lyons EJ, Tate DF, Ward DS, Ribisl KM, **Bowling JM**, Kalyanaraman S. (2011) Do Motion Controllers Make Action Video Games Less Sedentary? A Randomized Experiment. *Journal of Obesity*, vol 2012: 7 pages. Article ID 852147.

Lyons EJ, Tate DF, Ward DS, **Bowling JM**, Ribisl KM, Kalyanaraman S. (2011) Energy Expenditure and Enjoyment During Video Game Play: Differences by Game Type. *Medical Science and Sports Exercise*, 43(10): 1987-1993.

- Villaveces A, Garrison HG, Smith JL, King JP, **Bowling JM**, Rodgman EA (2011) Effect of a Postviolation Driver Improvement Class on Traffic Convictions and Crashes. *Traffic Injury Prevention*, 12 (5): 432-437.
- Browne FA, Werchsberg WM, **Bowling JM**, Luseno WK. (2012) Correlates of Male Condom Use Skills among High Risk Women in South Africa. *Journal of Sex Research*, 49 (2-3) 255-263.
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 - Wohl DA, Scheyett A, Golin CE, White B, Matuszewski J, **Bowling JM**, Smith P, Duffin F, Rosen D, Kaplan A, Earp JA. (2011) Intensive Case Management Before and After Prison Release is No More Effective Than Comprehensive Pre-Release Discharge Planning in Linking HIV-Infected Prisoners to Care: A Randomized Trial. *AIDS Behavior*, 15(2): 356-364.
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 - Linnan LA, Weiner BJ, **Bowling JM**, Bunger EM. (2010) Views about Second Hand Smoke and Smoke-Free Policies among North Carolina Restaurant Owners Before Passage of a Law to Prohibit Smoking. *North Carolina Medical Journal*, 71(4): 325-333.
 - Morocco KE, Andersen K, Buchanan RM, Espersen C, **Bowling JM**, Duffy C. (2010) Who are the Defendants in Domestic Violence Protection Order Cases? *Violence Against Women*, 16(11): 1201-1223.
 - Hanley SM, Ringwalt C, Ennett ST, Vincus AA, **Bowling JM**, Haws SW, Rohrbach LA. (2010) The Prevalence of Evidence-based Substance Use Prevention Curricula in the Nation's Elementary Schools. Journal of Drug Education, 40(1): 51-60.
 - Gierisch JM, DeFrank JT, **Bowling JM**, Rimer BK, Matuszewski JM, Farrell D, Skinner CS. (2010) Finding the Minimal Intervention Needed for Sustained Mammography Adherence. *American Journal of Preventive Medicine*, 39(4): 334-344.
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- Linnan LA, Steckler A, Maman S, Ellenson M, French EA, Blanchard L, **Bowling JM**, Yamanis N, Succop S, Davenport A, Moracco B. (2010) Engaging Key Stakeholders to Assess and Improve the Professional Preparation of MPH Health Educators. *American Journal of Public Health*, 100(10): 1993-1999.
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Dal Santo JA, **Bowling JM**. (2009) Characteristics of Teens With and Without Work Permits. *American Journal of Industrial Medicine*, 52(11): 841-849.

Turner-McGrievy GM, Campbell MK, Tate DF, Truesdale KP, **Bowling JM**, Crosby L. (2009) Pounds Off Digitally Study: A Randomized Podcasting Weight-Loss Intervention. *American Journal of Preventive Medicine*, 37(4): 263-269.

Gierisch JM, O'Neill SC, Rimer BK, DeFrank JT, **Bowling JM**, Skinner CS. (2009) Factors Associated with Annual-Interval Mammography for Women in their 40s. *Cancer Epidemiology*, 33(1): 72-78.

Hanley S, Ringwalt C, Vincus AA, Ennett ST, **Bowling JM**, Haws SW, Rohrbach LA. (2009) Implementing Evidence-based Substance Use Prevention Curricula with Fidelity: The Role of Teacher Training. *Journal of Drug Education*, 39(1):39-58.

DeFrank JT, Rimer BK, Gierisch JM, **Bowling JM**, Farrell D, Skinner CS. (2009) Impact of Mailed and Automated Telephone Reminders on Receipt of Repeat Mammograms: A Randomized Controlled Trial. *American Journal of Preventive Medicine*, 36(6): 459-467.

Knowles SB, Marshall SW, **Bowling M**, Loomis D, Millikan R, Yang J, Mueller FO. (2009) Risk Factors for Injury Among High School Football Players. *Epidemiology*, 20(2):302-310.

Runyan CW, Schulman M, Dal Santo J, **Bowling JM**, Agans R. (2009) Attitudes and Beliefs About Adolescent Work and Workplace Safety Among Parents of Working Adolescents. *Journal of Adolescent Health*, 44(4):349-355.

Ringwalt C, Vincus AA, Ennett ST, Hanley S, **Bowling JM**, Yacoubian GS Jr, Rohrbach LA. (2009) Responses to Positive Results from Suspicionless Random Drug Tests in US Public School Districts. *Journal of School Health*, 79(4):177-183.

Ringwalt C, Vincus AA, Hanley S, Ennett ST, **Bowling JM**, Rohrbach LA. (2009) The Prevalence of Evidence-Based Drug Use Prevention Curricula in U.S. Middle Schools in 2005. *Prevention Science*, 10(1):33-40.

Ringwalt C, Hanley S, Vincus AA, Ennett ST, Rohrbach LA, **Bowling JM**. (2008) The Prevalence of Effective Substance Use Prevention Curricula in the Nation's High Schools. *Journal of Primary Prevention*, 29(6):479-488.

O'Neill SC, **Bowling JM**, Brewer NT, Lipkus IM, Skinner CS, Strigo TS, Rimer BK. (2008) Intentions to Maintain Adherence to Mammography. *Journal of Women's Health*, 17(7):1133-41. Cruz TH, Marshall SW, **Bowling JM**, Villaveces A. (2008) The Validity of a Proxy Acculturation Scale Among U.S. Hispanics. *Hispanic Journal of Behavioral Sciences*, 30(4): 425446.

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Linnan L, **Bowling M.** Lindsay G, Bachtel J, Blakely C, Pronk S, Wiecker S, Royall P, (2008) Results of the 2004 National Worksite Health Promotion Survey. *American Journal of Public Health*, 98(8): 1503-1509.

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DeFrank JT, **Bowling JM**, Rimer BK, Gierisch BK, Skinner CS. (2007) Triangulating Differential Nonresponse by Race in a Telephone Survey. *Preventing Chronic Disease*. Vol. 4(3):A60.

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Runyan CW, Schulman M, Dal Santo J, **Bowling JM**, Agans R, Ta M. (2007). Work-Related Hazards and Workplace Safety of US Adolescents Employed in the Retail and Service Sectors. *Pediatrics*, 119: 526-534.

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 - Griffith JM, Sorenson JR, **Bowling JM**, Jennings-Grant TL. (2005). Assessment of an interactive computer-based patient prenatal genetic screening and testing education tool. *Health Education and Behavior*, 32(5): 613-626.
 - Yang JZ, Marshall SW, **Bowling JM**, Runyan CW, Mueller FO, Lewis MA. (2005). Use of Discretionary Protective Equipment and Rate of Lower Extremity Injury in High School Athletes. *American Journal of Epidemiology*, 161(6):511-519.
 - Runyan CW, **Bowling JM**, Schulman M, Gallagher SS. (2005). Potential For Violence Against Teenage Retail Workers in the U.S. *Journal of Adolescent Health*, 36(3).e1-5.
- Schulz MR, Marshall SW, Mueller FO, Yang J, Weaver NL, Kalsbeek WD, **Bowling JM**. (2004). Incidence and Risk Factors for Concussion in High School Athletes, North Carolina, 1996–1999. *American Journal of Epidemiology*, 160(10):937-944.
 - Schulz MR, Marshall SW, Yang J, Mueller FO, Weaver NL, **Bowling JM**. (2004). A Prospective Cohort Study of Injury Incidence and Risk Factors in North Carolina High School Competitive Cheerleaders. *The American Journal of Sports Medicine*, 32(2):396-405.
 - Travers DA, Waller AE, **Bowling JM**, Flowers D, Tintinalli J. (2002). Five-Level Triage System More Effective Than Three-Level in Tertiary Emergency Department. *Journal of Emergency Nursing*, 28(5):395-400.
 - Delp L, Runyan CW, Brown M, **Bowling JM**, Jahan, SA. (2002). Role of Work Permits in Teen Workers' Experiences. *American Journal of Industrial Medicine*, 41(6):477-482.
 - Barrios LC, Runyan CW, Downs SM, **Bowling JM**. (2001). Pediatric Injury Prevention Counseling: An Observational Study of Process and Content. *Patient Education & Counseling*, 44(2):141-149. Weaver N, Mueller F. Kalsbeek W, **Bowling JM**. (1999). The North Carolina High School Athletic Injury Study: Methodology and Implementation. *Medicine and Science in Sports and Exercise*, 31(1):176-182.
 - Sinauer N, **Bowling JM**, Moracco KE, Runyan CW, Butts JD. (1999). Comparisons Among Female Homicides Occurring in Rural, Intermediate, and Urban Counties in North Carolina, *Homicide Studies*, 3(2):107-128.
 - Cohen LR, Runyan CW, **Bowling JM**. (1998). Social Determinants of Pediatric Residents' Injury Prevention Counseling. *Archives of Pediatric and Adolescent Medicine*, 152:169-175.
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 - Davis KL, Roberts TC, Smith RR, Ormond F, Pfohl SY, **Bowling JM**. (1994). North Carolina Children and Youth Fitness Study, *The Journal of Physical Education, Recreation and Dance*, 65(8):65-72.
 - Buescher PA, Taylor KP, Davis MH, **Bowling JM**. (1993). The Quality of the New Birth Certificate Data: A Validation Study in North Carolina. *American Journal of Public Health*, 83(8):1163-1165. Eleming B. Hayashida C. **Bowling IM**. Juorgang IP. (1993). Medication Issues in Home Health.
 - Fleming B, Hayashida C, **Bowling JM**, Juergene JP. (1993). Medication Issues in Home Health Agencies: A Five State Survey. *The Journal of Geriatric Drug Therapy*, 7(3):21-32.
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Kalsbeek K, **Bowling JM**, Morris P. (1992). Choosing Criteria to Screen for Specific Medical Conditions from Nonspecific Sources: An Application to Injury Surveillance. *The American Journal of Epidemiology*, 135(5):552-563.

Runyan C, **Bowling JM**, Bangdiwala S. (1992). Emergency Department Record Keeping and the Potential for Injury Surveillance. *The Journal of Trauma*, 32(2):187-189.

Nemeth R, **Bowling JM**. (1985). Son Preference and Its Effects on Korean Lactational Practices. *Journal of Biosocial Science*, October, 17:451-459.

Refereed Presentations

Kalsbeek WD, **Bowling JM**, Palipudi KM. (2010) *The Global Adult Tobacco Survey (GATS): Sample Design and Related Methods*. Oral Presentation at the Joint Statistical Meeting (July 31-August 5, 2010); Vancouver, British Columbia, Canada.

Dal Santo J, **Bowling JM**. (2010) *Effect of Child Labor Violations on Reported Injuries Among Working Youth: Results of School Based Surveys*. Oral Presentation at the 138th APHA Annual Meeting & Exposition (November 6-10, 2010); Denver, CO.

Dal Santo J , **Bowling** JM, Harris T. (2010) *Effect of Child Labor Violations on Reported Injuries Among Working Youth: Results of School Based Surveys*. Oral Presentation at the 138th APHA Annual Meeting & Exposition (November 6-10, 2010); Denver, CO.

Morocco KE, Clark KA, Buchanan R, Espersen C, **Bowling JM**, Duffy C. (2009) Who are the Defendants in Domestic Violence Protection Order Cases? Oral Presentation at the 137th APHA Annual Meeting & Exposition (November 7-11, 2009); Philadelphia, PA.

Dal Santo J, **Bowling JM**. (2009) Injuries Among Working Youth: Results of School Based Surveys in North Carolina and South Carolina (2009) Oral Presentation at the 137th APHA Annual Meeting & Exposition (November 7-11, 2009); Philadelphia, PA.

Browne FA, Wechsberg WM, **Bowling JM**, Luseno W. (2008) *Predictors of Male Condom Use Skills among High-Risk Women in Pretoria*, *South Africa*. Poster presentation at the 136th APHA Annual Meeting & Exposition (October 25-29, 2008); San Diego, CA.

Morocco KE, Clark KA, **Bowling JM**, Espersen C, Bourget, (2008) *Does IPV Severity Predict Receiving a Domestic Violence Protective Order?* Poster presentation at 136th APHA Annual Meeting & Exposition (October 25-29, 2008); San Diego, CA. poster

Dal Santo JA, **Bowling JM**. (2008) *Socio-demographic Differences Between Employed and Unemployed Teens: Data From School-based Surveys in North Carolina and South Carolina*. (2008) Oral presentation at the 136th APHA Annual Meeting & Exposition (October 25-29, 2008); San Diego, CA.

Sullivan K, **Bowling JM**, Martin SL, Gibbs DA, Moracco KE, Devellis B. (2008) *Sex Differences in Spouse Abuse by Army Soldiers*. Poster presentation for the Women's Caucus of the 136th APHA Annual Meeting & Exposition (October 25-29, 2008); San Diego, CA.

Moracco KE, Clark KA, Espersen C, **Bowling JM**. (2007) *Preventing firearm violence among victims of intimate partner violence: An evaluation of a new North Carolina law*. Poster presentation to the 135th APHA Annual Meeting and Expo (November 3-7, 2007); Washington, DC.

Bowling JM, Crump CE, Cannon MM, Letourneau RJ. (2007) *Results and Recommendations From an American Indian/Alaska Native Observational Seatbelt Survey Protocol Development Project*. Poster presentation to the 135th APHA Annual Meeting and Expo (November 3-7, 2007); Washington, DC.

Hoeft K, **Bowling JM**, Diehl S. (2007) *Efficacy Evaluation of The Expecting the Best Health Literacy Curriculum: A Pilot Study*. Poster presentation to the 135th APHA Annual Meeting and Expo (November 3-7, 2007); Washington, DC.

Linnan L, **Bowling JM**, Lindsay G, Childress J, Blakey C, Pronk S, Wieker S, Royall P. (2007) Using Results from the 2004 National Worksite Health Promotion Survey to Identify Areas for Improving the Health of Employees at the Workplace. Oral presentation to the 135th APHA Annual Meeting and Expo (November 3-7, 2007); Washington, DC.

Dal Santo JA, **Bowling JM**, Schulman M. (2007) Role of Work Permits in Teen Work Experiences in North Carolina. Oral presentation to the 135th APHA Annual Meeting and Expo (November 3-7, 2007); Washington, DC.

- Rauscher KJ, Runyan CW, Schulman M, **Bowling JM**. (2007) Self-reported Child Labor Law Violations Among US Youth Working in the Retail and Service Industries. Oral presentation to the 135th APHA Annual Meeting and Expo (November 3-7, 2007); Washington, DC.
- Runyan CW, Schulman M, Dal Santo J, **Bowling JM**, (2006) *Parental Involvement in Teen Work Decisions*. Oral Presentation at the 134th Annual Meeting of the American Public Health Association; Boston, MA.
- Dal Santo J, Runyan CW, Schulman M, **Bowling JM**, (2006) *Characteristics and Work Experiences of Youth With and Without Work Permits in North Carolina*. Poster Session Presentation at the 134th Annual Meeting of the American Public Health Association; Boston, MA.
- Yang J**, Bowling JM**, Lewis MA, Marshall SW, Runyan C, Mueller FO. (2005). *Use of Discretionary Protective Equipment in High School Athletes: Prevalence and Determinants*. Oral Presentation at the 133rd Annual Meeting of the American Public Health Association; Philadelphia, PA.
- Johnson RM, Runyan CW, Coyne-Beasley TD, Lewis MA, **Bowling JM**. (2005). *Storage of Household Firearms: An Examination of Women's Attitudes and Beliefs*. Oral Presentation at the 133rd Annual Meeting of the American Public Health Association; Philadelphia, PA.
- Moracco KE, **Bowling JM**, McNaughton HL, Gingrich J, Anders A, Frits J. (2005). *Help-seeking Behavior Among Battered Women Applying for Protective Orders*. Oral Presentation at the 133rd annual meeting of the American Public Health Association; Philadelphia, PA.
- Letourneau RJ, Crump CE, **Bowling JM**, Allen CW, Kuklinski D. (2005). *Ride Safe: The Development and Implementation of an Evidence-Based Child Passenger Safety Program for American Indian/Alaska Native Tribal Head Start Center Children and Families*. Oral presentation at the 133rd annual meeting of the American Public Health Association; Philadelphia, PA.
- Golin CE, **Bowling JM**. (2005). When Do I Tell My Doctor What I Saw on the Internet? The Interaction Between Doctor Communication Style and Cancer Patients' Self-Efficacy to Communicate. Poster presented at the 28th annual meeting of the Society of General Internal Medicine; New Orleans, LA.
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Ringland A, Scandlin D, Kline D, **Bowling JM.** (1990). *Bicycle Helmet Promotion in North Carolina*. Poster presented at the annual meeting of the American Public Health Association; New York, NY.

Washington C, **Bowling JM.** (1990). *North Carolina Dietary Fat Survey: Design, Data, and Program Implications*. Oral presentation at the annual meeting of the American Public Health Association; New York, NY.

Scandlin D, Sullivan L, Ward T, **Bowling JM.** (1990). *An Empirical Methodology for the Integration of Birth Defects Registry data into the State PL* 99-457 *Data Base*. Oral presentation at the annual meeting of the American Public Health Association; New York, NY.

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Bowling JM. (2002). *Innovation in Injury Surveillance*, Panel Moderator at the American Public Health Association's Annual Meeting; Philadelphia, PA.

Bowling JM. (1997). *Survey Sampling as a Tool for Public Health Surveillance*. Invited Paper to the Annual Meeting of the National Association of Public Health Statistics and Information Systems; San Antonio, TX.

Bowling JM. (1996). *Methods to Assess Youth Exposure to Risks and Factors Contributing to Injury in the Workplace*, Panel presider at the American Public Health Association's Annual Meeting; New York, NY.

Bowling JM. (1995). *Developmental Disability in North Carolina*. Invited Paper to the Promoting Quality of Life and Preventing Secondary Conditions of Disability Conference, NC Office for Disability Prevention; Chapel Hill, NC.

Bowling JM. (1995). *The Use of CSAMPLE for the Calculation of Standard Errors for Complex Survey Designs*. Invited Workshop at the CDC Behavioral Risk Factor Surveillance Annual Conference; Atlanta, GA.

Bowling JM. (1995). *The use of Statistics in Community Diagnosis*. Training workshop for the 1995-96 Invited Workshop. NC Community Diagnosis. NC State Center for Health Statistics: Raleigh, NC. **Bowling JM.** (1992). *Issues in Data Linkage*. Presider of round table discussion at the annual CDC Developmental Disability Conference, Atlanta, GA.

Bowling JM. (1990). *Diabetes in North Carolina: Development of a Data based Intervention Strategy.* Invited oral presentation to the 1990 Centers for Disease Control Diabetes Translation Conference; San Antonio, TX.

Non-refereed Works

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Givens J, **Bowling JM**. (2001). An Evaluation of a Fire Intervention in Eastern North Carolina, Final Activity Report Prepared for Centers for Disease Control and Prevention.

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Bowling JM. (1985). Survey Management and Cost Analysis in a Telephone Survey Design. *Health Statistics Make a Difference...Proceedings of the 1985 Public Health Conference on Records and Statistics*, U.S. Department of Health and Human Services, Public Health Service, National Center for Health Statistics, 450-451.

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EDUCATION

Certificate in Business Administration, 1998, University of Illinois at Chicago and the Center for Enterprise Development.

Ph.D., Sociology, 1988, University of Kentucky, Lexington.

Dissertation: The Social Environment and Health. Advisor: Thomas R. Ford. M.A., Political Science, 1978, University of Wisconsin-Milwaukee.

B.A., Government and Mass Communications, 1977, Western Kentucky University, Bowling Green.

A.S., Mass Media, 1975, Genesse Community College, Batavia, New York.

PROFESSIONAL EXPERIENCE

Current Positions: Director, Survey Research Laboratory, College of Urban Planning and Public Affairs, University of Illinois at Chicago, May 1998 to present.

Professor, Public Administration, College of Urban Planning and Public Affairs, University of Illinois at Chicago, August 2003 to present.

Research Professor, Epidemiology & Biostatistics, School of Public Health, University of Illinois at Chicago, August 2003 to present.

Vice Chair, University of Illinois at Chicago Institutional Review Board #2 (Social & Behavioral), September 1999 to present.

Deputy Director for Evaluation and Tracking, Center for Clinical Translational Science, University of Illinois at Chicago, March 2007 to present.

Previous Positions:

Associate Professor, Public Administration, College or Urban Planning and Public Affairs, University of Illinois at Chicago, September 1996 to August 2003.

Assistant/Associate Research Professor, Epidemiology & Biostatistics, School of Public Health, University of Illinois at Chicago, April 1991 to August 2003.

Visiting Professor, Zentrum fur Umfragen, Methoden und Analysen (ZUMA; Centre for Survey Research and Methodology), Mannheim, Germany, July 1999, October 2000, November 2001, August 2004.

Interim Director, Survey Research Laboratory, College of Urban Planning and Public Affairs, University of Illinois at Chicago, May 1996–May 1998.

Associate Director, Survey Research Laboratory, University of Illinois at Chicago, October 1993–May 1996.

Assistant Director, Survey Research Laboratory, University of Illinois at Chicago, October 1991–October 1993.

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Project Coordinator, Survey Research Laboratory, University of Illinois at Chicago, June 1989–October 1991.

Staff Associate for Psychometrics and Research, American Board of Family Practice, Lexington, KY, July 1988–May 1989.

Research Coordinator, Survey Research Center, University of Kentucky, Lexington, September 1982–July 1988.

Research Analyst, Rural Primary Care Research, Department of Medicine, University of Kentucky, February 1980–September 1982.

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science American Association for Public Opinion Research American College of Epidemiology American Public Health Association American Statistical Association Midwest Association for Public Opinion Research World Association for Public Opinion Research

HONORS/AWARDS

Eagle Scout, Boy Scout Troop 9, Batavia, New York, November 1971.

O'Donnell Award for Outstanding Achievement as a Graduate Student, Department of Sociology, University of Kentucky, April 1987.

