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Background

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Education: PhD, Biostatistics (Survey Sampling), 1980, University of Michigan, (Dissertation:
Design Effects for Multivariate Categorical Interactions)
MPH, Biostatistics, 1976, University of Michigan
BA, with Honors, Mathematics, 1970, Illinois State University

Honors: Robert G. Bone Scholar, Illinois State University, 1969-1970
Omicron Delta Kappa, 1968-1970 (President of chapter 1969-1970)
Rackham Fellowship, University of Michigan, 1976-1977
Fellow, American Statistical Association, 1992
Elected Member, International Statistical Institute, 1994
American Association for Public Opinion Research Innovator Award, 2004.

Professional Experience

2008-2009 Director, Joint Program in Survey Methodology, University of Maryland.

2006- Population Studies Center Research Affiliate, Institute for Social Research, University of Michigan

2005- Professor, Department of Biostatistics, University of Michigan.

2004- Research Professor, Institute for Social Research, University of Michigan.

2002-2011 Director, Program in Survey Methodology, University of Michigan.

1998- Research Professor, Joint Program in Survey Methodology, University of Maryland.

1998-2006 Adjunct Professor, Department of Sociology, University of Michigan.

1998-2003 Senior Research Scientist, Institute for Social Research, University of Michigan.

1992-2005 Associate Professor, Department of Biostatistics, University of Michigan.

1997-1998 Senior Associate Research Scientist, Institute for Social Research, University of Michigan.

1995-2003 Director, Survey Research Center Summer Institute in Survey Research Techniques, University of Michigan.

1995-1998 Research Associate Professor, Joint Program in Survey Methodology, University of Maryland.

1993- Director, Sampling Program for Survey Statisticians, University of Michigan.

1989-1998 Adjunct Associate Professor, Department of Sociology, University of Michigan.

1988-1997 Associate Research Scientist, Institute for Social Research, University of Michigan.

1982-1988 Assistant Research Scientist, Institute for Social Research and Department of Biostatistics, University of Michigan.

1980-1982 Research Investigator, Institute for Social Research, University of Michigan.

1980 Staff Fellow, Center for Disease Control, Atlanta, Georgia (Kathmandu, Nepal)

1976-1979 Research Assistant, Institute for Social Research, University of Michigan.

- 1972-1973 Short Term Consultant, Smallpox Eradication Unit, World Health Organization (Juba, Equatoria Province, Sudan).
1970-1972 Peace Corps Volunteer, Addis Ababa, Ethiopia.
1970 Summer Intern, Mathematical Statistics Div., Internal Revenue Service, Washington, D.C.

Professional Affiliations

American Association for Public Opinion Research
American Statistical Association
International Association of Survey Statisticians
International Statistical Institute

Publications

Books and Monographs

- Lepkowski, JM, Mosher, WD, Groves, RM, West, BT, Wagner, J, Gu, H. *Responsive Design, Weighting, and Variance Estimation in the 2006-2010 National Survey of Family Growth, Vital and Health Statistics*. National Center for Health Statistics: Vital and Health Statistics 2, No. 158, 2013.
- Lepkowski JM, Mosher WD, Davis KA, Groves, RM, van Hoewyk J. *Continuous National Survey of Family Growth: New Concepts for Sample Design and Analysis, Vital and Health Statistics*. National Center for Health Statistics. Vital and Health Statistics 2, No. 150, 2010.
- Groves RM, Mosher WD, Lepkowski J, Kirgis NG. *Planning and development of the continuous National Survey of Family Growth*. National Center for Health Statistics. Vital Health Stat 1(48). 2009.
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- Lepkowski JM, Tucker C, Brick JM, de Leeuw E, Japac L, Lavrakas PJ, Link MW, & Sangster RL, eds. *Advances in Telephone Survey Methodology*. New York: J.W. Wiley and Sons, Inc. 2007.
- Lepkowski JM, Mosher WA, Davis KA, Groves RM, van Hoewyk J, & Willem J. *National Survey of Family Growth, Cycle 6: Sample Design, Weighting, Imputation, and Variance Estimation, Vital and Health Statistics*. National Center for Health Statistics. Vital and Health Statistics 2, no. 142 (2006).
- Groves RM, Benson G, Mosher WD, Rosenbaum, J, Granda, P, Axinn, W, Lepkowski, J, Chandra, A. Plan and operation of cycle 6 of the National Survey of Family Growth. National Center for Health Statistics. Vital Health Stat 1(42). 2005.
- Cohen SB, & Lepkowski JM, eds. *Eighth Conference on Health Survey Research Methods*. Hyattsville, MD: National Center for Health Statistics, 2004.
- Groves RM, Fowler JF, Couper MP, Lepkowski JM, Tourangeau R, & Singer E. *Survey Methodology*. New York: J.W. Wiley and Sons, 2004.