Thomas R. Ford Distinguished Alumnus, Department of Sociology, University of Kentucky, April 2007. AAPOR 2013 Book Award, for Survey methods in multinational, multiregional and multicultural contexts

(J. Harkness, M. Braun, B. Edwards, T. Johnson, L. Lyberg, P. Mohler, B.-E. Pennell,

& T. Smith; New York: Wiley, 2010), American Association for Public Opinion Research, May 2013.

Fellow, Institute for Health Research and Policy, University of Illinois at Chicago, January 2011.

Fellow, Midwest Association for Public Opinion Research, November 2014.

Fellow, American Statistical Association, August 2015.

Recognition for Outstanding Service and Dedication to the AAPOR Transparency Initiative, American Association for Public Opinion Research, May 2015.

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Conduct of the interview component of the Kentucky Oral Health Survey (T. P. Johnson, J. G. Hougland, R. J. Kryscio, S. T. Slatin, A. B. Baker, & B. Botts). Technical Report No. 6. Lexington: Survey Research Center, University of Kentucky, 1988.

Continuing education survey of certified registered nurse anesthetists: A report submitted to the Council on Recertification of Nurse Anesthetists. University of Illinois at Chicago, Survey Research Laboratory, 1990.

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CCOP performance: Accrual, practice patterns and community physician responsiveness (L. M. Lacey, T. P. Johnson, & R. B. Warnecke). In Volume I, Chapter 4, A.D. Kaluzny, R. B.

Warnecke, & D. Gillings (Eds.), *Assessment of the implementation and impact of the Community Clinical Oncology Program—Phase II* (pp. 1–94). Chapel Hill: Sheps Center for Health Services Research, University of North Carolina, 1992.

Relationship of patient characteristics, physician characteristics, and CCOP organizational context to physician practice patterns: A series of analytic models (T. P. Johnson & R. B. Warnecke). In Volume II, Chapter 2, A. D. Kaluzny, R. B. Warnecke, & D. Gillings (Eds.),

Assessment of the implementation and impact of the Community Clinical Oncology Program—*Phase II* (pp. 1–57). Chapel Hill: Sheps Center for Health Services Research, University of North Carolina, 1992.

UIC staff perceptions of the Employee Development Program (EDP): Final report (T. P. Johnson, E. Severns, & G. Balch). University of Illinois at Chicago, Survey Research Laboratory, 1995.

Research and development needs in Illinois (L. A. Hamilton & T. P. Johnson). University of Illinois at Chicago, Survey Research Laboratory, 1997.

A review of the survey nonresponse literature, ASHA survey procedures, and proposed ASHA survey research guidelines and code of ethics (K. Lind & T. P. Johnson). University of Illinois at Chicago, Survey Research Laboratory, 1997.

Results of the 1998 Illinois Poll regarding higher education and the University of Illinois (T. P. Johnson & J. A. Parsons). University of Illinois at Chicago, Survey Research Laboratory, 1998. *Final evaluation of Proyecto Intercambio* (T. P. Johnson & L. Garcia). University of Illinois at Chicago, Survey Research Laboratory, 1998.

Higher education in Illinois: A survey of residents and opinion leaders in the state (J. Parsons, A. DeGrush, & T. P. Johnson). University of Illinois at Chicago, Survey Research Laboratory, 1998. *Metropolitan Chicago regional rental market analysis: Survey methodological report* (T. P. Johnson, M. A. Sagun, J. Dombrow, J. M. Lee, & Y. I. Cho). University of Illinois at Chicago, Survey Research Laboratory, 1999.

The role of primary care physicians in detecting and treating substance abuse: A survey of physicians and patients (H. Hart & T. P. Johnson). University of Illinois at Chicago, Survey Research Laboratory, 1999.

Alcohol, tobacco, and other drug use by Medicaid recipients in Illinois: Prevalence and treatment need, 1999 (Y. I. Cho, T. Johnson, I. C. Farrar, & L. Pickup). Chicago: Illinois Office of Alcoholism and Substance Abuse, April 2000.

- *Illinois household survey on alcohol, tobacco, and other drug use, 1998* (Y. I. Cho, T. Johnson, & L. Pickup). Chicago: Illinois Office of Alcoholism and Substance Abuse, April 2000.
- *Examining substance abuse data collection methodologies* (C. D. Cowan, M. Fendrich, T. P. Johnson, F. J. Fowler, L. D. Harrison, & S. Sudman). Rockville, MD: Westat, 2000.
- Alcohol, Tobacco, and Other Drug Use among Illinois Office of Mental Health Clients: Prevalence and Treatment Need, 2000 (Y. I. Cho, T. P. Johnson, H. Hart, L. Kelly-Wilson, & L. Pickup). Chicago, IL: Illinois Office of Alcoholism and Substance Abuse, September 2000.
- Alcohol, tobacco, and other drug use among adult probationers in Illinois: Prevalence and treatment need, 2000 (A. Lurigio, J. A. Swartz, Y. I. Cho, T. Johnson, I. Graf, & L. Pickup). Chicago: Illinois Office of Alcoholism and Substance Abuse, September 2000.
- Alcohol, tobacco, and other drug use among youth entering juvenile correctional facilities in Illinois:

- Prevalence and treatment need, 2000 (Y. I. Cho, T. P. Johnson, I. Graf, & L. Pickup).
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- Responses from experts to issues identified by the Resource Centers for Minority Aging Research (RCMAR) measurement core (R. J. Angel, D. Cella, L. Chatters, R. D. Hays, T. P. Johnson, N. Krause, J. Liang, C. McHorney, W. Meredith, L. Morales, R. Pasick, & L. H. Rogler). San Francisco: Center for Aging in Diverse Communities, 2001.
 - *Substance use in Illinois: Prevalence and treatment need*, 1990-2000 (Y. I. Cho, T. P. Johnson, L. Kelly-Wilson, & L. Pickup). Chicago: Illinois Office of Alcoholism and Substance Abuse, July 2001.
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 - *Cultural variability in patient processing of survey measures* (T. Johnson, S. Shavitt, C. Torelli, A. Holbrook, N. Chávez, S. Weiner, K. Marzano, & K. Retzer). University of Illinois at Chicago, Survey Research Laboratory, November 2010.
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Self-reported health of homeless youth (J. R. Aschkenasy & T. P. Johnson). Paper presented at the annual meeting of the Ambulatory Pediatric Association, Washington, DC, May 1996. *The impact of interviewer characteristics on cocaine use underreporting by male juvenile arrestees: A comparison of alternative models using validated reports (M. Fendrich, T. P.*

Johnson, & J. Wislar). Paper presented at the annual meeting of the American Association for Public Opinion Research, Salt Lake City, May 1996.

Assessing question comprehension across cultures: Evidence from the United States (T. P. Johnson, D. O'Rourke, S. Sudman, R. Warnecke, & N. Chávez). Paper presented at the Fourth International Conference on Social Science Methodology, University of Essex, England, July 1996.

Methods of establishing equivalence in cross-national and cross-cultural survey research. Paper presented at the Second ZUMA Comparative Methodology Research Symposium, Zentrum fur Umfragen, Methoden und Analysen, Mannheim, Germany, October 1996.

Cross-cultural equivalence research in the United States. Paper presented at the Second ZUMA Comparative Methodology Research Symposium, Zentrum fur Umfragen, Methoden und Analysen, Mannheim, Germany, October 1996.

Cognitive interviews on drug use in a treatment sample: Results of pilot interviews (M. Fendrich, T. P. Johnson, & S. Sudman). Paper presented at the annual meeting of the American Society of Criminology, Chicago, November 1996.

An investigation of survey question comprehension across cultures (T. P. Johnson, D. O'Rourke, S. Sudman, R. Warnecke, & N. Chávez). Paper presented at the annual meeting of the Midwest Association for Public Opinion Research, Chicago, November 1996.

Cognitive testing of cognitive functioning questions (D. O'Rourke, S. Sudman, T. P. Johnson, & J. Burris). Paper presented at the Conference on Cognition, Aging, and Survey Measurement, Ann Arbor, MI, February 1997.

Barriers to the access of medical care for homeless children and youth in shelters (J. R. Aschkenasy, B. Volin, M. M. Camburn, & T. P. Johnson). Paper presented at the annual meeting of the Ambulatory Pediatric Association, Washington, DC, May 1997.

An assessment of interviewer effects models in an RDD telephone survey of substance use (T. P. Johnson, M. Fendrich, & C. Shaligram). Paper presented at the annual meeting of the American Association for Public Opinion Research, Norfolk, VA, May 1997.

Accuracy of the most recent birthday method for random selection of household respondents (K. Lind, T. Johnson, & V. Gwiasda). Paper presented at the annual meeting of the American Association for Public Opinion Research, Norfolk, VA, May 1997.

Substance use/misuse among displaced persons. Paper presented at the Middle Eastern Summer Institute on Drug Use, Jerusalem, Israel, and at the Mediterranean Institute, San Giovanno Valdarno, Italy, June 1997.

Health and mental health impact of partner abuse among low-income urban women (C. Warshaw, T. P. Johnson, T. C. Hu, T. Conway, & K. Riordan). Paper presented at the Fifth International Family Violence Research Conference, Durham, NH, June 1997.

Improving drug use reports during survey interviews (T. P. Johnson, M. Fendrich, & S. Sudman). Paper presented at the 125th Annual Meeting of the American Public Health Association, Indianapolis, November 1997.

Consent to hair testing in epidemiological research: Implications for cocaine prevalence estimates (M. Fendrich, T. P. Johnson, M. Archer, J. Wislar, S. Sudman, & E. Severns). Paper presented at the 125th Annual Meeting of the American Public Health Association, Indianapolis, November 1997.

Assessment of cultural differences in item interpretation using cognitive methodology (M. Khare, N. Chávez, & T. P. Johnson). Paper presented at the 125th Annual Meeting of the American Public Health Association, Indianapolis, November 1997.

Barriers to the access of medical care for homeless children and youth in shelters (J. R. Aschkenasy, B. Volin, M. M. Camburn, & T. P. Johnson). Paper presented at the 125th Annual Meeting of the American Public Health Association, Indianapolis, November 1997. *Innovative strategies for drug use surveys: Implementation and impact* (M. Fendrich, T. P. Johnson, & S. Sudman). Paper presented at the annual meeting of the American Society of Criminology, San Diego, November 1997.

The effects of a self-help intervention on measures of stage of readiness to change and self-efficacy (O. F. Morera, T. P. Johnson, L. Turner, S. Freels, J. Parsons, R. B. Warnecke, K. S. Crittenden, & B. Flay). Paper presented at the annual meeting of the Society for Behavioral Medicine, New Orleans, April 1998.

Understanding the components of a self-help smoking intervention (O. F. Morera, T. P. Johnson, L. Turner, S. Freels, J. Parsons, R. B. Warnecke, K. S. Crittenden, & B. Flay). Paper presented at the annual meeting of the Society for Behavioral Medicine, New Orleans, April 1998.

Psychometric considerations of the measure of stage of readiness to change (O. F. Morera, T. P. Johnson, S. Freels, J. Parsons, R. B. Warnecke, K. S. Crittenden & B. Flay). Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, May 1998.

An experiment to improve drug use reports during survey interviews (T. P. Johnson, M. Fendrich, S. Sudman, M. Archer, J. Wislar, & E. Severns). Paper presented at the 53rd Annual Meeting of the American Association for Public Opinion Research, St. Louis, May 1998.

Effects of question context and response order on attitude questions (T. P. Johnson, D. O'Rourke, & E. Severns). Paper presented at the 53rd Annual Meeting of the American Association for Public Opinion Research, St. Louis, May 1998.

Improving estimates of drug use by use of validation methods (M. Fendrich, T. P. Johnson, S. Sudman, & J. S. Wislar). Paper presented at the 53rd Annual Meeting of the American Association for Public Opinion Research, St. Louis, May 1998.

Managing an A-CASI study for the first time (E. Severns, T. Johnson, M. Fendrich, & S. Sudman). Paper presented at the 53rd Annual Meeting of the American Association for Public Opinion Research, St. Louis, May 1998.

Telephone nonresponse—A factorial experiment of techniques to improve telephone response rates (K. Lind, T. P. Johnson, V. Parker, & S. Gillespie). Paper presented at the 53rd Annual Meeting of the American Association for Public Opinion Research, St. Louis, May 1998. *Sexual harassment and generalized workplace abuse among university employees: Prevalence, sources, and mental health correlates* (J. A. Richman, K. M. Rospenda, S. J. Nawyn, J. A. Flaherty, M. Fendrich, M. L. Drum, & T. P. Johnson). Paper presented at the 93rd Annual Meeting of the American Sociological Association, San Francisco, August 1998.

Surveying Medicaid recipients: A mixed-mode approach (I. C. Farrar, S. Gillespie, T. P. Johnson, E. Severns, & D. White). Paper presented at the 38th Annual Meeting of the National Association for Welfare Research and Statistics, Chicago, August 1998.

The prevalence and correlates of homelessness among Illinois adults (T. P. Johnson & J. Parsons). Paper presented at the 126th Annual Meeting of the American Public Health Association, Washington, DC, November 1998.

Seasonal effects on self-reported alcohol consumption. Paper presented at the annual meeting of the 126th Annual Meeting of the American Public Health Association, Washington, DC, November 1998.

Prediction of breastfeeding behavior in the African-American population using the Breastfeeding Attrition Prediction Tool (BAPT) (M. M. Khare, N. Chávez, & T. P. Johnson). Paper presented at the 126th Annual Meeting of the American Public Health Association, Washington, DC, November 1998.

KIDS-SHIP (Kids-Shelter Health Improvement Project): Establishing pediatric residents' continuity of care clinic as a permanent medical home for homeless children/youth living in shelters (B. Volin, J. R. Aschkenasy, M. M. Camburn, & T. P. Johnson). Paper presented at the 126th Annual Meeting of the American Public Health Association, Washington, DC, November 1998.

Access to health care for homeless children and youth in shelters (J. R. Aschkenasy, B. Volin, M. M. Camburn, & T. P. Johnson). Paper presented at the 126th Annual Meeting of the American Public Health Association, Washington, DC, November 1998.

Empirical evidence of an association between individualism/collectivism and the trait social desirability. Paper presented at the Third ZUMA Symposium on Cross-Cultural Survey Methodology, Leinsweiler, Germany, December 1998.

Reducing item nonresponse to self-reported income (A. DeGrush, J. Parsons, & T. P. Johnson). Paper presented at the 54th Annual Meeting of the American Association for Public Opinion Research, St. Petersburg, FL, May 1999.

Using a dual-frame design to increase response rates: Results of two experiments (J. A. Parsons, A. DeGrush, L. Owens, & T. P. Johnson). Paper presented at the 54th Annual Meeting of the American Association for Public Opinion Research, St. Petersburg, FL, May 1999.

The structure and correlates of a debriefing instrument in a drug use survey (J. Wislar, M. Fendrich, T. Johnson, & S. Sudman). Paper presented at the 54th Annual Meeting of the American Association for Public Opinion Research, St. Petersburg, FL, May 1999.

Culture and item nonresponse (L. Owens, T. P. Johnson, & D. O'Rourke). Paper presented at the Seventh Conference on Health Survey Research Methods, Williamsburg, VA, September 1999. *Theoretical explanations for nonresponse in telephone surveys: Findings from a survey of nonrespondents* (J. A. Parsons, T. P. Johnson, & A. DeGrush). Paper presented at the International Conference on Survey Nonresponse, Portland, OR, October 1999.

Culture and survey nonresponse (T. P. Johnson, D. O'Rourke, J. Burris, & L. Owens). Paper presented at the International Conference on Survey Nonresponse, Portland, OR, October 1999. *Food texture acceptability and complete denture satisfaction* (A. Obrez, T. P. Johnson, & J. H. Bryniasrski). Paper presented at the annual meeting of the American Association for Dental Research, Washington, DC, April 2000.

Compression rate of the food's texture profile analysis and predictability of food avoidance in denture wearers. Paper presented at the annual meeting of the American Association for Dental Research, Washington, DC, April 2000.

Effects of Federal OPRR sanctions (T. P. Johnson, J. A. Parsons, & M. Harris). Paper presented at the 55th Annual Meeting of the American Association for Public Opinion Research, Portland, OR, May 2000.

Including disabled persons in social surveys: Issues, challenges, and recommendations (J. A. Parsons, T. P. Johnson, & S. Baum). Paper presented at the 55th Annual Meeting of the American Association for Public Opinion Research, Portland, OR, May 2000.

Respondent cultural orientation and survey participation: The effects of individualism and collectivism (T. P. Johnson, J. Harkness, P. Mohler, & F. von de Vijver). Paper presented at the 55th Annul Meeting of the American Association for Public Opinion Research, Portland, OR, May 2000.

The effects of immigration on self-rated health: An assessment of competing theories (Y. I. Cho & T. P. Johnson). Paper presented at the annual meeting of the American Sociological Association, Washington, DC, August 2000.

Pathways to the street: Modeling transitions from at-risk situations to literal homelessness (J. B. VanGeest, T. P. Johnson, & R. B. Warnecke). Paper presented at the annual meeting of the American Sociological Association, Washington, DC, August 2000.

Respondent cultural orientations and survey participation: The effects of individualism and collectivism (T. P. Johnson, J. Harkness, P. Mohler, F. von de Vijver, & Y. Z. Ozcan). Paper

presented at the Fifth International Conference on Logic and Methodology, Cologne, Germany, October 2000.

The effects of cultural orientations on survey responses: The case of individualism and collectivism (T. P. Johnson, F. van de Vijver, P. Mohler, & Y. Z. Ozcan). Paper presented at the Fifth International Conference on Social Science Methodology, Cologne, Germany, October 2000. Substance abuse and homelessness: Direct or indirect effects? (J. B. VanGeest & T. P. Johnson). Paper presented at the annual meeting of the American Public Health Association, Boston, November 2000.

Survey research in urban settings: An overview of methodological issues (I. Farrar, T. Johnson, & S. Baum). Paper presented at the Eighth Annual Great Cities Winter Forum, Chicago, December 2000.

Using survey research methods to develop a regional needs assessment for homeless persons (I. Graf & T. Johnson). Paper presented at the Eighth Annual Great Cities Winter Forum, Chicago, December 2000.

Analyzing longitudinal transitions in stage of change following a smoking cessation intervention (O. F. Morera, L. Turner, T. P. Johnson, R. Mermelstein, K. Crittenden, S. Freels, B. Flay, & R. B. Warnecke). Paper presented at the annual meeting of the Society for Behavioral Medicine, Seattle, March 2001.

Assessing question comprehension across cultural subgroups (T. P. Johnson, D. O'Rourke, & S. Sudman). Paper presented at the Seymour Sudman Symposium, Robert Allerton Park and Conference Center, Monticello, IL, May 2001.

Survey research in urban settings: An overview of methodological issues (I. Farrar, T. P. Johnson, & S. Baum). Paper presented at the 56th Annual Meeting of the American Association for Public Opinion Research, Montreal, May 2001.

Methodological issues in surveying the homeless (I. Graf & T. P. Johnson). Paper presented at the 56th Annual Meeting of the American Association for Public Opinion Research, Montreal, May 2001.

Additional contributions to survey research and the profession. Paper presented at the Special Session in Honor of the Contributions of Seymour Sudman to Survey Research at the 56th Annual Meeting of the American Association for Public Opinion Research, Montreal, May 2001. *An experiment in Web survey design* (J. Burris, J. Chen, I. Graf, T. P. Johnson, & L. Owens). Paper presented at the 56th Annual Meeting of the American Association for Public Opinion Research, Montreal, May 2001.

Cross-cultural survey measurement of substance use. Paper presented at the Middle EasternMediterranean Summer Institute on Drug Abuse, Pavia, Italy, May 2001.

Selecting an appropriate comparison group in studies of lesbians' mental health (T. L. Hughes, S. C. Wilsniack, & T. P. Johnson). Paper presented at the National Lesbian Health Conference 2001: Challenges of the New Millennium, San Francisco, June 2001.

Horizontal and vertical orientations in cross-cultural consumer persuasion (S. Shavitt, J. Zhang, & T. P. Johnson). Paper presented at the Annual Meeting of the Association for Consumer Research, Austin, TX, October 2001.

Cross-cultural perceptions about smoking-related symptomatology (F. Kviz, M. A. Wildergodt, T. P. Johnson, M. A. Clark, N. Chávez, N. R. Peacock, Y. I. Cho, J. Chattin, E. A. Lichter, S. Freels, & M. Glasser). Paper presented at the 129th Annual Meeting of the American Public Health Association, Atlanta, October 2001.

Sexual identity and smoking: Are lesbians at greater risk? (T. L. Hughes, K. Jacobson, T. P. Johnson, & A. Mathews). Paper presented at the 129th Annual Meeting of the American Public Health Association, Atlanta, October 2001.

Methodologies for improving response rates in mail surveys of physicians: A review (J. B. VanGeest & T. P. Johnson). Paper presented at the 129th Annual Meeting of the American Public Health Association, Atlanta, October 2001.

Correlates of substance abuse treatment needs among youth entering correctional facilities in Illinois (T. P. Johnson, Y. I. Cho, I. Graf, M. Fendrich, & L. Pickup). Paper presented at the Annual Meeting of the State Treatment Needs Assessment Program, Center for Substance Abuse Treatment, Arlington, VA, March 2002.

Same language, no problem? Data collection with cultural and ethnic minorities. Session Chair, Fourth ZUMA Cross-Cultural Survey Methods Symposium, Collecting Data with Translated Questionnaires, with Interpreters, and from Cultural and Ethnic Minorities, Leinsweiller, Germany, March 2002.

Sexual orientation and smoking: Are lesbians at greater risk? (T. L. Hughes, T. P. Johnson, & K. Jacobson). Paper presented at annual meeting of the Midwest Nursing Research Society, Chicago, March 2002.

The impact of restricted access buildings on face-to-face response rates (L. K. Owens, T. P. Johnson, K. F. Retzer, & M. Fendrich). Paper presented at the 57th Annual Meeting of the American Association for Public Opinion Research, St. Pete Beach, FL, May 2002. *Neighborhood effects on drug reporting* (J. Richardson, M. Fendrich, & T. P. Johnson). Paper presented at the 57th Annual Meeting of the American Association for Public Opinion Research, St. Pete Beach, FL, May 2002.

A validation of the Marlowe-Crowne Scale (T. P. Johnson, M. Fendrich, & A. Hubbell). Paper presented at the 57th Annual Meeting of the American Association for Public Opinion Research, St. Pete Beach, FL, May 2002.

Drug test participation and feasibility in a general population household survey (M. Fendrich, T. P. Johnson, A. Hubbell, & C. Orland). Paper presented at the 57th Annual Meeting of the American Association for Public Opinion Research, St. Pete Beach, FL, May 2002.

A contextual profile of club drug use among young adults in Chicago (M. Fendrich, J. S. Wislar, & T.P. Johnson). Paper presented at the 130th Annual Meeting of the American Public Health Association, Philadelphia, November 2002.

Homelessness and drug use: Evidence from a community sample (T. P. Johnson & M. Fendrich). Paper presented at the 130th Annual Meeting of the American Public Health Association, Philadelphia, November 2002.

Cross-cultural perceptions about smoking-related symptomatology (F. J. Kviz, M. A. Willgerodt, T. P. Johnson, M. A. Clark, Y. I. Cho, N. Chávez, N. R. Peacock, M. Glasser, & S. Freels). Paper presented at the 130th Annual Meeting of the American Public Health Association, Philadelphia, November 2002.

The utility of drug testing in epidemiological research: Results from an ACASI general population survey (M. Fendrich, T. P. Johnson, & A. Hubbell). Paper presented at the annual meeting of the American Society of Criminology, Chicago, November 2002.

Predictors of psychological distress and alcohol abuse among adult lesbians (T. L. Hughes & T. P. Johnson). Paper presented at the conference on the Impact of Global Issues on Women and Children, Bangkok, Thailand, February 2003.

Report from Chicago: Cross-cultural research at the Survey Research Laboratory. Paper presented at the International Workshop on Comparative Survey Design and Implementation, Brussels, Belgium, March 2003.

Cultural orientations and response styles: Evidence from 19 countries. (T. P. Johnson, P. Kulesa, & Y. I. Cho). Paper presented at the annual meeting of the Society for Industrial and Organizational Psychology, Orlando, FL, April 2003.

Improving the validity of self-reports of cancer screening behaviors (T. P. Johnson, D. O'Rourke, J. E. Burris, & R. B. Warnecke). Paper presented at the 58th Annual Meeting of the American Association for Public Opinion Research, Nashville, May 2003.

Survey response rate reporting in the professional literature (T. P. Johnson & L. Owens). Paper presented at the 58th Annual Meeting of the American Association for Public Opinion Research, Nashville, May 2003.

Validating self-reports of socially desirable behaviors (J. E. Burris, T. P. Johnson, & D. O'Rourke). Paper presented at the 58th Annual Meeting of the American Association for Public Opinion Research, Nashville, May 2003.

Modeling the cognitive processing of drug use questions (T. P. Johnson & M. Fendrich). Paper presented at the 58th Annual Meeting of the American Association for Public Opinion Research, Nashville, May 2003.

Risk factors for drinking-related problems and psychological distress among adult lesbians (T. L. Hughes & T. P. Johnson). Paper presented at the annual scientific meeting of the Research Society on Alcoholism, Ft. Lauderdale, FL, June 2003.

Implications of survey nonresponse for epidemiologic research. Paper presented at the annual meeting of the American College of Epidemiology, Chicago, September 2003.

Substance abuse treatment needs in Illinois: 2003. (T. P. Johnson & Y. I. Cho). Paper presented at the annual meeting of the Illinois Alcoholism and Drug Dependence Association, Oak Brook, IL, September 2003.

Culture and measurement in substance abuse research. Paper presented at the Middle Eastern and Mediterranean Summer Institute on Drug Use, Florence, Italy, February 2004.

Validation of socially desirable health behaviors and implications for case-control and other health surveys: Does saliency matter? (D. O'Rourke, T. P. Johnson, J. Burris, & R. Warnecke). Paper presented at the 59th Annual Meeting of the American Association for Public Opinion Research, Phoenix May 2004.

Understanding nonresponse mechanisms in telephone surveys (T. P. Johnson & Y. I. Cho). Paper presented at the 59th Annual Meeting of the American Association for Public Opinion Research, Phoenix, May 2004.

Race/ethnic differences in the validity of drug use reporting (M. Fendrich & T. P. Johnson). Paper presented at the Conference on Advancing Research to Reduce Drug Abuse and HIV/AIDS Health Disparities: Methodological Considerations. Washington, DC, June 2004.

Question design features and cultural variability in comprehension (T. P. Johnson, Y. I. Cho, A. Holbrook, D. O'Rourke, R. Warnecke, & N. Chávez). Paper presented at the Sixth International Conference on Logic and Methodology (RC-33), International Sociological Association, Amsterdam, August 2004.

2003 Illinois Household Treatment Needs Survey: Methodology, findings, and applications (Y. I. Cho, T. P. Johnson, & L. Pickup). Paper presented at the annual meeting of the Illinois Alcoholism and Drug Dependence Association, Oak Brook, IL, September 2004.

The relation between culture and socially desirable responding? (A. K. Lalwani, S. Shavitt, T. P. Johnson, & J. Zhang). Paper presented at the Sheth Foundation/Sudman Symposium on Cross-Cultural Survey Research. Urbana, IL, October 2004.

Cultural values and survey response styles in the European Social Survey (T. P. Johnson, P. Ph. Mohler, J. Harkness, & F. Van de Vijver). Paper presented at the Third International Workshop on Comparative Survey Design and Implementation. Madrid, Spain, March 2005.

Health care utilization following negative experiences in primary health care settings (J. W. Lee, A. K. Matthews, C. Manfredi, T. P. Johnson, & E.A. Jacobs). Paper presented at the 19th National Chronic Disease Prevention and Control Conference. Atlanta, March 2005.

Substantive and methodological findings from the Illinois Household Treatment Needs Survey (T. P. Johnson, Y. I. Cho, & L. Pickup). Paper presented at the Annual Meeting of the State Treatment Needs Assessment Program (STNAP), Center for Substance Abuse Treatment, Gaithersburg, MD, March 2005.

Illinois administrative treatment data analysis (Y. I. Cho, T. P. Johnson, & L. Pickup). Paper presented at the Annual Meeting of the State Treatment Needs Assessment Program (STNAP), Center for Substance Abuse Treatment, Gaithersburg, MD, March 2005.

Unit nonresponse and error in a national public opinion survey: A census matching approach (A. L. Holbrook, Y. I. Cho, & T. P. Johnson). Paper presented at the 60th Annual Meeting of the American Association for Public Opinion Research, Miami, May 2005.

Cultural beliefs contributing to late-stage diagnosis of breast cancer in African-American, Latina, and Caucasian women (C. E. Ferrans, A. Giachello, T. Johnson, V. Martinez, J. Parsons, D. Ramirez, C. Ramos, M. Willis, & R. Warnecke). Poster presentation at the Center for Population Health and Health Disparities 2nd Annual Grantees Meeting, Chicago, May 2005.

Accuracy of self-reported cancer screening histories: A meta-analysis (G. H. Rauscher, Y. I. Cho, J. Walk, & T. P. Johnson). Paper presented at the annual meeting of the Society for Epidemiologic Research, Toronto, Ontario, June 2005.

Nonresponse error in injury control and risk surveys (T. P. Johnson, A. L. Holbrook, Y. I. Cho, & R. Bossarte). Paper presented at the CDC Conference on Best Practices for RDD Survey Research on Injury, Atlanta, June 2005.

The impact of question and respondent characteristics on comprehension and mapping difficulties (A. Holbrook, Y. I. Cho, & T. P. Johnson). Paper presented at the first European Association for Survey Research Conference, Barcelona, Spain, July 2005.

Cultural beliefs contributing to late-stage diagnosis of breast cancer in African-American, Latina, and Caucasian women (C. E. Ferrans, B. Akpan, M. Davis, A. L. Giachello, T. P. Johnson, V. Martinez, J. Parsons, D. Ramirez, C. R. Ramos-Hernandez, R. Warnecke, & M. Willis). Paper presented at 133rd Annual Meeting of American Public Health Association, Philadelphia, December 2005.

Unaccompanied homeless youth in Illinois: 2005 (I. Graf & T. P. Johnson). Paper presented at the Statewide Youth Homelessness Conference, Chicago, December 2005.

Unit nonresponse and error in a national public opinion survey: A census-matching approach (T. P. Johnson, A. L. Holbrook, & Y. I. Cho). Paper presented at the 2nd International Conference on Telephone Survey Methodology, Miami, January 2006.

Some thoughts on cross-cultural health survey research. Paper presented at the Fourth International Workshop on Comparative Survey Design and Implementation. The Hague, The Netherlands, March 2006.

Quality of life in African-American cancer survivors (A. K. Matthews, C. Manfredi, & T. P. Johnson). Paper presented at the 27th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Francisco, March 2006.

Cultural beliefs about breast cancer in African-American, Latina, and White women in Chicago (C. E. Ferrans, B. Akpan, M. Davis, A. Giachello, T. P. Johnson, V. Martinez, J. A. Parsons, D. Ramirez, C. Ramos, M. Willis, & R. B. Warnecke). Paper presented at the annual meeting of the Center for Population Health and Health Disparities, Santa Monica, CA, May 2006.

Building partnerships in community-based participatory research: The experience of the UIC Center for Population Health and Health Disparities (V. Martinez, T. P. Johnson, M. Willis, A. Giachello, M. Davis, & B. Lopez). Paper presented at the annual meeting of the Center for Population Health and Health Disparities, Santa Monica, CA, May 2006.

Culture and survey question answering: A behavior coding approach (Y. I. Cho, T. File, A. Fuller, A. L. Holbrook, & T. P. Johnson). Paper presented at the 61st Annual Meeting of the American Association for Public Opinion Research, Montreal, May 2006.

Extreme response style: Style or substance? (A. L. Holbrook, T. P. Johnson, & Y. I. Cho). Paper presented at the 61st Annual Meeting of the American Association for Public Opinion Research, Montreal, May 2006.

Sexual orientation and alcohol use: A multi-national perspective (T. Hughes, S. Wilsnack, K. Bloomfield, L. Szalacha, & T. P. Johnson). Paper presented at the 32nd Annual Alcohol Epidemiology Symposium of the Kettil Bruun Society for Social and Epidemiological Research on Alcohol, Maastricht, The Netherlands, June 2006.

The effects of acculturation on survey question comprehension among Latino respondents in the *U.S.* (T. P. Johnson, A. L. Holbrook, & Y. I. Cho). Paper presented at the annual meeting of the American Statistical Association, Seattle, August 2006.

Indicators of substance use in a household sample of MSM in Chicago (M. Fendrich, T. P. Johnson, & M. E. Mackesy-Amiti). Paper presented at the 134th Annual Meeting of the American Public Health Association, Boston, November 2006.

Drug test results from a household sample before and after 9/11/01 (M. Fendrich, J. Wislar, & T. P. Johnson). Paper presented at the 134th Annual Meeting of the American Public Health Association, Boston, November 2006.

The effects of computer literacy on the quality of A-CASI cocaine use reporting (T. P. Johnson & M. Fendrich). Paper presented at the 134th Annual Meeting of the American Public Health Association, Boston, November 2006.

Collecting biological specimens in cross-cultural contexts. Paper presented at the Sixth ZUMA Symposium on Cross-Cultural Survey Methodology, Mannheim, Germany, December 2006.

Cultural beliefs contributing to delay among newly diagnosed African-American, Latina, and Caucasian women with breast cancer (C. Ferrans, G. Rauscher, B. Akpan, T. Johnson, D. Ramirez, M. Willis, & R. Warnecke). Paper presented at the Oncology Nursing Society 9th National Conference on Cancer Nursing Research, Hollywood, CA, February 2007.

Using community-level correlates to evaluate nonresponse effects in a telephone survey (Y. I. Cho, T. P. Johnson, A. L. Holbrook, & R. T. Campbell). Paper presented at the DC-AAPOR

Workshop on Nonresponse Bias in Household Surveys, Washington, DC, March 2007. *Difficult-to-reach respondents and validation of self-reports* (Y. I. Cho, A. L. Holbrook, & T. P. Johnson). Paper presented at the 62nd Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2007.

Correcting nonresponse error using propensity weights calculated with community-level census information (Y. I. Cho, T. P. Johnson, & A. L. Holbrook). Paper presented at the 62nd Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2007. *Health disparities or measurement disparities?* (T. P. Johnson, Y. I. Cho, A. L. Holbrook, & L. Owens). Paper presented at the 62nd Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2007.

Culture and survey measurement equivalence. Paper presented at the Health Academy Annual Research Meeting, Orlando, FL, June 2007.

Analysis strategies for cross-cultural research: Introduction (T. P. Johnson & M. Braun). Paper presented at the European Survey Research Association Conference, Prague, Czech Republic, June 2007.

Sexual victimization and alcohol use among sexual minority and heterosexual women (T. L. Hughes, L. A. Szalacha, K. E. Kinnison, S. C. Wilsnack, & T. P. Johnson). Paper presented at the annual scientific meeting of the Research Society on Alcoholism, Chicago, July 2007. The impact of increasing substance abuse treatment priority populations on treatment effectiveness (Y. I. Cho, T. P. Johnson, & L. Pickup). Poster presented at the Robert Wood Johnson Substance Abuse Policy Research Program Annual Grantee Meeting, Amelia Island, FL, December 2007.

Risk behavior in Chicago MSM: Safe sex burnout vs. risk management (M. Fendrich, M. E. Mackesy-Amiti, & T. P. Johnson). Paper presented at the annual meeting of the Society for Social Work Research, Washington, DC, January 2008.

Changes in survey response rate reporting in the professional literature over the past five years (T. P. Johnson, L. Owens, & S. Anand). Paper presented at the 63rd Annual Meeting of the American Association for Public Opinion Research, New Orleans, May 2008.

Cultural associations with survey response in the 2000 Census (G. Lee & T. P. Johnson). Paper presented at the 63rd Annual Meeting of the American Association for Public Opinion Research, New Orleans, May 2008.

Theory and methodology for comparative surveys (P. Ph. Mohler & T. P. Johnson). Paper presented at the International Conference on Survey Methods in Multinational, Multiregional and Multicultural Contexts (3MC), Berlin, June 2008. Also presented at the 3rd Economic & Social Research Council Research Methods Festival, St. Catherine's College, Oxford, England, July 2008.

An overview of cultural mechanisms that may be associated with survey response and nonresponse. Paper presented at the 2008 International Conference on Survey Research Methodology, Taipei, Taiwan, September 2008.

Using drug use testing to validate self-reported sexual behavior in a sample of MSM in Chicago (T. P. Johnson, M. Fendrich, & M. E. Mackesy-Amiti). Poster presentation at the 136th Annual Meeting of the American Public Health Association, San Diego, October 2008.

Impact of increasing priority treatment populations on the treatment effectiveness: A multilevel time trend analysis of treatment procedural outcomes in Illinois, 1995–2006 (Y. I. Cho, T. P. Johnson, G. Lee, & L. Pickup). Paper presented at the 136th Annual Meeting of the American Public Health Association, San Diego, October 2008.

MSM report more dependence symptoms related to prescription drug use compared to other men in Chicago (M. E. Mackesy-Amiti, M. Fendrich, & T. P. Johnson). Poster presented at the 136th Annual Meeting of the American Public Health Association, San Diego, October 2008.

Understanding changing relationships between substance use and sexual risk behavior among MSM in Chicago: 1997 vs. 2002 (M. Fendrich, M. E. Mackesy-Amiti, & T. P. Johnson). Paper presented at the 136th Annual Meeting of the American Public Health Association, San Diego, October 2008.

The effect of cultural context on refusal and noncontact in a RDD telephone survey (G. Lee, T. P. Johnson, & Y. I. Cho). Paper presented at the Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2008.

Procedural outcomes of substance abuse treatment by referral sources: Criminal justice vs. self referrals (Y. I. Cho, T. P. Johnson, & L. Pickup). Poster presented at the Robert Wood Johnson Foundation, Substance Abuse Policy Research Program Annual Grantee Meeting, Tucson, AZ, December 2008.

Mortality disparities across U.S. counties, 1960–1999: Were there racial disparities in the establishment of Medically Underserved Areas (MUAS), and what effects did these have? (R. Barrett, Y. I. Cho, & T. P. Johnson). Poster presented at the NIH Summit: The Science of Eliminating Health Disparities, National Harbor, MD, December 2008. Health disparities or measurement disparities? Paper presented at the Sixth International Workshop on Comparative Survey Design and Implementation. Ann Arbor, Michigan, March 2009.

Race of interviewer effects on reports of political attitudes: Results of a new telephone experiment (M. Krysan, A. L. Holbrook, T. P. Johnson, & L. Henderson). Paper presented at the 64th Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 2009. *Race/ethnicity and RDD nonresponse processes in an urban area* (T. P. Johnson, A. L. Holbrook, M. Krysan, P.-P. Lei, & Y. I. Cho). Paper presented at the 64th Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 2009.

The effects of assertiveness and nationality on extreme response behaviors for Japanese and Americans (J. M. Benoit-Bryant, E. Welch, & T. P. Johnson). Paper presented at the 64th Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 2009.

The use of cultural competency educational interventions to improve rehabilitation service access and outcomes for culturally diverse individuals with disabilities: A systematic review and meta analysis (R. Hasnain, D. M. Kondratowicz, N. Portillo, F. Balcazar, R. Gould, K. Hanz, & T. P. Johnson). Paper presented at the Campbell Collaboration Colloquium 2009, Oslo, Norway, May 2009.

An illustrative review of techniques for detecting inequivalencies (M. Braun & T. P. Johnson). Paper presented at the European Survey Research Association Conference, Prague, Warsaw, Poland, June 2009.

Longitudinal predictors of hazardous drinking and psychological distress in a community sample of lesbians (T. L. Hughes, T. P. Johnson, L. A. Szalacha, & S. C. Wilsnack). Paper presented at the 32nd Annual Scientific Meeting of the Research Society on Alcoholism, San Diego, June 2009. Pot and place: Neighborhood- and individual-level factors influencing marijuana use (A. M. Lippert, J. Houle, M. Fendrich, & T. P. Johnson). Paper presented at the annual meeting of the American Sociological Association, San Francisco, August 2009. The sociodemographic environments of the growth of community health centers in Chicago and their effects on breast cancer diagnosis and treatment (R. E. Barrett, Y. I. Cho, G. Rauscher, T. P. Johnson, E. A. Calhoun, & R. B. Warnecke). Paper presented at the annual meeting of the

Survey methods in public administration research: A content analysis of journal publications (G. Lee, J. Benoit-Bryan & T. P. Johnson). Paper presented at the 10th National Public

National Association of Community Health Centers, Chicago, August 2009.

Management Research Conference, Ohio State University, Columbus, OH, October 2009. *Psychological mechanisms associated with the accuracy of drug use reporting: Social interest* (T. P. Johnson, M. Fendrich, & M. E. Mackessy-Amiti). Poster presented at the 137th Annual Meeting of the American Public Health Association, Philadelphia, November 2009.

A methodology to collect opinions from a comprehensive list of end users of clinical research informatics systems (A. D. Boyd, T. P. Johnson, & A. Valenta). Poster presented at the American Medical Informatics Association 2009 Annual Symposium, San Francisco, November 2009.

Received wisdom on answer/rating scales. Paper presented at the QMSS 2 Group on Survey Design and Quality: Answer/Response Scales in Comparative Surveys, Leinsweiler, Germany, December 3, 2009.

Current challenges and anticipated changes for survey organizations (B.-E. Pennell, T.P. Johnson & J. Kennedy). Panel presentation at the annual meeting of the Association of Academic Survey Research Organizations, Bloomington, IN, February 2010.

A Q-sort to solicit clinical researchers' opinions of barriers in informatics to advance clinical research (A. D. Boyd, G. W. P. Stevenson, M. Dieter, T. P. Johnson, & A.L. Valenta). Paper presented at the annual meeting of the American Medical Informatics Association, San Francisco, March 2010.

Current challenges and anticipated changes for survey organizations (B.-E. Pennell, T. P. Johnson, & J. Kennedy). Presented at the annual meeting of the Association of Academic Survey Research Organizations, Bloomington, IN, March 2010.

Cultural values and survey response style (T. P. Johnson, A. Holbrook, S. Shavitt, Y. I. Cho, N. Chávez, S. Weiner, & K. Marzano). Paper presented at the 65th Annual Meeting of the World Association for Public Opinion Research, Chicago, May 2010.

A comparison of Web and mail survey respondents within a mixed mode national survey (E. J. Shin, T. P. Johnson, & K. Rao). Paper presented at the 65th Annual Meeting of the American Association for Public Opinion Research, Chicago, May 2010.

Self vs. spouse's report of alcohol consumption: An evaluation of proxy reports of spousal drinking behavior (Y. I. Cho, R. W. Wilsnack, S. C. Wilsnack, A. F. Kristjanson, P. Benson, & T. P. Johnson). Paper presented at the 65th Annual Meeting of the American Association for Public Opinion Research, Chicago, May 2010.

Survey satisficing in different populations: To what extent do response effects reflect satisficing across racial and ethnic groups? (A. L. Holbrook, T. P. Johnson, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Paper presented at the 65th Annual Meeting of the American Association for Public Opinion Research, Chicago, May 2010.

Self-reports and spouse reports of drinking: How do they (dis)agree? (R. W. Wilsnack, Y. I. Cho, S. C. Wilsnack, A. F. Kristjanson, P. Benson, & T. P. Johnson). Paper presented at the

Annual Meeting of the Research Society on Alcoholism, San Antonio, TX, June 2010. *Cultural values and survey response styles in the European Social Survey* (T. P. Johnson, P. Ph. Mohler, J. Harkness, M. Braun, & H. Gao). Paper presented at the XVII World Congress of Sociology, Gothenburg, Sweden, July 2010.

A preliminary assessment of cultural variability in respondent actions captured by behavior codes (T. P. Johnson, Y. I. Cho, & A. L. Holbrook). Paper presented at the annual meeting of the American Statistical Association, Vancouver, August 2010.

Drug report validity of formerly homeless vs. never homeless adults (T. P. Johnson, M. Fendrich, &. M. E. Mackessy-Amiti). Poster presented at the 138th Annual Meeting of the American Public Health Association, Denver, November 2010.

Measuring individual-level racism/discrimination: The state of the art (N. Breen, H. Landrine, B. Reeve, S. N. Shariff-Marco, N. Krieger, G. C. McGee, D. R. Williams, V. M. Mays, N. Ponce, M. Alegria, B. Liu, G. Willis, & T. P. Johnson). Paper presented at the 138th Annual Meeting of the American Public Health Association, Denver, November 2010.