- Lepkowski JM. "More About Telephone Surveys," *What Is a Survey?* Alexandria, Virginia: American Statistical Association, 1999.
- Lepkowski JM., Landis JR, Parsons PE, & Stehouwer SA. Statistical Methodologies for Analyzing a Complex Sample Survey: The National Medical Care Utilization and Expenditure Survey (NMCUES). *National Medical Care Utilization and Expenditure Survey, Series A*, Methodological Report No. 4, DHHS Pub. No. 88-20004. National Center for Health Statistics, Public Health Service. Washington. U.S. Government Printing Office, March 1988.
- Harlan WR, Murt HA, Thomas JW, Lepkowski JM, Guire KE, Berki SE, & Landis JR. Incidence, Utilization, & Costs Associated With Acute Respiratory Conditions. *National Medical Care Utilization and Expenditure Survey, Series C*, Analytical Report No. 4. DHHS Pub. No. 86-20404. National Center for Health Statistics, Public Health Service. Washington. U.S. Government Printing Office, Sept., 1986.
- Murt HA, Parsons PE, Harlan WR, Thomas JW, Lepkowski JM, Guire KE, Berki SE, & Landis JR. Disability, Utilization, & Costs Associated With Musculoskeletal Conditions. *National Medical Care Utilization and Expenditure Survey, Series C*, Analytical Report No. 5. DHHS Pub. No. 86-20405. National Center for Health Statistics, Public Health Service. Washington. U.S. Government Printing Office, Sept., 1986.
- Parsons PE, Lichtenstein R., Berki SE, Murt HA, Lepkowski JM, Stehouwer SA, & Landis JR. Costs of Illness, United States, 1980. *National Medical Care Utilization and Expenditure Survey, Series C*, Analytical Report No. 3. DHHS Pub. No. 86-20403. National Center for Health Statistics, Public Health Service. Washington. U.S. Government Printing Office, Apr., 1986.
- Berki SE, Lepkowski JM, Wyszewianski L, Landis JR, Magilavy ML, McLaughlin CG, & Murt HA. High-Volume and Low-Volume Users of Health Services, United States, 1980. *National Medical Care Utilization and Expenditure Survey, Series C*, Analytical Report No. 2. DHHS Pub. No. 86-20402. National Center for Health Statistics, Public Health Service. Washington. U.S. Government Printing Office, Nov., 1985.
- Landis JR, Lepkowski JM, Stehouwer SA, & Eklund SA. A Statistical Methodology for Analyzing Data From a Complex Survey: The First National Health and Nutrition Examination Survey. *Vital and Health Statistics, Series 2- No. 92*. Department of Health and Human Services publication no. 82-1366. Public Health Service, Washington. U.S. Government Printing Office, September, 1982.

Book Chapters

- Kirgis, N, Lepkowski, JM. "Design and Management Strategies for Paradata Driven Responsive Design: Illustrations from the 2006-2010 National Survey of Family Growth," in *Improving Surveys with Paradata: Analytic Use of Process Data*, F. Krueter, ed. New York: J.W. Wiley & Sons, 2013.
- Lepkowski, JM. "Telephone Sampling: Frames and Selection Techniques," in *Lexicon of Statistical Sciences*, Miodrag Lovric, ed. New York: J.W. Wiley and Sons, Inc., 2010.
- Brick JM, & Lepkowski JM. "Multiple Mode and Frame Telephone Surveys," Chapter 7 in Lepkowski JM, Tucker C, Brick JM, de Leeuw E, Japac L, Lavrakas PJ, Link MW, & Sangster RL, eds. *Advances in Telephone Survey Methodology*. New York: J.W. Wiley and Sons, Inc. 2007.
- Tucker C & Lepkowski JM. "Telephone Survey Methods: Adapting to Change," Chapter 1 in