Depression, drug use and HIV risk behavior in a probability sample of urban MSM (M. Fendrich, O. Avci, M. E. Mackesy-Amiti, & T. P. Johnson). Poster presented at the 138th Annual Meeting of the American Public Health Association, Denver, November 2010.

Understanding racial and ethnic differences in political participation among Chicago residents (A. L. Holbrook, T. P. Johnson, & M. Krysan). Paper presented at the 35th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2010.

Determinants of researcher involvement in translational activities: The case of UIC (M. Feeney, E. W. Welch, N. J. Bates, M. K. Haller, J. Hyink, T. P. Johnson, P. Nasa, & L. K. Owens). Poster presented at Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Rockville, MD, December 2010.

What explains faculty use of Center for Clinical and Translational Science (CCTS) services? (J. Hyink, T. P. Johnson, N. J. Bates, M. K. Feeney, M. K. Haller, P. Nasa, L. K. Owens, & E.

- W. Welch). Poster presented at Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Rockville, MD, December 2010.
- Who uses what? Service users at UIC's Center for Clinical and Translational Science (P. Nasa, M. K. Haller, M. K. Feeney, J. Hyink, T. P. Johnson, N. J. Bates, L. K. Owens, & E. W. Welch). Poster presented at Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Rockville, MD, December 2010.
- A multi-method assessment of pilot grants & research collaboration at UIC's Center for Clinical & Translational Science (M. K. Haller, N. J. Bates, M.K. Feeney, J. Hyink, T. P. Johnson, P. Nasa, L. K. Owens & E. W. Welch). Poster presented at Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Rockville, MD, December 2010.
 The added value of qualitative research to CTSA evaluations (N. J. Bates, J. Hyink, M. K. Feeney, M. K. Haller, T. P. Johnson, P. Nasa, L. K. Owens, & E. W. Welch). Poster presented at Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Rockville, MD, December 2010.

Measuring everyday racial/ethnic discrimination in health surveys: How best to ask the questions. (S. Shariff-Marco, N. Breen, H. Landrine, B. B. Reeve, N. Krieger, G. C. Gee, D. R. Williams, V. M. Mays, N. A. Ponce, M. Alegria, B. Liu, G. Willis, T. P. Johnson, D. Grant, D. Takeuchi, & E. R. Brown). Poster presented at The Science of Research on Discrimination and Health Conference, Bethesda, MA, February 2011.

- Overview of AAPOR's Transparency Initiative. Presented at the annual meeting of the Association of Academic Survey Research Organizations, Pullman, WA, March 2011. Time issues in multilevel interventions for cancer treatment and prevention (J. Alexander, I. Prabhu Das, & T. P. Johnson). Paper presented at the Conference on Multilevel Interventions in Health Care: Building the Foundation for Future Research. Las Vegas, March 2011. Cross-cultural use of behavior coding: An update (T. P. Johnson, A. L. Holbrook, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Paper presented at the 9th International Workshop on Comparative Survey Design and Implementation. London, March 2011. Egocentric survey based network analysis to assess collaboration patterns among translational researchers at NIH funded CTS centers (M. Haller, E. Welch, & T. P. Johnson). Poster presented at the INSNA Sunbelt Social Network Conference, Redondo Beach, CA, March 2011. Hazardous drinking, depression and anxiety among sexual minority women: Self-medication or impaired-functioning? (T. L. Hughes, T. Johnson, C. Young, & S. C. Wilsnack). Paper presented at the Kettil Bruun Society for Social and Epidemiological Research on Alcohol, Melbourne, Australia, April 2011.
- The effects of neighborhood level characteristics on the reliability and validity of self-reports of health data (J. Benoit-Bryan, T. P. Johnson, & G. Lee). Paper presented at the 66th Annual

Meeting of the American Association for Public Opinion Research, Phoenix, May 2011. *Cross-cultural validity of behavior codes* (T. P. Johnson, A. Holbrook, S. Shavitt, Y. I. Cho, N. Chávez, & S. Weiner). Paper presented at the 66th Annual Meeting of the American Association for Public Opinion Research, Phoenix, May 2011.

Question and respondent predictors of response latencies to survey questions measuring opinions, personal characteristics and factual knowledge (A. Holbrook, T. P. Johnson, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Paper presented at the 66th Annual Meeting of the American Association for Public Opinion Research, Phoenix, May 2011.

AAPOR's Transparency Initiative—Progress and prospects (S. Keeter, P. V. Miller, R. Baker, & T. P. Johnson). Panel presentation at the 66th Annual Meeting of the American Association for Public Opinion Research, Phoenix, May 2011.

On consuming less and being more satisfied: Lifestyles and cultural orientations (M. Koo, S. Shavitt, T. Johnson, A. Holbrook, Y. Cho, N. Chávez, & S. Weiner). Paper presented at the annual meeting of the Society for Consumer Psychology, Atlanta, May 2011.

Evaluation of success in reducing disparities. Paper presented at the annual meeting of the Centers for Population Health and Health Disparities, Chicago, June 2011.

Causes and consequences of hazardous drinking in a community sample of lesbians (T. L.

Hughes, T. P. Johnson, Y. I. Cho, S. C. Wilsnack, F. Aranda, & L. A. Szalacha). Paper presented at the 34th Annual Scientific Meeting of the Research Society on Alcoholism, Atlanta, June 2011.

Understanding the pathways to hazardous drinking among sexual minority women: The relationships between sexual identity disclosure and depression (F. Aranda, T. L. Hughes, A. K. Matthews, S. C. Wilsnack, & T. P. Johnson). Poster presentation at the 34th Annual Scientific Meeting of the Research Society on Alcoholism, Atlanta, June 2011.

Basic human values and response styles (T. P. Johnson & M. Braun). Paper presented at the 4th Conference of the European Survey Research Association, Lausanne, Switzerland, July 2011. *AAPOR's Transparency Initiative: Progress and prospects* (P. J. Lavrakas, T. P. Johnson, P. Miller, & S. Keeter). Paper presented at 64th annual conference of the World Association for Public Opinion Research, Amsterdam, The Netherlands, September 2011.

Tracking translational collaborations and activities at the UIC CCTS (M. K. Feeney, E. W. Welch, I. Aseltine, N. J. Bates, M. Haller, J. Hyink, T. P. Johnson, & P. Nasa). Poster presented at Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Rockville, MD, October 2011.

Using social network analysis to understand user communities (M. Haller, P. Nasa, M. K. Feeney, J. Hyink, T. P. Johnson, N. J. Bates, L. K. Owens, & E. W. Welch). Poster presented at the Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Rockville, MD, October 2011.

Cultural variability in respondent processing of health survey questions (T. P. Johnson, Y. I. Cho, A. L. Holbrook, S. Shavitt, N. Chávez, & S. Weiner). Paper presented at the 139th Annual Meeting of the American Public Health Association, Washington, DC, November 2011. Effect of question characteristics on responses to health survey questions (T. P. Johnson, A. L. Holbrook, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Poster presented at the 139th Annual Meeting of the American Public Health Association, Washington, DC, November 2011. Outpatient substance abuse treatment facility's neighborhood and treatment completion (Y. I. Cho, T. P. Johnson, & L. Pickup). Paper presented at the 139th Annual Meeting of the American Public Health Association, Washington, D.C., November 2011.

Beyond telling stories: The added value of qualitative research to CTSA evaluations (N. J. Bates, J. Hyink, T. P. Johnson, M. K. Fenney, M. Haller, P. Nasa, L. Owens, & E. W. Welch). Paper presented at the annual meeting of the American Evaluation Association, Anaheim, CA, November 2011.

The effects of social disorganization and neighborhood composition on the quality of health data (J. Benoit-Bryan, M.-H. Li, & T. P. Johnson). Paper presented at the 36th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 19, 2011.

Culture, concepts of power and attitudes toward powerholders: Consequences for consumer satisfaction in ongoing service interactions (C. J. Torelli, S. Shavitt, T. P. Johnson, A. Holbrook, Y. I. Cho, N. Chávez, S. Weiner, & T. Beebe). Paper presented at the 36th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 19, 2011.

Diverse clinical research data needs at University of Illinois at Chicago (A. D. Boyd, M. Liang, G. Stevenson, T. P. Johnson, & A. Valenta). Poster presented at the 2012 Joint Summits on Translational Science, San Francisco, March 2012.

Cross-cultural applications of behavior coding: A review. Paper presented at the 10th International Workshop on Comparative Survey Design and Implementation. Washington, DC, March 2012. *Using egocentric survey based network analysis to assess collaboration patterns among translational researchers* (M. Haller, E. Welch, & T. P. Johnson). Poster presented at the annual Science of Team Science Conference, Chicago, April 2012.

The effects of question design features on the cognitive processing of survey questions across cultural groups (T. P. Johnson, A. L. Holbrook, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Paper presented at the 67th Annual Meeting of the American Association for Public Opinion Research, Orlando, FL, May 2012.

Emotional risks of survey research: Experimental evidence (S. Labott & T. P. Johnson). Paper presented at the 67th Annual Meeting of the American Association for Public Opinion Research, Orlando, FL, May 2012.

How do respondent behaviors reflect and influence perceptions of surveys? (A. L. Holbrook, T. P. Johnson, Y. I. Cho, N. Chávez, S. Weiner, & S. Shavitt). Poster presented at the 67th Annual Meeting of the American Association for Public Opinion Research, Orlando, FL, May 2012.

The effects of race/ethnicity, cultural values, and language of interview on socially desirable responding (S. Shavitt, T. P. Johnson, A. L. Holbrook, Y. I. Cho, N. Chávez, & S. Weiner). Poster presented at the 67th Annual Meeting of the American Association for Public Opinion Research, Orlando, FL, May 2012.

Cultural differences in the validity of self-reports of chronic health conditions (Y. I. Cho, T. P. Johnson, A. L. Holbrook, S. Shavitt, N. Chávez, & S. Weiner). Poster presented at the 67th Annual Meeting of the American Association for Public Opinion Research, Orlando, FL, May 2012. *Implementing the AAPOR Transparency Initiative* (P. Lavrakas, S. Keeter, C. Kennedy, T. P. Johnson, & P. Miller). Panel presentation at the 67th Annual Meeting of the American Association for Public Opinion Research, Orlando, FL, May 2012.

Planning your career in survey research (M. Koppelman, K. Elver, T. P. Johnson, R. Langley, & B. Mockovak). Panel presentation at the International Field Directors & Technologies Conference, Orlando, FL, May 2012.

The impact of victimization, depression and hazardous drinking in heterosexual and sexual minority women (T. L. Hughes, T. P. Johnson, B. Riley, & S. Wilsnack). Paper presented at the annual meeting of the Research Society on Alcoholism, San Francisco, June 2012.

AAPOR's Transparency Initiative (T. P. Johnson & P. J. Lavrakas). Paper presented at the Eighth International Conference on Social Science Methodology, University of Sydney, Sydney, Australia, July 2012.

Quality/quantity assessment of patient registries versus questionnaire self-reports (S. Jones, T. P. Johnson, S. B. Clauser, J. McMichael, K. Treiman, & C. L. Hobbs). Paper presented at the annual meeting of the American Statistical Association, San Diego, July 2012.

Mediators in the survival disparity between Black and White women with ovarian cancer (C. E. Peterson, G. H. Rauscher, T. P. Johnson, C. V. Kirschner, R. E. Barrett, S. Kim, & F. G. Davis). Poster presented at the annual meeting of the American College of Epidemiology, Chicago, September 2012.

Modeling error in self-reports of chronic health conditions: Cultural similarities and differences (Y. I. Cho, T. P. Johnson, A.L. Holbrook, S. Shavitt, N. Chávez, & S. Weiner). Poster presented at the annual meeting of the American College of Epidemiology, Chicago, September 2012.

Managing nonresponse as a general methodological problem. Paper presented at Seminar on Managing Problems with Missing Data in Survey Research, Stockholm Centre on Health of Societies in Transition (SCOHOST), Södertörn University, Sweden, September 2012. *Information on non-radiation risk factors: Pilot study* (F. Davis, L. Krestinina, O. Kalyov, D. Preston, A. Akleyev, & T. P. Johnson). Paper presented at the International Conference on the Experience of Minimization of Consequences of the Failure of 1957, Chelyabinsk, Russia, October 2, 2012.

What's behind a successful CTSA outcome? Use of the Success Case Study Method (SCM) to explore factors leading to more clinical and translational scientists. Poster presented at Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Bethesda, MD, October 2012.

Collaboration and productivity outcomes for pilot grant awardees (E. W. Welch, P. Nasa, T. P. Johnson, & M. K. Feeney). Poster presented at the Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Bethesda, MD, October 2012.

Methods for identifying translational researchers and scientists (M. K. Feeney, T. P. Johnson, & E. W. Welch). Poster presented at the Clinical & Translational Science Awards Evaluation Key Function Committee Annual Meeting, Bethesda, MD, October 2012.

Survey comprehension across multiple languages: Results from the CHIS Discrimination Module (T. P. Johnson, Y. I. Cho, G. Willis, S. Shariff-Marco, M. Alegria, N. Breen, E. R. Brown, G. C. Gee, D. Grant, N. Krieger, H. Landrine, B. Liu, V. M. Mays, N. Ponce, B. B. Reeve, D. T. Takeuchi, & D. R. Williams). Paper presented at the 140th Annual Meeting of the American Public Health Association, San Francisco, October 2012.

Success case method: Application in a CTSA context (N. J. Bates & T. P. Johnson). Paper presented at the 26th Annual Meeting of the American Evaluation Association, Minneapolis, October 2012.

Surveying political extremists (T. P. Johnson, A. L. Holbrook, & K. Atterberry). Paper presented at the International Conference on Surveying and Enumerating Hard to Reach Populations, November 2012.

Surveying hard-to-reach research population groups: A mixed methods approach to questionnaire development and evaluation (G. Willis, M. Alegria, N. Breen, E. R. Brown, G. C. Gee, H. Landrine, D. Grant, T. P. Johnson, N. Krieger, K. Levin, B. Liu, V. M. Mays, N. A. Ponce, B. B. Reeve, S. Shariff-Marco, M. Stapleton, D. Takeuchi, & D. R. Williams). Paper presented at the International Conference on Surveying and Enumerating Hard to Reach Populations, November 2012.

Racial disparities in political participation across issues and self-interest (A. L. Holbrook, D. Sterrett, T. P. Johnson, N. Kaplan, & M. Krysan). Paper presented at the 37th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2012.

Respondent driven sampling in a community survey of sexual minority women (K. Martin, T. P. Johnson, & T. Hughes). Paper presented at the 37th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2012.

Measurement properties of the Short Acculturation Scale (SASH): Preliminary findings from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) (E. L. Navas-Nacher, P. Gonzalez, O. Birnbaum-Weitzman, G. Talavera, N. Schneiderman, T. P. Johnson, L. Gallo, W. Arguelles, & M. Daviglus). Poster presented at the annual meeting of the American Heart Association, New Orleans, March 2013.

Investigating cultural variability in nonverbal behaviors associated with responding to survey questions (T. P. Johnson, A. L. Holbrook, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Paper presented at the 11th International Workshop on Comparative Survey Design and Implementation, Stockholm, Sweden, March 2013.

Big data: Perspectives from the world of surveys and sampling. NSF Workshop on Big Data and Urban Informatics: e-Infrastructure for Urban Social Science Research, Chicago, March 2013.

Interviewer effects on respondent processing of survey questions: A cross-cultural analysis (T. P. Johnson, A. L. Holbrook, Y. I. Cho, S. Shavitt, N. Chávez, S. Weiner, & I. Safika). Paper presented at the 68th Annual Meeting of the American Association for Public Opinion Research, Boston, May 2013.

Examining the role of culture in answering context-general and context-specific survey questions (A. L. Holbrook, S. Shavitt, T. P. Johnson, Y. I. Cho, N. Chávez, & S. Weiner). Paper presented at the 68th Annual Meeting of the American Association for Public Opinion Research, Boston, May 2013.

The use of sex-related drugs among men who have sex with men in Jakarta, Indonesia (I. Safika & T. P. Johnson). Poster presented at the 2013 NIDA International Forum, San Diego, June 2013. *Condom use among men who have sex with men in Jakarta, Indonesia* (I. Safika & T. P. Johnson). Poster presented at the 7th International Aids Society Conference on HIV Pathogenesis, Treatment, and Prevention, Kuala Lumpur, Malaysia, June 2013.

Referral sources and outpatient substance abuse treatment completion (Y. I. Cho, T. P. Johnson, M. Fendrich, & L. Pickup). Poster presented at the 142^{nd} Annual Meeting of the American Public Health Association, Boston, October 2013.

The influence of self-interest on people's policy preferences (D. Sterrett, A. Holbrook, & T. P. Johnson). Paper presented at the 38th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2013.

Assessing the robustness of established construct associations across race/ethnic groups. (T. P. Johnson, D. Sterrett, M. Stavrakantonaki, A. Holbrook, S. Shavitt, Y. I. Cho, N. Chávez, & S. Weiner). Paper presented at the 2014 International Workshop on Comparative Survey Design and Implementation, Bethesda, MD, March 2014.

Measuring culture across racial and ethnic groups in the U.S.: Exploring challenges and solutions. (A. L. Holbrook, D. Sterrett, M. Stavrakantonaki, T. P. Johnson, S. Shavitt, Y. I. Cho, N. Chávez, & S. Weiner). Paper presented at the 69th Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2014.

Utility of nonverbal behavior coding for detecting comprehension difficulties across race/ethnic groups (T. P. Johnson, A. Holbrook, S. Shavitt, M. Stavrakantonaki, D. Sterrett, Y. I. Cho, N. Chávez, & S. Weiner). Paper presented at the 69th Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2014.

The role of culture in response styles to survey questions (S. Shavitt, T. Johnson, S. Sterrett, M. Stavrakantonaki, A. Holbrook, S. Weiner, & Y. I. Cho). Paper presented at CultureSensitive Health Communication: Scientific Small-Group Meeting of Experts, Erfurt, Germany, May 2014. *Big data and survey research: Supplement or substitute?* (T. P. Johnson & T. W. Smith). Paper presented at the Workshop on Big Data and Urban Informatics, University of Illinois at Chicago, August 2014.

Examining the influence of CTSA service use on research productivity (P. Desai, T. P. Johnson, P. Nasa, M.-J. Lee, & M. Feeney). Poster presented at the Annual Meeting of the American Evaluation Association, Denver, October 2014.

DUI/DWI-referred clients' attributes to outpatient treatment completion (Y. I. Cho, T. P. Johnson, M. Fendrich, & L. Pickup). Poster presented at the Annual Meeting of the American Public Health Association, New Orleans, November 2014.

Racial and ethnic differences in extreme response style: Testing explanations (A. Holbrook, D. Sterrett, & T. P. Johnson). Paper presented at the Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2014.

Weather conditions, social exclusion and social desirability bias (M. Stavrakantonaki & T. P. Johnson). Paper presented at the Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2014.

Effects of acculturation on question comprehension (M. Stavrakantonaki, T. P. Johnson, A. L. Holbrook, Y. I. Cho, S. Shavitt, S. Weiner, & N. Chávez). Poster presented at the 70th Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 2015. The effect of question characteristics on respondent and interviewer behaviors (A. L. Holbrook, T. P. Johnson, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Paper presented at the 70th Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 2015. AAPOR's Transparency Initiative: Overview and update on progress (T. P. Johnson & T. Tompson). Paper presented at the 68th Annual Meeting of the World Association for Public Opinion Research, Buenos Aires, Argentina, June 2015.

Cross-cultural equivalence of survey response latencies (T. P. Johnson, Y. I. Cho, A. L. Holbrook, S. Shavitt, D. Sterritt, S. Weiner, N. Chávez, & M. Stavrakantonaki). Paper presented at the 6th Annual Conference of the European Survey Research Association, Reykjavik, Iceland, July 2015. *Economic inequality and population health* (M. Stavrakantonaki & T. P. Johnson). Paper presented at the 143rd Annual Meeting of the American Public Health Association, Chicago, November 2015.

Pregnant women's substance abuse treatment completion rates: Effects of referral sources and treatment setting (Y. I. Cho, T. P. Johnson, M. Fendrich, & L. Pickup). Paper presented at the 143rd Annual Meeting of the American Public Health Association, Chicago, November 2015.

Effect of question characteristics on support for the Affordable Care Act (2010-2015) (T. Zhao & T. P. Johnson). Paper presented at the 40th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2015.

Acquiescence among depressed individuals (M. Stavrakantonaki & T. P. Johnson). Paper presented at the 40th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2015.

Comparison of weighting methods for nonresponse bias adjustments. (L. Owens & T. P. Johnson). Paper presented at the 40th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 2015.

The effect of question characteristics on support for the Affordable Care Act (2010-2016) (T. Zhao & T. P. Johnson). Paper presented at the 71st Annual Meeting of the American Association for Public Opinion Research, Austin, TX, May 2016.

"Mental retardation" vs. "Intellectual disability": Differences in responses (M. Stavrakantonaki & T. P. Johnson). Poster presented at the 71st Annual Meeting of the American Association for Public Opinion Research, Austin, TX, May 2016.

Examining respondent-interviewer interactions using behavior coding data and paradata (A.L. Holbrook, T.P. Johnson, Y.I. Cho, S. Shavitt, N. Chavez, & S. Weiner). Paper presented at the Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016.

Cross-cultural comparability of behavior coding (T.P. Johnson, A.L. Holbrook, Y.I. Cho, S. Shavitt, N. Chavez, & S. Weiner). Paper presented at the Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016.

Within-household selection of respondents: The last step of sampling in household surveys (A. Koch & T.P. Johnson). Paper presented at the Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016.

Understanding racial/ethnic differences in public opinion towards the Affordable Care Act (T. Zhao & T.P. Johnson). Paper presented at the Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016.

Is acquiescence and expression of social deference? Acquiescence and interviewer effects in a survey of white and ethnically diverse Latino respondents (R. Davis, T.P. Johnson, S. Lee, C. Werner, & L. Reyes). Paper presented at the Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016. *Comparison of weighting methods for nonresponse bias adjustment.* (L. Owens, T.P. Johnson, & J. Krishnan). Paper presented at the annual meeting of the American Statistical Association, Chicago, August 2016.

OTHER CONFERENCE PARTICIPATION

Chair, Session on *Nonresponse and coverage*. Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 21, 1992.

Discussant, Session on *Public responses to issues and poll questions about issues*. Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 18, 1995. Discussant, Session on *Surveys and race-related issues: What makes the difference?* Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 22, 1997. Discussant, Session on *Race, ethnicity and income*, Measuring Child Health: Critical Challenges in Developing and Applying Health Status & Outcome Measures. Schaumburg, IL, March 24, 2003

Discussant, Session on *Quality assurance and quality monitoring for cross-cultural and crossnational surveys*. Annual meeting of the American Association for Public Opinion Research. Phoenix, May 13, 2004.

Panelist, *Cultural competency in the recruitment of minorities into clinical trials*. Northwestern University, June 17, 2004.

Chair, Session on *Improving survey research methods for planning*. City Futures Conference, Chicago, July 9, 2004.

Co-Chair, *Roundtable to discuss the findings of the 2004 ISSP Survey*. Santo Domingo, Dominican Republic, January 19, 2006.

Discussant, Session on *Challenges and recommendations in surveys of physicians and medical professionals*. Annual meeting of the Midwest Association for Public Opinion Research, Chicago, November 17, 2006.

Chair, Session on *Measurement error and health disparities*. 9th Conference on Health Survey Research Methods, Peachtree City, GA, March 2, 2007.

Chair, Session on *Measuring political attitudes*. 62nd Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2007.

Co-chair & Co-organizer, Session on *Analysis strategies for cross-cultural research*. European Survey Research Association Conference, Prague, Czech Republic, June 27, 2007.

Chair, Session on *Mode issues*, 63rd Annual Meeting of the American Association for Public Opinion Research, New Orleans, May 2008.

Chair, Session on *Analyses and validation*, International Conference on Survey Methods in Multinational, Multiregional and Multicultural Contexts (3MC), Berlin, June 2008. Chair, Session on *Response styles*, International Conference on Survey Methods in Multinational, Multiregional and Multicultural Contexts (3MC), Berlin, June 2008.

Introduction of *Keynote address* by Denise Lievesley, International Conference on Survey Methods in Multinational, Multiregional and Multicultural Contexts (3MC), Berlin, June 2008. Chair, Session on *Missing data*, 2008 International Conference on Survey Research Methodology, Taipei, Taiwan, September 11, 2008.

Co-chair & Co-organizer (with M. Braun), Session on *Analysis strategies for cross-cultural research*. 3rd European Survey Research Association Conference, Warsaw, Poland, June 30, 2009.

Discussant, Session on *Cross-cultural public opinion research*. Annual meeting of the Midwest Association for Public Opinion Research, Chicago, November 19, 2010.

Co-chair & Co-organizer (with M. Braun), Session on *General human values*, *personality characteristics and response styles*. 4th European Survey Research Association Conference, Lausanne, Switzerland, July 22, 2011.

Discussant, Session on *Issues, challenges, and opportunities in school based data collections.* 36th annual meeting of the Midwest Association for Public Opinion Research, Chicago, November 19, 2011.

Chair and Discussant, Session on *Health care impacts for organizations and individuals*. Research Roundtable on Broadband Evaluation, MacArthur Foundation, October 3, 2012. Chair, Session on *An overview of the hard-to-reach: Who, how, what, and where?* International Conference on Surveying and Enumerating Hard to Reach Populations, November 1, 2012. Discussant, Session on *Who's missing? Unit and item nonresponse in surveys.* 37th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 16, 2012. Chair, Session on Metadata, 11th International Workshop on Comparative Survey Design and Implementation. Stockholm, Sweden, March 2013.

Discussant, Session on *Health communication, knowledge, and behavior*. 38th Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 22, 2013.

Chair, Session on *Cross-cultural instrument design and translation*. 12th International Workshop on Comparative Survey Design and Implementation, Bethesda, MD, March 28, 2014.

Chair, Session on *Health survey research methods*. 69th Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 17, 2014.

Chair, Session on *Techniques for Questionnaire Design*. 13th International Workshop on Comparative Survey Design and Implementation, City University, London, March 26, 2015. Chair, Session on *Response and Nonresponse*. 69th Annual Meeting of the World Association for Public Opinion Research, Austin, TX, May 12, 2016.

Chair, Three sessions on *Analysis tools and Methods*, Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016.

Introduction of *Plenary session address* by Lars Lyberg, Second International Conference on Survey Methods in Multinational, Multiregional and Multicultural Contexts (3MC), Chicago, July 2016.

- Cognitive tasks of baccalaureate nurses: Interim analysis of data provided by Special Project Grant #D10NU24102-01, the Sleuthing Nursing Pathways Project of the College of Nursing at the University of Kentucky (R. W. Moore & T. P. Johnson). Paper presented at the Technical Assistance Conference of the U.S. Public Health Service, Washington, DC, November 1982. Pet ownership and attachment as supportive factors in the health of the elderly (T. F. Garrity, L. Stallones, M. B. Marx, & T. P. Johnson). Technology Assessment Workshop on the Health Benefits of Pets, National Institutes of Health, Division of Research Services and Office of Medical Application Research, September 10, 1987.
- Health-related experiences of the homeless adolescent in Chicago (J. Aschkenasy & T. P. Johnson). Pediatric Grand Rounds, Rush Medical College, Chicago, October 22, 1993.

 Development of a methodology for examining cultural differences in the cognitive processing of health survey questions (T. P. Johnson, D. O'Rourke, N. Chávez, S. Sudman, R. Warnecke, L. Lacey, & J. Horm). National Center for Health Statistics Workshop: Research Issues to Address Minority Health Data Needs, Rockville, MD, March 17, 1994.
- Social cognition and responses to health questions among minority populations. National Committee on Vital and Health Statistics, Subcommittee on Health Statistics for Minority and Other Special Populations. Washington, DC, September 14, 1994.

 Random-digit-dialing sampling methods: An overview and applications to substance use

treatment needs assessment surveys. Department of Psychiatry, Harvard University, December 20, 1994.

Sampling in substance abuse surveys. National Technical Center for Substance Abuse Treatment Needs Assessment Workshop: Measuring Need for Substance Abuse Treatment in the Context of Managed Care, Rockville, MD, March 20, 1995.

Social cognition and responses to survey questions among culturally diverse populations. School of Public Health, University of Oklahoma, September 27, 1995.

Cross-cultural issues in survey research. Chicago School of Professional Psychology, April 7, 1997.

Enumerating the homeless in Chicago. Department of Sociology, Loyola University, Chicago, February 25, 1999.

New directions in substance abuse. Lakefront SRO Board of Directors Meeting, Chicago, April 22, 1999.

Reliability and validity of self-reported substance use: Evidence from the United States. Zentrum fur Umfragen, Methoden und Analysen (ZUMA; Centre for Survey Research and Methodology), Mannheim, Germany, July 26, 1999.

The role of primary care physicians in detecting and treating substance abuse. National Center on Addiction and Substance Abuse, Columbia University, December 14, 1999.

Impact of consent procedures, mode, and editing rules on prevalence differences in three national surveys of youth (M. Fendrich & T. P. Johnson). Data Council Meeting, U.S. Dept. of Health and Human Services, Washington, D.C., June 14, 2000.

- *Issues in surveying disabled persons* (J. A. Parsons, S. Baum, T. P. Johnson, & G. Hendershot). Interagency Subcommittee on Disability Statistics [teleconference], March 2001.
- Substance use prevalence and treatment needs among mental health patients in Illinois. Lake County Health Department, Waukegan, IL, July 25, 2001.
- Technicas de investigacion para identificar y entender actitudes y opiniones publicas (Research techniques for identifying and understanding public attitudes and opinions). Santo Domingo, Dominican Republic, September 19, 2002, sponsored by the Fundacion Global Democracia y Desarrolo.

Substance abuse treatment need and treatment utilization among youth entering the Illinois juvenile corrections system (T. P. Johnson, Y. I. Cho, M. Fendrich, I. Graf, L. Kelly-Wilson, & L. Pickup). National Evaluation Data Services General Expert Panel Meeting, Crystal City, VA, September 30, 2002.

Téchnicas de investigación en la elaboración de encuestas. Santo Domingo, Dominican Republic, December 11-12, 2002, Sponsored by the Fundación Global, Democracia y Desarrollo. *Illinois treatment needs assessment program: 2003 update* (L. Pickup & T. P. Johnson). State Data Infrastructure Development Program Meeting, Washington, DC, March 17, 2003.

Culture and survey measurement and issues of culture and health literacy in ethical and accurate health research (S. Scrimshaw & T. P. Johnson). School of Public Health Dean's Forum. University of Illinois at Chicago, October 13, 2004.

Nonresponse and the quality of survey-based substance use estimates (T. P. Johnson & M. Fendrich). Jane Addams College of Social Work, University of Illinois at Chicago, January 27, 2005.

Cultural sources of measurement error in substance abuse research (M. Fendrich, P. J. Bowman, & T. P. Johnson). Jane Addams College of Social Work, University of Illinois at Chicago, February 25, 2005.

Measuring adolescent substance use: Sources of measurement error (T. P. Johnson & M. Fendrich).

Jane Addams College of Social Work, University of Illinois at Chicago, March 18, 2005.

The epidemiology of club drug use (M. Fendrich & T. P. Johnson). Jane Addams College of Social Work, University of Illinois at Chicago, May 13, 2005.

Survey nonresponse in epidemiologic research. Mayo Clinic, Rochester, MN, May 23, 2005.

How culture influences measurement in the social sciences. University of Aalborg, Denmark, February 14, 2006.

Culture & measurement in survey research. Research Triangle Institute, Chicago (and televised to RTI offices in North Carolina, Atlanta and Rockville), April 13, 2006.

Culture and respondent comprehension in health surveys. Division of Epidemiology and Biostatistics, School of Public Health, University of Illinois at Chicago, February 9, 2007. *Methodological issues in cross-cultural survey research*. Helen Bader School of Social Welfare, University of Wisconsin-Milwaukee, July 19, 2007.

Cultural variability in survey response behaviors. Mt. Sinai Urban Health Institute, Chicago, August 14, 2007.

Culture and survey behavior. Pedagogy Hour address at Annual Meeting of the Midwest Association for Public Opinion Research, Chicago, November 16, 2007.

Unpackaging cultural influences on survey response & measurement. ICPSR Summer Course Methodological issues in quantitative research on race and ethnicity, University of Michigan, July 16, 2008; July 14, 2009.

Some comments on the paper by Paul Biemer & Marcus Berzofsky: Latent class models & questionnaire pretesting. Workshop on Question Evaluation Methods, National Center for Health Statistics, Hyattsville, MD, October 22, 2009.

A sampling primer. Helen Bader School of Social Welfare, University of WisconsinMilwaukee, June 30, 2010.

Future prospects for conducting high-quality surveys of physicians and medical practices: A third perspective. NCI Provider Survey Methods Workshop, National Cancer Institute, Bethesda, MD, November 4, 2010.

Using behavior codes to understand cultural variability in survey question processing (T. P. Johnson, A. L. Holbrook, Y. I. Cho, S. Shavitt, N. Chávez, & S. Weiner). Institute for Social and Economic Research, University of Essex, Colchester, England, March 22, 2011.

Overview of current developments in survey research methodology. Atma Jaya Catholic

University of Indonesia, Jakarta, September 21, 2011.

Assessing culture's influence on health survey research. Public Health Sciences, University of Virginia, August 25, 2012.

Investigating cultural influences on survey responses: Evidence from the U.S. Department of Statistics, Stockholm University, September 12, 2012.

Some survey fundamentals. Travel Survey Interest Group, Regional Transportation Agency, Chicago, September 25, 2012.

Overview of survey methodology for public health research. International Workshop on HIV/AIDS Prevention & Research Skills Development, Medical College of Ningbo University, Ningbo, China, January 2013 and Kunming Medical University, Kunming, China, April 2013. *Culture and measurement error in health surveys.* Mental Health Disparities Initiative, University of Nebraska-Lincoln, April 10, 2013.

Transparency Initiative Coordinating Committee report. Presentation at the 68th Annual Meeting of the American Association for Public Opinion Research, Boston, May 2013.

Transparency Initiative Coordinating Committee. Presentation at the 69th Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 15, 2014.

A primer on cross-cultural survey research. Atma Jaya Catholic University of Indonesia, Jakarta, August 13, 2014.

Survey error and questionnaire design. Caterpillar Faculty Scholars, University of Illinois College of Medicine-Peoria, Peoria, IL, October 14, 2014.

Update on AAPOR's Transparency Initiative. Annual meeting of the Association of Academic Survey Research Organizations, Rutgers University, March 7, 2015.

Sampling hard-to-find populations, Urban Big Data Center, University of Glasgow, Scotland, March 23, 2015.

Transparency in our industry. Presentation at the 70th Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 14, 2015.

Introduction to cross-cultural issues in survey methodology. Presentation at the DC-AAPOR 9th Annual POQ (Special Issue) Conference, Bureau of Labor Statistics, Washington, D.C., September 25, 2015.

Cross-cultural measurement and analysis; Sampling rare and hard-to-find populations; Introduction to complex sample design data analysis. Presentations at the Fogarty UIC Global Mental Health and Migration Research and Training Program, Istanbul, Turkey, October 21-24, 2015. Evaluating for policy impact. Presentation at the Countering Violent Extremism (CVE) Metric Workshop, National Consortium for the Study of Terrorism and Responses to Terrorism,

Culture and comparability of survey measurements. Presentation at the World Bank, Washington, D.C., February 17, 2016.

Developing research questions; Sampling methodologies and power analysis; Measurement; Survey data analysis. Presentations at the 3rd National Symposium on Migration, Health, and Mental Health, University of Pristina, Republic of Kosovo, May 18–20, 2016.

Survey data analysis. Presentations at the Sinai Urban Health Institute, Chicago, July 13 & 18, 2016.

EDITORIAL SERVICE

Editorial Board, Substance Use & Misuse, 1996–present.

University of Maryland, December 14, 2015.

Advisory and Review Board, *Journal of Empirical Research on Human Research Ethics*, 2007– present. Guest Editor for special issues of *Substance Use and Misuse* (Volume 32, Numbers 7 & 8), Substance use among homeless, immigrant and refugee populations: An international perspective, July 1997.

Guest Editor for special issue of *Substance Use and Misuse* (Volume 38, Numbers 3, 4, 5, & 6), Homelessness and Substance Use, 2003.

Guest Editor (with Michael Fendrich) for special issue of *Substance Use & Misuse* (Volume 40, Numbers 9–10), The Epidemiology of Club Drug Use, 2005.

Guest Editor (with Michael Fendrich) for special issue of *Substance Use & Misuse* (Volume 44, Number 12), Substance Use under Conditions of Uncertainty and Trauma, 2009.

Guest Editor (with Jonathan VanGeest) for special issue of *Evaluation & the Health Professions* (Volume 26, Number 3), *Surveying Clinicians*, 2013.

Guest Editor for special issue of *Public Opinion Quarterly* (Volume 79), *Cross-Cultural Issues in Survey Methodology*, 2015.

Ad hoc reviewer for Addiction, Alcohol and Alcoholism, American Journal of Epidemiology, American Journal of Evaluation, American Journal of Public Health, American Review of Public Administration, American Sociological Review, Annals of Epidemiology, Archives of Internal Medicine, BMC Cancer, BMC Health Services Research, BMC Medical Research Methodology, BMC Public Health, BMJ Open, BMC Research Notes, Clinical Medicine & Research, Conflict and Health, Cross Cultural Research, Drug and Alcohol Dependence, Epidemiology, European Journal of Public Health, European

Review of Applied Psychology, Evaluation & the Health Professions, Experimental and Clinical Psychopharmacology, Field Methods, Health, Health Education & Behavior, Health Education Research, Health Services Research, Health Promotion Practice, Inquiry, International Journal of the Addictions, International Journal of Educational Development, International Journal of Psychology, International Journal of Public Opinion Research, International Journal of Social Research Methodology, Theory & Practice, JAMA, JPART, Journal of Addictive Behaviors, Therapy & Rehabilitation, Journal of Empirical Research on Human Research Ethics, Journal of the American Board of Family Practice, Journal of Clinical Epidemiology, Journal of Cross-Cultural Psychology, Journal of Drug Issues, Journal of Environmental and Public Health, Journal of General Internal Medicine, Journal of Health and Social Behavior, Journal of Health Care for the Poor and Underserved,

Journal of Health Communication, Journal of Medical Internet Research, Journal of the National Cancer Institute, Journal of Official Statistics, Journal of Studies on Alcohol and Drugs, Journal of Survey Statistics and Methodology, Mayo Clinic Proceedings, Medical Care, Methodological Innovations Online, Methodology, New Media & Society, Nicotine & Tobacco Research, PAR, Pharmacoepidemiology and Drug Safety, New Media & Society, PLoS Medicine, PLoS One, Political Behavior, Population Health Metrics, Population Research and Policy Review, Preventive Medicine, Psychiatric Services, Psychology of Addictive Behaviors, Public Health, Public Opinion Quarterly, Public Understanding of Science, Sage Open, Social Forces, Social Problems, Social Psychiatry and Psychiatric Epidemiology, Social Science & Medicine, Social Science Research, Sociological Methodology, Sociological Quarterly, Survey Practice, Survey Research Methods.

Ad hoc book manuscript reviewer for Sage Publications (2002; 2004); John Wiley & Sons (2003); Jossey-Bass (2007).

Ad hoc book proposal reviewer for Cambridge University press (2016); Guilford Press (2005); Oxford University Press (2009); Sage Publications (2009); John Wiley & Sons (2012); Cambridge University Press (2012; 2014); Taylor & Francis (2015); Palgrave Macmillan (2015).

Chair, Conference Monograph Committee, Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016 (2013-2017).

SERVICE TO THE PROFESSION

Grant/Contract/Report/Promotion Review Service

Member, Behavioral and Social Sciences/Clinical Health Services Peer Review Panel (2001), Dept. of Defense, U.S. Army Medical Research and Material Command, *2001 Breast Cancer Research Program*.

Grant Reviewer, National Institute for Occupational Safety and Health (1994–1996). *Demonstration Cancer Control Projects for Farm Populations*.

Grant Reviewer, Substance Abuse and Mental Health Services Administration (1997).

Special Emphasis Panel on Homelessness Prevention: Phase 2.

Contract Reviewer, Substance Abuse and Mental Health Services Administration (1997–1998). Special Emphasis Panel II on National Household Surveys on Drug Abuse (NHSDA). Drug Abuse Warning Network Review Committee.

State Treatment Needs Assessment Studies: Alcohol and Other Drugs.

Grant Reviewer, National Science Foundation (2004, 2006, 2008, 2012-2015).

Grant Reviewer, *Health of the population special emphasis panels*, National Institutes of Health (October 2007, February 2008, October 2008, February 2009, November 2009, January 2011). Grant Reviewer, *Multilevel interventions in cancer care delivery: Building from the problem of follow-up to abnormal screening tests special emphasis panel*, National Cancer Institute, April 2016.

Grant Reviewer, Netherlands Organisation for Scientific Research (November 2007). Social Sciences Board Open Programme, The Netherlands.

Grant Reviewer, Social Sciences and Humanities Research Council of Canada (January 2008). Standard Research Grants Program.

Grant Reviewer, *Time-Sharing Experiments for the Social Sciences* (TESS), National Science Foundation (December 2012).

Grant Reviewer, Icelandic Centre for Research (RANNÍS), (November 2014).

Postdoc Application Reviewer, Research Foundation Flanders (FWO), (March 2015).

Report Reviewer, *Measuring respirator use in the workplace*. Washington, DC: The National Academies Press (August–September 2006).

Report Reviewer, Measuring what we spend: Toward a new Consumer Expenditure Survey.

Washington, DC: The National Academies Press (June–July 2012).

Member, Program Review of the National Immunization Survey (NIS) and State and Local Area Integrated Telephone Survey (SLAITS), National Center for Health Statistics, Hyattsville, Maryland (November 2007–January 2008).

Member, Center for Scientific Review, Population Sciences and Epidemiology Integrated Review Group, Social Sciences and Population Studies B Study Section, National Institutes of Health (2012–2016).

External blind reviewer for faculty promotion and tenure: Harvard Medical School (2011; 2014); Mayo Clinic (2004); University of Michigan (2005; 2014-2 candidates; 2015); University of Minnesota (2004; 2011); University of Nebraska (2012); Rutgers University (2013; 2014); University of Massachusetts Boston (2016-2 candidates).

Member, Social, Political and Communication Sciences Expert Review Panel, Research Foundation Flanders (FWO), (2016-2018).

Advisory/Expert Panel Service

Member, Methods Subcommittee of American Medical Association's National Health Index Advisory Committee (1998).

Member, Teen Substance Abuse Survey Advisory Board, National Center on Addiction and Substance Abuse at Columbia University (1999–2012).

Member, Expert Panel for the *Conference on measurement issues in health disparities research in the U.S.* Sponsored by the Center for Aging in Diverse Communities, University of California at San Francisco, May 10–11, 2001.

Member, Review Committee, Iowa Social Science Institute, University of Iowa (March–April 2002).

Member, Expert Consultant Panel, National Survey on Drug Use and Health (NSDUH), Substance Abuse and Mental Health Services Agency, College Park, Maryland (September 12, 2002).

Member, Illinois Prevention Research Center Community Advisory Committee, University of Illinois at Chicago Institute for Health Research and Policy (September 2004–2008).

Member, Scientific Advisory Committee, Center for Reducing Risks in Vulnerable Populations College of Nursing, University of Illinois at Chicago (October 2004– September 2008).

Member, External Review Committee, Survey Research Center, Pennsylvania State University (April 2005).

Member, External Review Committee, Institute for Survey Research, Temple University (September 2006).

Member, Committee on Social Security Representative Payees. The National Academies (May 2005–September 2007).

Member, Evaluation Oversight Committee (EOC) for the NCI Community Cancer Centers Program (NCCCP). National Cancer Institute (2007-2010).

Member, Expert Consultants Panel, National Survey on Drug Use and Health (NSDUH) Biological Specimen Meeting, Substance Abuse and Mental Health Services Agency, Gaithersburg, Maryland (June 20, 2007).

Chair, Evaluation Working Group, Centers for Population Health and Health Disparities, National Institutes of Health (2009–2014).

Member, National Survey of Children's Health (NSCH) Technical Expert Panel (TEP), Health Resources and Services Administration (2016).

Member, OSH/EPI External Peer Review of the National Youth Tobacco Survey (NYTS), CDC Office on Smoking and Health (2016).

Professional Association Service

American Statistical Association (ASA)

Member, U.S. Census Advisory Committee of Professional Associations, American Statistical Association Representative (2002–2008).

Chair, U.S. Census Advisory Committee of Professional Associations (2008).

Association of Academic Survey Research Organizations (AASRO)

Chair, Education and Advocacy Committee, Association for Academic Survey Research Organizations (2009–12).

Communications Coordinator (2012–13).

Conference Chair (2013–14).

Vice-President/President/Past-President (2015–17).

American Association for Public Opinion Research (AAPOR) Member,

AAPOR Student Paper Award Committee (1992–93).

Member, Conference Committee (1997, 2000–02, 2004–06); Subcommittee on Cross-Cultural Research (2011).

Member, Standards Committee Subcommittee/Task Force on IRB Issues (2002-04).

Member, Standards Committee (2010–15).

Standards Chair/Associate Standards Chair (2010–12).

Member, Public Opinion Quarterly Advisory Committee (2011–12).

Member, AAPOR Survey Refusal Task Force (2011–14).

Chair, AAPOR Transparency Initiative Coordinating Committee (2012–present).

Member, Standard Definitions Committee (2013–16).

Member, AAPOR By-laws Review Committee (2013-15).

Member, AAPOR Code Review Committee (2013–15).

Member, Ad Hoc Committee on the "Common Rule" Notice of Proposed Rulemaking (NPRM) (2015).

Vice President/President/Past President (2016–19).

Midwest Association for Public Opinion Research (MAPOR) Vice

President/President/Past President (2009–12).

World Association for Public Opinion Research (WAPOR)

Member, Janet A. Harkness Student Paper Award Committee (2012–15). Professional Standards Chair (2014-16).

Conference Organization Service

Member, Steering Committee, 8th Conference on Health Survey Research Methods (2002–2004). Member, Steering Committee, Interviewer Falsification Summit, Ann Arbor, MI (April 2003).

Member, Organizing Committee, Sheth Foundation/Sudman Symposium on Cross-Cultural Survey Research. Urbana, IL (September 2003–October 2004).

Member, Steering Committee, 9th Conference on Health Survey Research Methods (2006–2007).

Chair, Steering Committee, 10th Conference on Health Survey Research Methods (2007–2011).

Site Coordinator, 5th International Workshop on Comparative Survey Design and Implementation, Chicago, March 29–31, 2007.

Member, Organizing Committee, International Conference on Survey Methods in

Multinational, Multiregional, and Multicultural Contexts (3MC), Berlin, June 25–29, 2008, (2006–2008)

Member, Organizing Committee, International Conference on Methods for Surveying and Enumerating Hard-to-Reach Populations, New Orleans, October 31–November 3, 2012 (2010–2012).

Member, Organizing Committee, 10th International Workshop on Comparative Survey Design and Implementation, Washington, D.C., March 22–24, 2012.

Member, Organizing Committee, 11th International Workshop on Comparative Survey Design and Implementation. Stockholm, Sweden, March 2013.

Member, Organizing Committee, 12th International Workshop on Comparative Survey Design and Implementation, Bethesda, MD, March 2014.

Member, Program Committee, Workshop on Big Data and Urban Informatics, Chicago, August 2014. Member, Organizing Committee, Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016 (2013–16).

UNIVERSITY/COLLEGE/DEPARTMENTAL SERVICE

Member, UIC Institutional Review Board (behavioral), March 1998–present; Vice-Chair, October 1998-present.

Member, Research Expenditure Credit Task Force, Office of the Vice Chancellor for Research, March—May 1999.

Member, UIC Human Subjects Protection Steering Committee, Office of the Vice Chancellor for Research, 1999–2000.

Member, Dean's Search Committee, College of Urban Planning and Public Affairs, February–December 2001

Member, Federal Priorities Task Force, Office of the Chancellor, 2001–2003.

Chair, SRL Faculty Search Committee, 2001–02.

Member, Ferber Dissertation Award Selection Committee, University of Illinois at ChampaignUrbana, 2001–present.

Member, Sudman Dissertation Award Selection Committee, University of Illinois at Champaign-Urbana, 2001–present.

Member, Ph.D. Program Review and Evaluation Committee, Public Administration Program, 2001–2003. Chair, Tuition Differential Implementation Committee, College of Urban Planning and Public Affairs, 2004–05.

Member, Search Committee, Division Director, Community Health Sciences, School of Public Health, 2004–05.

Paper preparer for tenure and/or promotion: Young Ik Cho (2008-09); Karen Mossberger (2008–09); Rebecca Hendricks (2012–13); Eric Welch (2013–14).

Member, Search Committee, Biostatistician, Cancer Center, 2004–05.

Member, CUPPA Promotion & Tenure Committee, 2004–12, 2014-15.

Member, Search Committee, Director of Office for the Protection of Research Subjects, Office of the Vice Chancellor for Research, UIC, 2006.

Chair, CUPPA Committee on Faculty Development, 2006–07.

Member, Advisory Committee, Naomi Morris Collaborative, Division of Community Health Sciences, School of Public Health, 2005-08.

Member, Policy Committee, Public Administration Program, CUPPA, 2005–08.

Member, UIC Research Advisory Committee, 2006–07.

Member, Search Committee, Vice Chancellor for Research, UIC, 2008–09.

Chair, Search Committee, Director, Urban Transportation Center, CUPPA, 2008–11; 2015-16.

Member, Search Committee, Provost and Vice Chancellor for Academic Affairs, UIC, 2010–11.

Member, Faculty Senate, UIC, 2012–15.

Member, Campus Promotion & Tenure Committee, UIC, 2012–18; Co-Chair, 2015-16.

Member, Public Administration Faculty Advisory Committee, UIC, 2014-15.

Member, Search Committee, Director, Institute for Research on Race and Public Policy, 2015.

COMMUNITY SERVICE

Scoutmaster (2004-2009) and Assistant Scoutmaster (2003, 2009-2014), Boy Scout Troop 46, Glen Ellyn, IL.

TEACHING EXPERIENCE AT UIC

Courses taught:

BSTT 440 – Sample Design and Estimation, Spring 2003.

IPH 594 – Methodologic Dimensions in Cross Cultural Research (co-taught with L. Sharp), Fall 2010.

PA 540 – Conceptualizing Research: Principles of Scientific Inquiry, Spring 2002.

PA 541 – *Advanced Data Analysis I*, Spring 1997, 1998, 1999, 2000, 2001.

PA 542 – Advanced Data Analysis II, Spring 2004.

PA 576 – Applied Survey Sampling, Fall 2011, 2013.

PA 579 – Practicum in Survey Research, Spring 2007, Fall 2011, Fall 2013, Spring 2014.

PA 581 – Cross-Cultural Survey Measurement, Spring 2005, 2007, 2009, 2011.

PA 582 – Survey Data Collection Methods, Spring 2008.

PA 584 – Internet Surveys, Spring 2006, 2008, Fall 2009, Spring 2011.

PA 587 – Seminar in Special Issues in Survey Methodology (Behavior Coding), Spring 2006.

PA 587 – Seminar in Special Issues in Survey Methodology (Organizational Surveys), Spring 2009.

PA 587 – Seminar in Special Issues in Survey Methodology (Applied Survey Sampling), Fall 2009.

PA 588 – Survey Data Reduction and Analysis, Spring 2005, 2007, Fall 2011, 2013.

PA 588 – Applied Survey Sampling and Analysis, Fall 2014, 2015.

PA 593 – Independent Research in Public Administration, Spring 2012, Spring 2013, Spring 2014.

PA 594 – Survey Research Methods, Fall 1998.

PA 594 – *Analyzing and Reporting Results from Survey Data* (co-taught with A. Holbrook & M. Krysan), Fall 2008.

SOC 409 – *Evaluation Research* (co-taught with Richard Warnecke), Spring 1992, 1993.

SOC 501 – *Chicago Area Study* (co-taught with M. Krysan & A. Holbrook), Spring 2008.

Workshops/Webinars taught at the University of Illinois (Chicago and/or Urbana-Champaign):

Evaluation Research Methods —Spring 1994

Secondary Analysis of Survey Data — Fall 1994, Fall 1995

Analysis of Survey Data — Fall 1998, Spring 1999 (2)

Cross-Cultural Survey Methods — Spring 1999 (2), Fall 2001, Spring 2002, Fall 2005, Spring 2006, Fall 2007, Spring 2008, Fall 2011, Spring 2012, Spring 2016.

Ethical Issues in Survey Research — Fall 1999, Spring 2000, Fall 2001, Spring 2002, Fall 2009, Spring 2010, Fall 2011, Fall 2013, Spring 2014, Spring 2015

Cognitive Methods in Survey Research — Fall 1999

Protecting Patients and Individuals from Research Risks (with Tom Prohaska) — Spring 2000

Detection and Prevention of Data Falsification in Survey Research (with Cayge Clements and Vincent Parker) — Spring 2001

Selecting Socioeconomic Measures for Survey Research — Summer 2002, Fall 2003, Spring 2004 Questionnaire Design — Fall 2002

Organizational Surveys – Fall 2008

Survey Nonresponse and Nonresponse Bias – Fall 2013

Survey Sampling, ST&E Policy Lab Research Methods Seminar – March 31, 2010
 Introduction to Web Surveys – Fall 2010, Spring 2011, Fall 2012, Spring 2013, Fall 2014, 2015
 Measurement in Health Survey Research, CCTS 2012 Summer Program in Clinical and Translational Research Methods – July 2012, July 2013, July 2014, July 2016.

DISSERTATION COMMITTEE SERVICE

Current:

Janine Lewis, Community Health Sciences, *Stress measurement in African-American women: An analysis and refinement of the PRAMS Stressful Life Events Scale*, appointed October 2008.

Steve Sullivan, Biology, Interactions and influences in the urban game park, appointed April 2009.

Leonor Vanik, *Through my eyes*, *yours and theirs: Juxtaposing space within a Disability Lens*, Urban Planning, appointed 2012.

Keith Atterberry, Criminal Justice, appointed October 2012.

Hale Thompson, Community Health Sciences, appointed January 2013.

Kathleen M. Vetter, *State-level factors that affect post-partum contraceptive use among low income women*, Community Health Sciences, appointed March 2013.

Yi Li, *The synergy of migration, perceived social support and intimate partner violence on depression of HIV positive women in Ruili, China*, Epidemiology & Biostatistics, appointed April 2013.

Ginnifer Mastarone, *An examination of ehealth literacy and health information technology among persons with brain injury*, Communications, appointed July 2013.

Jana Hirschtick, *Associations between police encounters and mental health status in* Chicago, Epidemiology, appointed March 2013.

Adriane Stoner, Communications, appointed March 2014.

Ping Ji, *Risk behaviors for personally acquiring foodborne diseases in the domestic environment in people living with HIV in China*, Health Policy and Administration, appointed January 2015.

Vida Henderson, *Exploring the association between psychological well-being and use of wellwoman visits/preventive services in midlife African-American women*, Community health Sciences, appointed October 2015.

Fredrik Langi, *Analysis of survey data with non-ignorable missing covariates*, Biostatistics, appointed March 2016.

Priyoth Kittiteerasack, Nursing, appointed March 2016.

Completed:

Darlene Turner, Community Health Sciences, *Placement status*, *health status of foster children and the utilization of health care services by foster families*, completed June 1997.

Laura Anderko, Community Health Sciences, *The association between self-reported cancer history and social indicators in American adult women*, completed July 1997.

Jonathan Van Geest, Sociology, *Pathways to the street: Vulnerability of homelessness in America*, completed October 1997.

Young Ik Cho, Sociology, *The effects of adult roles on women's drinking*, completed December 1998.

Manorama Khare, Community Health Sciences, *Predictors of breast feeding behavior*, completed July 1999.

Katherine Lind, Sociology, *Misconceptions about HIV transmission via casual contact: A sociological analysis of predictors and trends*, completed October 1999.

- Barbara Giloth, Community Health Sciences, *Examining the effects of a chronic disease* selfmanagement program on selected health outcome variables, completed February 2000.
- Richard Herrell, Epidemiology, *Chronic fatigue and its psychiatric comorbidity in three minority populations*, completed December 2000.
- Nancy Bates, Community Health Sciences, *An evaluation of a stage of change nutrition intervention in Latino families with young children*, completed September 2001.
- Charles LeHew, Public Administration, *Theories of alliance formation and operation: An integrative analysis of four community interventions to promote cancer control*, completed September 2001.
- Patricia Humbles, Nursing, Aspirin use for primary and secondary prevention of an acute myocardial infarction in a worksite health promotion program, completed April 2002.
- Sean Malinowsky, Public Administration, *Measuring sub-cultural tolerance of police corruption and determining the predictive value of individual characteristics*, completed February 2003.
- Janine Jurkowski, Community Health Sciences, *Cardiovascular disease-related preventive and screening behaviors: Differences among Latinas and between Latinas and non-Hispanic Black and White women* (Committee Chair), completed April 2003.
- Nancy Harris, Nursing, *Perspectives of nurse managers on nurse-to-nurse abuse*, completed October 2003.
- Aimee Callanan, Social Work, *Lesbian intimate partner violence: An examination of relationship dynamics and alcohol use*, completed October 2004.
- Garry Bombard, Urban Planning, *The effectiveness of detective training in forensic DNA evidence: A hierarchical formative evaluation*, completed January 2005.
 - Wendy Bostwick, Community Health Sciences, *Sexual identity, stigma and alcohol use among college women*, completed May 2005.
- Italia Rolle, Community Health Sciences, *Dietary patterns and known predictors of chronic disease among women of childbearing age*, completed September 2005.
- Joanne Howard, Public Administration, *Abbott v. Burke: A historical analysis of school finance reform in New Jersey*, completed March 2006.
- Joanne Kouba, Community Health Sciences, *Dietary quality, nutritional and health status in Hispanic adolescents*, completed August 2006.
- Terry Solomon, Community Health Sciences, *African-American caregivers' age*, *social support*, *and the well-being of children in kinship foster care*, completed September 2006.
- Alicia Siston, Community Health Sciences, *Hepatitis A vaccination practices in the pediatric population of Chicago*, completed February 2007.
 - John Chrysostom Mukasa-Ssebaana, Public Administration, *Institutionalization of planned change in public child welfare organizations*, completed March 2007.
- Jeannie Concha, Community Health Sciences, *Mental health: Understanding its role in Type 2 diabetes within the context of Latino culture*, completed April 2007.
 - Lisa Kuhns, Community Health Sciences, *An assessment of the relationship of social stigma to suicidality among Latino gay and bisexual men and transgender individuals (GBT)*, completed May 2007.
 - Diana S. Grigsby-Toussaint, Epidemiology, *Neighborhood influences on childhood diabetes risk*, Community Health Sciences, completed July 2007.
 - Lori Harmon, Loyola University Chicago, Sociology, *Gender identity, minority stress, and substance use*, completed August 2007.
- April Oh, Community Health Sciences, *Understanding the role of neighborhood supports for physical activity: Examination of women in diverse communities in Chicago*, completed January 2008.
- Snigdha Srivastava, Urban Planning, *Information technology services industry: Employment, training, and regional workforce policy implications*, completed March 2008.
- Kelly E. Kinnison, Psychology, *The social ecology of lesbians' drinking: Considering the contexts of urban neighborhoods*, completed May 2008.
- Jane Burke-Miller, Community Health Sciences, *Urban community influences on psychological distress in African-American women: An ecosocial model*, completed May 2008.
- Jennifer Gray, Community Health Sciences, *Stress and coping of direct care workers serving adults with intellectual/developmental disabilities*, completed July 2008.

- Gregory Holyk, Political science, *United States leader and public support for multilateralism*, completed July 2008.
- Roberta Troxell, Community Health Sciences, *Indirect exposure to the trauma of others: The experiences of 9-1-1 telecommunicators*, completed September 2008.
- Iko Safika, Health Policy and Administration, *The influence of sex work venue on condom use among female sex workers in Senggigi*, completed October 2008.
- Frances Aranda, Nursing, *Coming out in color: The effects of level of outness on depression*, completed March 2010.
- Ritu Tripathi, Psychology, *Autonomy*, *motivation*, *and work outcomes: Self-determination theory from a cultural perspective*, completed May 2010.
- Eric Gebbie, Community Health Sciences, *Applicability of international disaster standards to displaced population care in the United States*, completed February 2011.
- Amy Herman-Roloff, Epidemiology & Biostatistics, *A study assessing the implementation of male circumcision as an HIV prevention strategy in Kenya*, completed May 2011.
- Geon Lee, Public Administration, *Effects of pay systems on the work attitudes of public managers in U.S. federal agencies* (Committee co-chair), completed June 2011.
- Nadia Sweis, Economics, *The economics of tobacco use in Jordan*, completed December 2011.
- Kelly Quinn, Communication, *Visible pathways: A life course perspective on technology use and relationship reconnection*, completed February 2012.
- Caryn Peterson, Epidemiology, *The survival disparity in Black and White women with ovarian cancer: The role of mediators and contextual factors*, completed March 2012.
- Stephanie Shapiro Berkson, Community Health Sciences, *Longitudinal school-based surveillance: Informing obesity prevention strategies*, completed April 2012.
 - Angela Yudt, Public Administration, *The changing nature of governance in the public research university: Untangling the web of faculty roles* (Committee Chair), completed February 2013.
- Yamini Jha, Public Administration, *Effects of collaborative networks on satisfaction of academic scientists in six fields of science and engineering*, completed March 2013.
- Matthew Westercamp, Epidemiology/Biostatistics, *Population-level impact of male circumcision program to prevent HIV infection: Kenya 2008–2011*, completed April 2013.
- Samsriyaningsih Handayani, Health Policy and Administration, *Factors influencing brothelbased female sex workers' self-perceived risk for HIV infection in Surabaya, Indonesia*, completed May 2013.
- Eunjung Shin, *Exclusive sharing of genetic materials in U.S. agricultural research: Antecedents and consequences*, Public Administration, completed November 2013.
 - Elena L. Navas-Nacher, *Second hand smoke exposure and cigarette smoking among Latino ethnocultural groups in the United States*, Community Health Sciences, completed November 2013.
- Marla Parker, *Social network determinants of self-perceived influence in organizational decisionmaking among minority and non-minority academic STEM faculty*, Public Administration, completed March 2014.
- Jennifer Dirkes, *Exploring the linkages among sexual identity development, stigma, and health in sexual minority women and Latino gay and bisexual men*, Community Health Sciences, completed April 2014.
 - Jennifer Benoit-Bryant, *A multi-level analysis of the issue of runaway youth: Precursors and Consequences* (Committee Chair), Public Administration, completed April 2014.
- Amanda Bennett, *Racial/ethnic disparities in breastfeeding and potential mediation by hospital practices*, Community Health Sciences, completed June 2014.
- David Sterritt, *The Self-Interested Public: Understanding the Role of Personal Interest in Americans' Policy Preferences*, Political Science, completed September 2014.
- Will Gartside, But it's only a game: Military-themed first person shooters and players' attitudes about war, Communications, completed May 2015.
- Adrian Brown, *E-Government in U.S. cities: Enabling engagement or reinforcing tradition?*, Public Administration, completed May 2016.

Yoo Mi Jeong, Validation of Korean version of Parental Depression Literacy Scale among Korean American parents with adolescent children, Nursing, completed May 2016.

Heather Limper, *Assessment of an aggregate electronic monitoring system to measure hand hygiene in a hospital setting*, Epidemiology, completed June 2016.

Julia Clark, Measuring the impact of volunteering on physical activity in older adults using longitudinal data from the Health and Retirement Study, Community Health Sciences, completed June 2016.

MASTER'S THESIS COMMITTEE SERVICE

Omar S. Abdo, Dentistry, *Effect of food texture on predictability of food avoidance in denture wearers*, completed March 2002.

Jennifer Walk, Epidemiology/Biostatistics, *Accuracy of cancer screening self-report in AfricanAmerican women at a health maintenance organization*, completed November 2005.

Pei-Pei Lei, Sociology, Race, education and extreme response style, completed May 2010.

Diógenes Lamarche, Sociology, *There is enough pie to go around: A cross-national analysis of public beliefs in reasons for inequality*, completed May 2010.

FUNDED RESEARCH

Understanding the Violent Victimization Experiences of Young Men of Color, Co-Investigator (H. McCoy, PI), National Institute of Justice, 1/16–12/17, Total award \$1,201,412.

Addressing Acquiescence: Reducing Survey Error to Promote Latino Health (1R01CA172283-01), Co-Investigator (R. E. Davis, PI), National Cancer Institute, 7/13-6/18, Total award \$2,624,172.

10th Conference on Health Survey Research Methods (1R13CA156961-01), Principal Investigator, National Cancer Institute, 5/11–4/12, Total award \$10,000.

10th Conference on Health Survey Research Methods (1R13HS019081-01), Principal Investigator, Agency for Healthcare Research and Quality, 5/10–4/11, Total award \$50,000.

Center for Population Health and Health Disparities (NCI 2P50 CA106743), Co-investigator (Richard Warnecke, PI), National Institutes of Health, 7/10–6/15, Total award \$2,024,261.

Cumulative Stress and Hazardous Drinking in a Community Sample of Adult Lesbians (R01 AA1332802), Co-investigator (Tonda Hughes, PI), National Institute on Alcoholism and Alcohol Abuse, 5/09–4/14, Total award \$1,479,780.

Predicting Occurrence and Minimizing Negative Impacts of Survey Research (1R21NR010595), Coinvestigator (S. M. Labott, PI), National Institutes of Health, 9/09–8/11, Total award, \$242,177. Center for Clinical and Translational Science (U54RR025214-01), Associate Director, Evaluation & Tracking (Theodore Mazzone, PI), National Institutes of Health, 4/09–8/14, Total award, \$21,500,000. Cultural Variability in Patient Responding to Survey Measures (63842), Principal Investigator, Robert Wood Johnson Foundation, 2/08–1/09, Total award \$99,940.

Racial/Ethnic Variability in Health Survey Question Processing and Response Behavior (1R01HD053636-01A1), Principal Investigator, National Institutes of Health, 8/07–7/10, Total award, \$1,251,971.

Cultural Variability in Survey Question Processing and Response Behaviors (SES0550559), CoInvestigator (Allyson Holbrook, PI), National Science Foundation, 8/07–7/09, Total award, \$550,000. Treatment Effectiveness among Priority Populations and the Impact of Increasing Priority Populations on the Treatment of Nonpriority Populations (RWJF-SAPRP62626), Co-investigator (Young Ik Cho, PI), Robert Wood Johnson Foundation, 8/07–7/08. Total award, \$99,000.

Rural Older Adults: Oral Health, Diet and Quality of Life (R01 DE17092-08), Co-investigator (Sara Quandt, PI), National Institutes of Health, 2/05–1/09, Total award \$10,981.

Center for Population Health and Health Disparities (P50 CA 106743-01), Co-investigator (Richard Warnecke, PI), National Institutes of Health, 9/03–6/08, Total award \$1,495,013.

Jane Addams Substance Abuse Research Collaboration (R01 DA13943), Co-investigator (Larry Bennett PI), National Institute on Drug Abuse, 2/03–1/05, Total award \$53,771.

Workplace Harassment, Service Utilization, and Drinking (R01 AA13332-01), Co-investigator (Kathleen Rospenda, PI), 7/02–6/05, Total award \$621,192.

Sexual Identity and Drinking: A Longitudinal Follow-Up (2R01AA013328-05A2), Co-investigator (Tonda Hughes, PI), National Institute on Alcoholism and Alcohol Abuse, 6/02–5/06, Total award \$3,038,172. *Illinois State Treatment Needs Assessment Program*, Principal Investigator, Center for Substance Abuse Treatment, 10/01–9/04, Total award \$590,864.

Substance Use among Illinois Adults, Principal Investigator, Illinois Office of Alcoholism and Substance Abuse, 7/01–6/02, Total award \$70,274.

Patterns and Correlates of Substance Abuse Treatment Need and Utilization among Youth Entering Correctional Facilities, Principal Investigator, Caliber Associates National Evaluation Data Services (NEDS), 1/02–8/02, Total award \$92,679.

Work and Well-Being, Waves 3–5 (RO1 AA 09989-06), Co-investigator (Judith Richman, PI), National Institute on Alcohol Abuse and Alcoholism, 8/00–4/04, Total award \$389, 059.

Needs Assessment of the Homeless in Metropolitan Chicago, Co-investigator (Janet Smith, PI), Chicago Community Trust, 7/00–12/01, Total award \$187,522.

Feasibility and Use of Biological Measurement in Drug Surveys—Administrative Supplement, Coinvestigator, (Michael Fendrich, PI), National Institute on Drug Abuse, 10/00–3/03, Total award \$310,763.

Feasibility and Use of Biological Measurement in Drug Surveys, Co-principal Investigator (Michael Fendrich, PI), National Institute on Drug Abuse, 4/00–4/03, Total award \$1,355,097.

Improving the Validity of Self-reports of Cancer Screening, Co-principal Investigator (Seymour Sudman, PI), National Cancer Institute, 8/99–7/01, Total award \$488,038.

Guidelines for Improving Access to Interview Surveys for Persons with Disabilities, Principal Investigator, National Center for Health Statistics, 5/99–4/00, Total award \$25,000.

Information Seeking and Treatment Participation of Cancer Patients (RO1 CA 77525), Co-investigator (Alicia Mathews, PI), National Cancer Institute, 8/99-7/03, Total award \$262,127.

A National Survey of Primary Care Physicians and Their Patients Regarding Substance Abuse and Addiction, Principal Investigator, National Center on Addiction and Substance Abuse at Columbia University, 7/98–10/99, Total award \$146,783.

Using Cognitive Interviews to Improve Drug Use Reports, Principal Investigator, National Institute on Drug Abuse, 9/95–8/98, Total award \$805,927.

Prevention Center Behavioral Risk Factor System (BRFSS) Network, Year 2, Principal Investigator, Centers for Disease Control and Prevention, 9/97–9/98, Total award \$9,490.

Drug and Alcohol Survey of Medicaid Recipients, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 7/97–6/01, Total award \$327,901.

Statewide Drug and Alcohol Survey, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 4/97–6/01, Total award \$304,026.

Drug and Alcohol Survey of Illinois Office of Mental Health Patients, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 7/97–6/01, Total award \$107,710.

Probationer Substance Abuse Treatment Survey, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 7/97–6/01, Total award \$254,494.

Cognitive Functioning of Elderly Survey Respondents, Co-investigator (Seymour Sudman, PI), National Center for Health Statistics, 9/96–8/97, Total award \$24,994.

Prevention Center Behavioral Risk Factor System (BRFSS) Network, Principal Investigator, Centers for Disease Control and Prevention, 9/96–9/97, Total award \$5,909.

New Mothers Social Network Study, Co-investigator (Michelle Kelley, PI), Centers for Disease Control and Prevention, 9/96–9/97, Total award \$33,000.

Mental Health Service Utilization among Adolescents, Co-investigator (Michael Fendrich, PI), UIC Department of Psychiatry, 9/96–8/97, Total award \$10,396.

Harassment, Gender, and Drinking: An Epidemiologic Study, Co-investigator (Judith Richman, PI), NIAAA, 5/95–4/98, Total award \$199,250 (in FY 96–97).

The Influence of Social Networks on Use of Prenatal Care, Co-investigator (Michelle Kelley, PI), Agency for Health Care Policy and Research, 9/95–8/96, Total award \$76,499.

Strategies for Smoking Cessation by Low-Educated Women, Co-investigator (Richard Warnecke, PI), National Cancer Institute, 5/93–4/97, Total award \$815,439.

Illinois Comprehensive Substance Abuse Study, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 12/92–6/94, Total award \$250,000.

Cognitive Aspects of Reporting Cancer Prevention Examination and Tests, Co-principal Investigator (Seymour Sudman, PI), National Center for Health Statistics, 10/91–12/93, Total award \$178,559.

Substance Use among Inmates in the Illinois Correctional System, Principal Investigator, Treatment Alternatives for Special Clients, Inc., 1/94–9/94, Total award \$70,059.

Analysis of Substance Use among the Homeless in Cook County, IL, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 8/91–9/91, Total award \$9,131.

Survey of Substance Use among DCFS Parents, Principal Investigator, Illinois Department of Children and Family Services, 1/94–6/94, Total award \$30,755.

Analysis of Substance Use in the Adult Population of Illinois, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 10/91–9/92, Total award \$10,517.

Minority Populations' Understanding of Health Questions, Principal Investigator, National Center for Health Statistics, 10/92–9/95, Total award \$371,467.

Cognitive Interviewing Study of Racial Identification, Principal Investigator, National Center for Health Statistics, 9/94–8/95, Total award \$25,000.

Substance Use among Homeless and Transient Persons in Cook County, Principal Investigator, Illinois Department of Alcoholism and Substance Abuse, 6/90–3/91, Total award \$104,572.

NYTS External Peer Review, page $\bf 92$ of $\bf 130$

William M. Ward, Ph.D.

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Email: William.Ward@ed.gov

EDUCATIONAL BACKGROUND

1997	Ph.D., Experimental Psychology, The University of Tennessee, Knoxville.
1337	This, Experimental rayenology, the University of Tellicosee, Knoxyme,

Dissertation: The Influences of Openness to Experience and Reflection-in-Action Upon

the Attainment of Legal Expertise.

1989 Bachelor of Arts in Psychology

Southern Methodist University

Dallas, Texas

1984 General Diploma

Bishop O'Connell High School

Arlington, Virginia

WORK EXPERIENCE

2008 – present: Statistician

National Center for Education Statistics

U.S. Department of Education.

NAEP Sampling and Data Collection Manager Position Responsibilities:

- Coordinate and monitor the sampling frame and procedures for all NAEP (National Assessment of Education Progress) assessments that can include over 20,000 schools and one million students in a single testing year.
- Coordinate and monitor the data collection activities for all NAEP assessments.
- Coordinate and monitor the NAEP e-filing system of individual school student lists.
- Coordinate and monitor the weighting of NAEP student results prior to final analysis and reporting.
- Provide support to the Program Director in other areas of assessment operations, particularly the design and development of assessment background questionnaires, including student, teacher, school and administrative forms.
- Provide technical advice to the Program Director, Deputy, and Associate
 Commissioner on issues of assessment sampling and data collection. Act as
 the Contracting Officers' Technical Representative (COTR) for NAEP sampling and
 data collection.

Assist the Program Director in ensuring the appropriateness, relevance, and
usefulness of special studies to improve the design and efficiency of the assessment
programs.

2007 - 2008: Senior Project Director

Assessment Services Division

Evaluation Systems group of Pearson.

General Characteristics:

Management position within the Assessment Services Division. Designs and plans
licensing test development projects and ongoing testing programs both of which
involve work that is directly related to the general business operations of the
company and its clients. Guides the implementation of all project activities that
requires the exercise of discretion and independent judgement with respect to matters
of significance. Serves as a major technical resource to project staff and clients.
Supervises project staff. Directs two or more projects.

Primary Responsibilities:

- Produces long-term project plans (e.g., project specification packages, client planning documents).
- Monitors and reviews short-term project plans (e.g., weekly objectives, short-term production schedules).
- Designs, guides the development of, and reviews all major project components.
- Recommends project staffing plans and approves the delegation/assignment of project responsibilities.
- Guides, reviews and maintains quality control on all major project products (e.g., reports, tests).
- Maintains client contact and conducts client negotiations exclusive of major corporate/contract matters.
- Ensures effective staffing, organization, and coordination of all project tasks.
- Analyzes and resolves problems arising from management of multi-faceted projects; maintains communication with Senior Area Director on status and progress of projects.
- Travels on behalf of the organization, conducting project-related conferences, planning meetings, and workshops; represents the company in major external affairs (e.g., professional conferences).
- Supervises staff in the implementation of all project activities.
- Assumes other duties, as needed.

2004 - 2007: Project Director

Assessment Services Division

Evaluation Systems group of Pearson.

Test Development Duties and Responsibilities:

- Prepare internal and external planning documents for each task in the test development process;
- Work with various NES departments to prepare test development materials for conferences;
- Work with the Committee Recruitment Group to help ensure that an appropriate number of qualified committee members are recruited for each test field;
- Facilitate bias and content committees of educators in the review of test development materials;

- Assist, as needed, in the packing, shipping, and return log-in of conference test materials:
- Communicate with clients, as needed, on the status of test development tasks;
- Supervise project staff on various test development activities;
- Review draft test frameworks and items for overall quality and for degree to which they reflect state and national standards; and
- Assist in the preparation of test development reports (e.g., content validation surveys, field tests, passing score reviews, and test development technical reports).

Test Administration Duties and Responsibilities:

- Assist in new test form blueprinting;
- Assist in the review of special accommodation requests and the test materials that are needed to meet these requests;
- Assist in reviewing test administration scoring timelines;
- Review Preliminary Item Analysis statistics / examinee item comments and decide final scorability status of items at each test administration;
- Assist in reviewing test equating analyses;
- Assist in score report quality control checking;
- Review draft letters to examinees written by Test Administration Services staff to ensure letters are accurate and technically correct; and
- Prepare Test Administration Annual Technical Reports for projects that require such reports.

2002 - 2004: Assistant National Projects Director
AmeriCorps*National Civilian Community Corps
Corporation for National and Community Service.

Principle objectives: supports the National Projects Director in ensuring that the service projects accomplished by AmeriCorps*NCCC are of the highest possible quality, and that they meet the Corporation for National and Community Service (CNCS) criteria for acceptable service: a compelling need is addressed through meaningful, sustainable work that provides measurable benefits to both the community and to the AmeriCorps members. This support involves the formulation, implementation, and management of policies involving service project development, approval, and documentation, both at the campuses and AmeriCorps*NCCC headquarters. Develops, implements, manages, and evaluates the automated Project Management Information System (PMIS), necessary for the management of data relevant to AmeriCorps*NCCC projects being conducted by all campuses.

Duties and responsibilities:

- complete initial review of Project Applications and Project Approval Worksheets as they arrive at AmeriCorps*NCCC headquarters from the campuses;
- facilitate resolution of problems and questions concerning project applications; bring issues to the attention of appropriate AmeriCorps*NCCC headquarters staff members and/or staff members of other AmeriCorps/CNCS programs for their consideration;
- make specific recommendations regarding project approval to the National Projects Director;
- serve as reviewing/approving authority in the absence of the National Projects Director or as needed;

- assist campus staff members in developing and maintaining a system for tracking the flow of project related data;
- serve as liaison among campuses to help share lessons learned, best practices;
- monitor participation of AmeriCorps*NCCC corpsmembers and staff in national disaster response efforts. Correlate disaster response assignments with normal service project activities, adjusting reports and schedules as required;
- visit each of the 5 campuses at least twice each year to confirm that all project documentation issues are identified, to confirm that all potential problems involving project documentation and year end reports are identified and resolved, and to review overall project operations at the campus and work sites;
- develop material and conduct project documentation / PMIS training sessions for AmeriCorps*NCCC headquarters and campus staff;

- coordinate project data collection from all AmeriCorps*NCCC campuses, and integrate this information into the central PMIS database; monitor progress of data entry process at campuses, providing technical assistance as needed; review and edit the entered data, and share edited material with the campuses;
- conduct ongoing review, analysis, and revision of the PMIS database, exercising initiative to
 ensure that maximum managerial benefit is achieved by the AmeriCorps*NCCC headquarters and
 campuses;
- facilitate / coordinate the sharing of information regarding AmeriCorps*NCCC service projects with AmeriCorps*State and National, AmeriCorps*VISTA, and other CNCS programs;
- coordinate AmeriCorps*NCCC PMIS management with other data collection and analysis
 activities within CNCS. Serve as the AmeriCorps*NCCC liaison with the CNCS Office of
 Information Technology;
- retrieve information from the database and generate reports as requested by AmeriCorps*NCCC staff, CNCS staff, or other appropriate agencies / individuals (e.g., Congressional inquiries);
- prepare AmeriCorps*NCCC weekly team deployment reports, confirming that all teams are involved in projects that are approved and recorded in the PMIS database. Disseminate deployment report to appropriate CNCS program managers, senior staff, and State Offices and Commissions; and
- maintain appropriate project records at AmeriCorps*NCCC headquarters.

1998 – 2002: Evaluation Specialist

Department of Research and Policy Development (formerly the Office of Evaluation) Corporation for National and Community Service.

Principle objective: serve as a project manager for numerous program evaluations with a focus on impact evaluations, effective practice studies, and policy research.

Duties and responsibilities:

- project manager for a variety of evaluation efforts, including both traditional and innovative evaluation approaches;
- manage grants, consultants, and contractors to ensure work is performed in accordance with the provisions of the grant / contract and in a methodologically and financially sound manner;
- serve on working groups tasked with defining evaluation questions and designing evaluations;
- work with staff from a variety of units to determine evaluation needs and priorities;
- work with training and technical assistance and program staff to ensure evaluation findings are used to improve program quality;
- prepare a variety of evaluation reports and briefings, including those required by senior management and Congress;
- provide advice and support to state service commissions regarding their ongoing evaluation activities; and
- represent the Corporation at evaluation conferences and workshops.

1997 - 1998 Research Associate

Office of Policy Research

Corporation for National and Community Service.

Duties and responsibilities:

advise the Director of the Office of Policy Research and Corporation senior management on statistical and methodological research issues related to the field of national and community service.

SELECTED REPORTS (ES)

- ICTS (Illinois Certification Testing System) Test Administration Statistics Technical Report (Fall 2006)
- ICTS Test Administration Statistics Technical Report (Fall 2005)
- CEOE (Certification Examinations for Oklahoma Educators) 2001-2006 Redevelopment Report (Summer 2007)
- CEOE Item Drift Study (Summer 2005)
- CEOE Field Test Data Report and Analysis (Spring 2005)
- ICTS Field Test Data Report and Analysis (Spring 2005)
- ICTS Basic Skills Test Scoring Model Study (Spring 2005)
- ICTS Content Validation Survey Report (Spring 2004)
- ICTS Field Test Data Report and Analysis (Spring 2004)
- NMTA (New Mexico Teacher Assessments) Content Validation Survey Report (Spring 2004)
- NMTA Field Test Data Report and Analysis (Spring 2004)
- CEOE 2003-2004 Administration Year Technical Report
- CEOE Field Test Data Report and Analysis (Spring 2004)
- CEOE Content Validation Survey Report (Spring 2004)

COMMITTEE FACILITATION (ES)

- FTCE Item Validation Meeting (5/21-23/08) primary facilitator
- FTCE Item Specifications Validation Meeting (5/19-21/08) primary facilitator
- FTCE Competency Finalization Meeting (5/12) primary facilitator
- FTCE Item Specifications Validation Meeting (5/5-7/08) primary facilitator
- FTCE Competency Finalization Meeting (5/2) primary facilitator
- FTCE Competency Validation Meeting (4/15-17/08) primary facilitator
- FTCE Item Specifications Validation Meeting (4/10-11/08) primary facilitator
- FTCE Competency Validation Meeting (4/5-6/08) primary facilitator
- FTCE Item Specifications Validation Meeting (2/28-29/08) primary facilitator
- FTCE Competency Development Meeting (2/25-27/08) primary facilitator
- FTCE Competency Finalization Meeting (2/22/08) primary facilitator
- FTCE Competency Development Meeting (2/19-21/08) primary facilitator
- FTCE Competency Validation Meeting (2/11-12/08) primary facilitator
- FTCE Competency Development Meeting (1/28-29/08) primary facilitator
- FTCE Test Information Guide Validation Meeting (12/3/07) primary facilitator
- FTCE Test Form Validation Meeting (11/13-16/07) primary facilitator
- FTCE Test Form Validation Meeting (11/6-9/07) primary facilitator
- MTTC (Michigan Tests for Teacher Certification) Passing Score Review Conference (10/30-31/07) primary facilitator
- CEOE Framework Review Conference (10/3/07) primary facilitator
- CEOE Passing Score Review Conference (10/4/07) primary facilitator
- CEOE Marker Response Selection Meeting (8/21/07) lead representative
- CEOE Item Review Conference (2/14-216/07) primary facilitator
- NMTA Item Review Conference (1/23/07) primary facilitator
- NMTA (New Mexico Teacher Assessments) Bias Review Conference (1/22/07)
 primary facilitator
 - GACE Item Review Conference (1/17/07) primary facilitator
- GACE (Georgia Assessments for the Certification of Educators) Bias Review Conference (1/16/07) primary facilitator
- ICTS Item Review Conference (11/14-15/06) primary facilitator
- ICTS Bias Review Conference (11/14/06) primary facilitator

- MTTC (Michigan Tests for Teacher Certification) Passing Score Review Conference (11/1/06) primary facilitator
- PLACE (Program Licensing and Accreditation for Colorado Educators) Item Review Conference (10/18-19/06) – primary facilitator
- PLACE Bias Review Conference (10/17/06) primary facilitator
- CEOE Framework Review Conference (10/4/06) primary facilitator
- CEOE Passing Score Review Conference (10/3/06) primary facilitator
- ICTS Passing Score Review Conference (6/21/06) primary facilitator
- CEOE Item Review Conference (2/22-23/06) primary facilitator
- CEOE Bias Review Conference (2/21/06) primary facilitator
- ICTS Item Review Conference (11/9-10/05) primary facilitator
- ICTS Bias Review Conference (11/9/05) primary facilitator
- CEOE Framework Review Conference (10/27/05) primary facilitator
- CEOE Bias Review Conference (10/27/05) primary facilitator
- CEOE Passing Score Review Conference (10/25-26/05) primary facilitator
- ICTS Item Review Conference (6/21/05) primary facilitator
- ICTS Passing Score Review Conference (6/20/05) primary facilitator
- CEOE Item Review Conference (3/8-9/05) primary facilitator
- CEOE Bias Review Conference (3/8/05) primary facilitator
- ICTS Item Review Conference (11/9-10/04) primary facilitator
- ICTS Bias Review Conference (11/8/04) primary facilitator
- CEOE Framework Review Conference (10/7/04) primary facilitator
- CEOE Bias Review Conference (10/7/04) primary facilitator
- CEOE Passing Score Review Conference (10/5-6/04) primary facilitator
- CEOE Marker Response Selection Meeting (9/14-15/04) primary facilitator
- ICTS Passing Score Review Conference (8/17-20/04) primary facilitator
- NYSTCE (New York State Teacher Certification Examinations) Framework Review Conference (5/27/04) – observer
- NYSTCE Item Review Conference (5/25-26/04) observer

FIELD TESTING (ES)

- MTEL (Massachusetts Tests for Educator Licensure) (7/24/04)
- NYSTCE (5/22/04)
- ICTS (5/10-14/04)
- NMTA (4/21-24/04)

TEST ADMINSTRATIONS (ES REPRESENTATIVE)

- MTEL North Adams, MA (7/24/04)
- NYSTCE S.U.N.Y./New Paltz, NY (5/22/04)

TEACHING EXPERIENCE

1998-2000

Adjunct faculty, Averett College. Assigned to teach graduate level introductory and applied psychology courses.

1995-1997

Adjunct faculty, Department of Psychology, Roane State Community College.

Taught up to two psychology courses per semester at the main and satellite campuses.

Adjunct faculty, Department of Social Sciences, Knoxville Business College. Taught introductory psychology course at the main campus.

1994-1995

Adjunct faculty, Department of Psychology, Pellissippi State Community College. Taught introductory psychology courses at the main and satellite campuses.

1993-1994

Adjunct faculty, University of Tennessee at Knoxville Evening School. Taught introductory and advanced (research methods, child development) psychology courses.

1990-1993

Graduate Teaching Assistant, University of Tennessee at Knoxville. Taught introductory and advanced (social psychology) psychology courses.

PROFESSIONAL ASSOCIATIONS

Member, American Evaluation Association (AEA). Member, American Psychological Association (APA). Member, American Educational Research Association (AERA). Member, American Society for Engineering Education (ASEE).

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Birth: Citizenship:

Date: March 22, 1943 USA

Place: Boston Massachusetts USA

Education:

University of Michigan, Ann Arbor Ph.D. in General Psychology, 1975
University of Michigan, Ann Arbor M.A. in Experimental Psychology, 1970

University of Massachusetts, Amherst B.A. in Psychology, 1967

Massachusetts Bay Community College A.A., 1965 Boston Latin High School Graduate, 1960

Professional Experience:

1975-present Research Professor/Senior Research Scientist (1992). Previously Assistant Research Scientist, and Associate Research Scientist, Survey Research Center, Institute for Social Research, University of Michigan. Co-Principal Investigator of the Monitoring the Future project, an ongoing study of American youth. The study is funded by the National Institute on Drug Abuse, and provides the nation with annual indicators of the use of licit and illicit drugs, and related attitudes and beliefs.

1997-2015 Co-Principal Investigator of Youth, Education, and Society Study, funded by the Robert Wood Johnson Foundation to assess the effect of state, community, and school-level policies, programs, and practices on adolescent health, with emphases on substance use and obesity.

2005-present Research Affiliate, Population Studies Center, Institute for Social Research, University of Michigan.

1994-1998 Member, Executive and Administrative Committee of the University of Michigan's Substance Abuse Research Center.

1977 Instructor for the Survey Research Center's Summer Institute, teaching a graduate level course on survey research methods.

1974-1976 Study Director, Survey Research Center. Served as Study Director for the fifth wave of the Youth in Transition Project. This project was a national mailquestionnaire survey of 1,600 young men, with major focuses on the causes and

consequences of educational attainment, and on the causes and consequences of illicit drug use.

1971 Teaching Fellow, Department of Psychology, University of Michigan. (Introductory Psychology)

National Committees:

1999-2002 Member (Chair, 1999-2002), Social Science, Nursing, Epidemiology, and Methodology Research Review Committee, National Institutes of Health.

- 1997-1999 Member (Chair, 1994-1995), Drug Abuse Epidemiology and Prevention Research Review Committee, National Institute on Drug Abuse.
- 1992-1995 Member, Advisory Board for the Robert Wood Johnson Foundation funded project "Substance Abuse Trends Monitoring."
- 2014-2015 Member, Committee on Health Implications of Raising the Minimum Age for Purchasing Tobacco Products.

 Board on Population Health and Public Health Practice, Institute of Medicine of the National Academies.

 (Resulting report: Bonnie, R.J., Stratton, K., & Kwan, L.Y. (Editors). *Public Health Implications of Raising the Minimum Age of Legal Access to Tobacco Products*. Washington DC: National Academy Press, 2015.)
- 1995-1996 Member, Committee on Opportunities in Drug Abuse Research, Board on Biobehavioral Sciences and Mental Disorders, Institute of Medicine and National Research Council, National Academy of Sciences.

 (Resulting report: *Pathways of Addiction: Opportunities in Drug Abuse Research*. Washington DC: National Academy Press, 1996.)
- 1993-1995 Member, Panel on Needle Exchange and Bleach Distribution, Commission on Behavioral and Social Sciences and Education, National Research Council and Institute of Medicine, National Academy of Sciences. (Resulting report: Normand, J., Vlahov, D., & Moses, L.E. (Editors). *Preventing HIV Transmission*. Washington DC: National Academy Press, 1995.)
- 1991-1993 Member, Committee on Drug Use in the Workplace, Commission on Behavioral and Social Sciences and Education, National Research Council and Institute of Medicine, National Academy of Sciences (Resulting report: Normand, J., Lempert, R.O., & O'Brien, C.P. (Editors). *Under the Influence? Drugs and the American Work Force*. Washington, DC: National Academy Press, 1994.)
- 1989-1991 Member, Committee on Drug Abuse Prevention Research, Commission on Behavioral and Social Sciences and Education, National Research Council, National Academy of Sciences. (Resulting report: Gerstein, D., & Green, L.W. (Editors). (1993). Preventing drug abuse: What do we know? Washington, DC: National Academy Press.)
- 1981-1986 Member, Advisory Board for the Center for the Study of Relations of Alcohol and Drugs to Crime. (Sponsored by the National Institute of Justice.)

International Activity:

- 1992 Consultant for the United States Agency for International Development in Bolivia, South America. One-week field trip to provide technical assistance in design of national student drug use surveys.
- 1991 Consultant for the United States Agency for International Development in Belize, Central America. Oneweek field trip to assess drug abuse assessment procedures.
- 1990 Consultant for the United States Agency for International Development in Bangkok, Thailand. One-week field trip to provide technical assistance in design of national student drug use surveys.
- 1978 Consultant to the National Institute for Health Research and Development (NIHRD) in Jakarta, Indonesia, for the United States Agency for International Development. Served as member of a three-person team whose objective was to help NIHRD improve the quality and efficiency of its survey research. Over an 8-week period, the team conducted workshops focusing on the design of a national household health survey.

Professional Affiliations:

Society for Prevention Research (1998-)

American Public Health Association (1997-2008) American Psychological Association (1975-1996) Society for the Psychological Study of Social Issues (19751996)

Professional Journals Reviewed for:

Academic Pediatrics; Addiction; Alcohol Research & Health; Alcohol; Alcoholism: Clinical and Experimental Research; American Journal of Preventive Medicine; American Journal of Public Health; American Journal of Psychiatry; American Journal of Sociology; American Sociological Review; Annals of Behavioral Medicine; Annals of Epidemiology; Archives of General Psychiatry; Contemporary Drug Problems; Contemporary Psychology; Criminology; Developmental Psychology; Drug and Alcohol Dependence; Health Education Quarterly; International Journal of Environment and Public Health; Journal of Abnormal Child Psychology; Journal of Adolescent Health; Journal of the American Medical Association; Journal of Consulting and Clinical Psychology; Journal of Health and Social Behavior; Journal of Personality and Social Psychology; Journal of Primary Prevention; Journal of Research in Personality; Journal of Research on Adolescence; Journal of Rural Health; Journal of Studies on Alcohol; Journal of Substance Abuse; Journal of Urban Health; Merrill-Palmer Quarterly; New England Journal of Medicine; Nicotine & Tobacco Research; Pediatric Drugs; PLoS ONE; Pediatrics; Prevention Science; Preventive Medicine; Psychological Reports; Psychological Medicine; Psychological Science; Public Health Reports; Public Opinion Quarterly; Science; Social Psychiatry and Psychiatric Epidemiology; Social Psychology Quarterly; Social Science & Medicine; Sociological Perspectives; Sociological Quarterly; Sociometry; Substance Abuse Treatment, Prevention, and Policy; Tobacco Control; Urban Education.

Professional Reviews Conducted for:

National Institute on Drug Abuse; National Institute on Alcohol Abuse and Alcoholism; National Institute of Child Health and Human Development; National Institute on Mental Health; National Heart, Blood, and Lung Institute; National Institute of Neurological Disorders & Stroke; U. S. Congressional Office of Technology Assessment; National Science Foundation; National Cancer Institute (Canada); Addiction Research Foundation (Ontario, Canada); National Academy of Sciences (Institute of Medicine); Robert Wood Johnson Foundation; Tobacco-Related Disease Research Program (California); U. S. Surgeon General's Report

Research Interests:

Epidemiology of drug use and abuse; Survey research methods; Survey research design and data analysis; Multivariate analysis of longitudinal data; Social issues and social problems; Causes and consequences of substance use and abuse; Epidemiology of obesity in adolescents.

PUBLICATIONS

Journals:

Cerdá, M., Wall, M., Feng, T., Keyes, K. M., Sarvet, A., Schulenberg, J., O'Malley, P. M., Pacula, R. L., Galea, S., & Hasin, D. S. (in review). State recreational marijuana laws and adolescent marijuana use.

Keyes, K. M., Wall, M., Cerdá, M., Schulenberg, J. E., O'Malley, P. M., Galea, S., Feng, T., Hasin, D. S. (in review). How does state marijuana policy affect U.S. youth? Medical marijuana laws, marijuana use and perceived harmfulness: 1991-2014.

Patrick, M. E., Couper, M. P., Laetz, V. B., Schulenberg, J. E., O'Malley, P. M., Johnston, L., & Miech, R. A. (in review). A sequential mixed mode experiment in the U.S. national Monitoring the Future Study.

Terry-McElrath, Y. M., O'Malley, P. M., & Johnston, L. D. (in review). Discontinuous patterns of cigarette smoking from age 18 to 50 among a U.S. national sample: A repeated-measures latent class analysis.

Terry-McElrath, Y. M., O'Malley, P. M., Johnston, L. D., Bray, B. C., Patrick, M. E., & Schulenberg, J. E. (in review). Repeated measures latent class analysis of marijuana use in a national sample: Predictors of class membership from age 18 through 45 and health outcomes at 50.

Cavazos-Rehg, P. A., Housten, A. J., Krauss, M. J., Sowles, S. J., Spitznagel, E. L., Chaloupka, F. J., Grucza, R., Johnston, L. D., O'Malley, P. M., & Bierut, L. J. (2016). Selected state policies and associations with alcohol use behaviors and risky driving behaviors among youth: Findings from Monitoring the Future study. *Alcoholism: Clinical and Experimental Research*, *40*(5), 1030-1036. doi:10.1111/acer.13041

Miech, R. A., O'Malley, P. M., Johnston, L. D., & Patrick, M. E. (2016). E-cigarettes and the drug use patterns of adolescents. *Nicotine & Tobacco Research*, *18*(5), 654-659. PMIDL 26416823. doi:10.1093/ntr/ntv217

Miech, R. A., Patrick, M. E., O'Malley, P. M., & Johnston, L. D. (2016). What are kids vaping? Results from a national survey of U.S. adolescents. *Tobacco Control*. NIHMSID796669. doi:10.1136/tobaccocontrol-2016-053014

Patrick, M. E., Miech, R. A., Carlier, C., O'Malley, P. M., Johnston, L. D., & Schulenberg, J. E. (2016). Self-reported reasons for vaping among 8th, 10th, and 12th graders in the US: Nationally-representative results. *Drug Alcohol Dependence*, 165. PMC4939118. doi:10.1016/j.drugalcdep.2016.05.017

Patrick, M. E., O'Malley, P. M., Kloska, D. D., Schulenberg, J. E., Johnston, L. D., Miech, R. A., & Bachman, J. G. (2016). Novel psychoactive substance use by US adolescents: Characteristics associated with use of synthetic cannabinoids and synthetic cathinones. *Drug and Alcohol Review*, *35*(5), 586-590. PMC4927404. doi:10.1111/dar.12372

Patrick, M. E., Schulenberg, J. E., & O'Malley, P. M. (2016). High school substance use as a predictor of college attendance, completion, and dropout: A national multi-cohort longitudinal study. *Youth and Society*, *48*(3), 425-447. PMC4847148. doi:10.1177/0044118X13508961

Terry-McElrath, Y., Maslowsky, J., O'Malley, P. M., Schulenberg, J. E., & Johnston, L. D. (2016). Sleep and substance use among US adolescents, 1991-2014. *American Journal of Health Behavior*, 40(1), 77-91. PMC4752178 doi: 10.5993/AJHB.40.1.9

Colabianchi, N., Griffin, J. L., Slater, S. J., O'Malley, P. M., & Johnston, L. D. (2015). The wholeof-school approach to physical activity: Findings from a national sample of US secondary students. *American Journal of Preventive Medicine*, 49(3), 387-394. PMC4546850. doi:10.1016/j.amepre.2015.02.012

Hasin, D. S., Wall, M., Keyes, K. M., Cerdá, M., Schulenberg, J., O'Malley, P. M., Galea, S., Pacula, R. L., & Feng, T. (2015). Medical marijuana laws and adolescent marijuana use in the USA from 1991 to 2014: Results from annual, repeated cross-sectional survey. *Lancet Psychiatry*, 2(7), 601-608. PMC4630811. doi:10.1016/S2215-0366(15)00217-5

- Keyes, K. M., Jager, J., Hamilton, A., O'Malley, P. M., Miech, R. A., & Schulenberg, J. E. (2015). National multi-cohort time trends in adolescent sensation seeking and the relation with problem behavior from 1976 to 2011. *Drug and Alcohol Dependence*. PMC4581913. doi:10.1016/j.drugalcdep.2015.06.031
- Maggs, J. L., Staff, J., Kloska, D. D., Patrick, M. E., O'Malley, P. M., & Schulenberg, J. E. (2015). Predicting young adult degree attainment by late adolescent marijuana use. *Journal of Adolescent Health*, *57*(2), 205-211. PMC4514914. doi: 10.1016/j.jadohealth.2015.04.028
- Miech, R. A., Johnston, L., O'Malley, P. M., Bachman, J. G., Schulenberg, J., & Patrick, M. E. (2015). Trends in use of marijuana and attitudes toward marijuana among youth before and after decriminalization: The case of California 2007-2013. *International Journal of Drug Policy*, *26*, 336-344. PMC4469374. doi:10.1016/j.drugpo.2015.01.009
- Miech, R., Johnston, L., O'Malley, P. M., Keyes, K. M., & Heard, K. (2015). Prescription Opioids in Adolescence and Future Opioid Misuse. *Pediatrics*, *136*(5), e1169-1177. PMC4834210. doi:10.1542/peds.2015-1364
- Schulenberg, J. E., Patrick, M. E., Kloska, D. D., Maslowsky, J., Maggs, J. L., & O'Malley, P. M. (2015). Substance use disorder in early midlife: A national prospective study on health and wellbeing correlates and long-term predictors. *Substance Abuse: Research and Treatment*, 9(Suppl 1), 41-57. PMC4881872. doi:10.4137/sart.s31437
- Terry-McElrath, Y. M., & O'Malley, P. M. (2015). Trends and timing of cigarette smoking uptake among U.S. young adults: survival analysis using annual national cohorts from 1976-2005. *Addiction*, *110*(7), 1171-1181. PMC4478090. doi:10.1111/add.12926
- Terry-McElrath, Y.M., O'Malley, P.M., & Johnston, L.D. (2015). Foods and beverages offered in US public secondary schools through the National School Lunch Program from 2011–2013: Early evidence of improved nutrition and reduced disparities. *Preventative Medicine*, *78*, 52-58. Advance online publication. PubMed PMID: 26190369. doi:10.1016/j.ypmed.2015.07.010
- Terry-McElrath, Y.M., O'Malley, P.M., & Johnston, L.D. (2015). Potential impact of national school nutrition environment policies: Cross-sectional associations with US secondary student overweight/obesity, 2008-2012. *JAMA Pediatrics*, 169, 78-85. PubMed PMID: 25402551. doi:10.1001/jamapediatrics.2014.2048. Published online November 17, 2014.
- Terry-McElrath, Y. M., Chriqui, J. F., O'Malley, P. M., Chaloupka, F. J., & Johnston, L. D. (2015). Regular soda policies, school availability, and high school student consumption. *American Journal of Preventive Medicine*, *48*(4), 436-444. PMC4380673. doi:10.1016/j.amepre.2014.10.022.
- Colabianchi, N., Griffin, J.L., Slater, S.J., O'Malley, P.M., & Johnston, L.D. (2014). The wholeof-school approach for physical activity: School practices and associations with student physical activity in a nationally representative sample of secondary students [Abstract]. *Annals of Behavioral Medicine*, *47*, S229. Method D journal in process.
- Hood, N. E., Colabianchi, N., Terry-McElrath, Y. M., O'Malley, P. M., & Johnston, L. D. (2014). Physical activity breaks and facilities in US secondary schools. *Journal of School Health*, *84*(11), 697-705. PMC4185395. doi:10.1111/josh.12206
- Kumar, R., O'Malley, P.M., & Johnston, L.D. (2014). Relationship between school administrators' reports of parental involvement in school and students' substance use: A national study. *Journal of Child and Adolescent Substance Abuse*, 23(5), 269-281. doi:10.1080/1067828X.2013.869131
- McCabe, S. E., Schulenberg, J. E., O'Malley, P. M., Patrick, M. E., & Kloska, D. D. (2014). Nonmedical use of prescription opioids during the transition to adulthood: a multi-cohort national longitudinal study. *Addiction*, 109(1), 102-110. PMC3930150. doi:10.1111/add.12347

O'Malley, P.M. (2014). A review of studies of drinking patterns in the United States since 1940. *Journal of Studies on Alcohol and Drugs*, *Supplement 17*, 18-25. PubMed PMID: 24565308. doi:10.15288/jsads.2014.s17.18

O'Malley, P. M., & Johnston, L. D. (2014). O'Malley and Johnston respond. [Letter] *American Journal of Public Health*, 104(4), e7-e8.

Terry-McElrath, Y.M., Hood, N., Colabianchi, N., O'Malley, P.M., & Johnston, L.D. (2014). Profits, commercial food supplier involvement, and school vending machine snack food availability: Implications for implementing the new competitive foods rule. *Journal of School Health*, *84*(7), 451-458. PubMed PMID: 24889082. Method D journal – in process. doi:10.1111/josh.12165

Terry-McElrath, Y.M., O'Malley, P.M., & Johnston, L.D. (2014). Accessibility over availability: Associations between the school food environment and student fruit and green vegetable consumption. *Childhood Obesity*, *10*(3), 241-250. PMC4088349. doi:10.1089/chi.2014.0011

Terry-McElrath, Y. M., O'Malley, P. M., & Johnston, L. D. (2014). Alcohol and marijuana use patterns associated with unsafe driving among U.S. high school seniors: High use frequency, concurrent use and simultaneous use. *Journal of Studies on Alcohol & Drugs*, 75, 378-389. PMC4002852. doi:10.15288/jsad.2014.75.378

Terry-McElrath, Y. M., O'Malley, P. M., & Johnston, L. D. (2014). Energy drinks, soft drinks, and substance use among US secondary school students. *Journal of Addiction Medicine*, *8*, 6-13. PMC3910223. doi:10.1097/01.ADM.0000435322.07020.53.

O'Malley, P. M., & Johnston, L. D. (2013). Driving after drug or alcohol use by US high school seniors, 2001-2011. *American Journal of Public Health*, 103(11), 2027–2034. PMC3828684. doi:10.2105/AJPH.2013.301246

Bachman, J.G., Staff, J., O'Malley, P.M., & Freedman-Doan, P. (2013). Adolescent work intensity, school performance, and substance use: Links vary by race/ethnicity and socioeconomic status. *Developmental Psychology*, 49(11), 2125-2134. PMC3735660. doi:10.1037/a0031464

Clarke, P., O'Malley, P.M., Schulenberg, J.E., Lee, H., Colabianchi, N., & Johnston, L.D. (2013). College expectations in high school mitigate weight gain over early adulthood: findings from a national study of American youth. *Obesity*, *21*(7), 1321-1327. PMC3742647. doi:10.1002/oby.20176

Kumar, R., O'Malley, P.M., Johnston, L.D., & Laetz, V.B. (2013). Alcohol, tobacco, and other drug use prevention programs in U.S. schools: A descriptive summary. *Prevention Science*, *14*, 581-592. PMC3706520. doi:10.1007/s11121-012-0340-z

Hood, N.E., Colabianchi, N., Terry-McElrath, Y.M., O'Malley, P.M., & Johnston, L.D. (2013). School wellness policies and foods and beverages available in schools. *American Journal of Preventive Medicine* 45(2), 143-149. PubMed PMID: 23867020. doi:10.1016/j.amepre.2013.03.015

Jager, J., Schulenberg, J.E., O'Malley, P.M., & Bachman, J.G. (2013). Historical variation in drug use trajectories across the transition to adulthood: the trend toward lower intercepts and steeper, ascending slopes. *Development and Psychopathology*, 25(2), 527-543. PMC3641689. doi:10.1017/S0954579412001228

Maslowsky, J., Schulenberg, J. E., O'Malley, P. M., & Kloska, D. D. (2013). Depressive symptoms, conduct problems, and risk for polysubstance use among adolescents: results from US national surveys. *Mental Health and Substance Use*, *7*, 157-169. PMC3932991.

doi:10.1080/17523281.2013.786750

Patrick, M. E., Schulenberg, J. E., Martz, M. E., Maggs, J. L., O'Malley, P. M., & Johnston, L. (2013). Extreme binge drinking among American 12th-grade students: Prevalence and predictors. *JAMA Pediatrics*. *167*, 1019-1025. PMC3818300. doi:10.1001/jamapediatrics.2013.2392

Terry-McElrath, Y. M., Emery, S., Wakefield, M. A., O'Malley, P. M., Szczypka, G., & Johnston, L.D. (2013). Effects of tobacco-related media campaigns on smoking among 20-30-year-old adults: Longitudinal data from the USA. *Tobacco Control*, *22*, 38-45. PMC3335969. doi:10.1136/tobaccocontrol-2011-050208.

Terry-McElrath, Y.M., O'Malley, P.M., & Johnston, L.D. (2013). Middle and high school drug testing and student illicit drug use: A national study, 1998-2011. *Journal of Adolescent Health*, *52*, 707-715. PMC3793394. doi:10.1016/j.jadohealth.2012.11.020

Terry-McElrath, Y.M., O'Malley, P.M., & Johnston, L.D. (2013). School soft drink availability and consumption among U.S. secondary students. *American Journal of Preventive Medicine*, 44(6), 573-582. PMC3659332. doi:10.1016/j.amepre.2013.01.026

Terry-McElrath, Y.M., O'Malley, P.M., & Johnston, L.D. (2013). Simultaneous alcohol and marijuana use among US high school seniors from 1976-2011: Trends, reasons, and situations. *Drug and Alcohol Dependence*, *133*, 71-79. PMC3786028doi:10.1016/j.drugalcdep.2013.05.031

Keyes, K., Schulenberg, J.E., O'Malley, P.M., Johnston, L.D., Bachman, J.G., Li, G., & Hasin, D. (2012). Birth cohort effects on adolescent alcohol use: The influence of social norms 1976-2007. *Archives of General Psychiatry*, 69(12), 1304-1313. PMC3597448. doi:10.1001/archgenpsychiatry.2012.787

Terry-McElrath, Y.M., Johnston, L.D., & O'Malley, P.M. (2012). Trends in Competitive Venue Beverage Availability: Findings from US Secondary Schools. *Archives of Pediatrics & Adolescent Medicine*. *166*(8), 776-778. PubMed PMID: 22869413. doi:10.1001/archpediatrics.2012.716

Dever, B.V., Schulenberg, J.E., Dworkin, J.B., O'Malley, P.M., Kloska, D.D. & Bachman, J.G. (2012). Predicting risk-taking with and without substance use: The effects of parental monitoring, school bonding, and sports participation. *Prevention Science*, *13*, 605-615. PMC3632648. doi:10.1007/s11121-012-0288-z.

Wray-Lake, L., Maggs, J.L., Johnston, L.D., Bachman, J.G., O'Malley, P.M., & Schulenberg, J.E. (2012). Associations between community attachments and adolescent substance use in nationally representative samples. *Journal of Adolescent Health*, *51*(*4*), 325-331. PMC3699306. doi:10.1016/j.jadohealth.2011.12.030

Patrick, M.E., O'Malley, P.M., Johnston, L.D., Terry-McElrath, Y.M., & Schulenberg, J.E. (2012). HIV/AIDS risk behaviors and substance use by young adults in the United States. *Prevention Science*, *13*, 532-538. PMC3586255. doi:10.1007/s11121-012-0279-0

Terry-McElrath, Y. M., O'Malley, P. M., Johnston, L. D. (2012). Factors affecting sugarsweetened beverage availability in competitive venues of U.S. secondary schools. *Journal of School Health*, *82*, 44-55. PubMed PMID: 22142174. doi:10.1111/j.1746-1561.2011.00666.x

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