- Lepkowski JM, Tucker C, Brick JM, de Leeuw E, Japac L, Lavrakas PJ, Link MW, & Sangster RL, eds. *Advances in Telephone Survey Methodology*. New York: J.W. Wiley and Sons, Inc. 2007.
- Lepkowski JM. "Non-Observation Error in Household Surveys in Developing Countries," Chapter 8 in *Operating Characteristics of Household Surveys in Developing and Transition Countries*. New York: United Nations Statistics Division (2005).
- Lepkowski JM., & Couper MP. "Nonresponse in Longitudinal Household Surveys," Chapter 17 in *Survey Nonresponse*, Groves RM et al., editors. New York: Wiley and Sons, 2001.
- Casady RJ & Lepkowski JM. "Telephone Sampling," Chapter 15 in *Sampling of Populations: Methods and Applications*, Paul Levy and Stanley Lemeshow. New York: Wiley and Sons, Inc., 1999.
- Lepkowski JM., Sadosky SA, & Weiss PS. "Mode, Behavior, and Data Recording Accuracy," Chapter 19 in *Computer Assisted Survey Information Collection*, Couper MP et al., editors. New York: Wiley and Sons, Inc., 1998.
- Casady RJ & Lepkowski JM. "Telephone Sampling," in *Encyclopedia of Biostatistics*, Peter Armitage and Theodore Colton, editors. New York: Wiley and Sons, Inc., 1998.
- Dykema, J, Lepkowski JM, & Blixt S. "The Impact of Interviewer and Respondent Behavior on Data Quality: Analysis of Interaction Coding in a Validation Study," Chapter 12 in *Survey Measurement and Process Quality*, Martin Collins et al., editors. New York: Wiley and Sons, Inc., 1997.
- Lepkowski JM. "The treatment of wave nonresponse in panel surveys," in *Panel Surveys* (D. Kasprzyk, G. Duncan, G. Kalton, & M.P. Singh, eds.) New York: J.W. Wiley and Sons, 1989.
- Lepkowski JM. "Telephone Sampling Methods in the United States," *Telephone Survey Methodology*, Groves RM, et al., eds. New York: Wiley and Sons, 1988.

Reviewed Publications

- Elkasabi, M., Suzer-Gurtekin, ZT, Lepkowski, JM, Kim, U, Curtin, R, McBee, R, "A Comparison of Address-Based Sampling Mail Surveys and RDD Surveys for Measuring Consumer Attitudes," *International Journal of Marketing Research*, forthcoming (2013).
- Wagner, J, West, BT, Kirgis, N, Lepkowski, JM, Axinn, WG, Kruger-Ndiaye, S., 2012. "Use of Paradata in a Responsive Design Framework," *Journal of Official Statistics*, Vol. 28, No. 4, pp. 1-24.
- Nechuta, S, Mudd, LM, Elliott, MR, Lepkowski, JM, Paneth, N, The Michigan Alliance for the National Children's Study 2012. "Attitudes of pregnant women towards collection of biological specimens during pregnancy and at birth," *Pediatric and Perinatal Epidemiology*, Vol. 26, No. 3, pp. 272-5.
- Olsen, K, Lepkowski, JM, Garabrant, DH 2012. "An Experimental Examination of the Content of Persuasion Letters on Nonresponse Rates and Survey Estimates in a Nonresponse Follow-Up Study," *Survey Research Methods* Vol. 5, No. 1, pp. 21-26.
- Demond, AH, Franzblau, A, Garabrant, DH, Jiang, X, Adriaens, P, Chen, Q, Gillespie, B, Hao, W, Hong, B., Jolliet, O, Lepkowski, JM 2011. "Human Exposure from Dioxins in Soil," *Environmental Science and Technology*, Vol. 46, No. 3, pp. 1296-1302..

- Ismail, A., Lim, S., Lepkowski, J., Jedele, J., "Evaluation of a Brief Tailored Motivational Intervention to Prevent Early Childhood Caries," *Community Dentistry and Oral Epidemiology*, forthcoming.
- Franzblau, A., Hedgeman, E., Jolliet, O., Knutson, K., Towey, T., Chen, Q., Hong, B., Adriaens, P., Demond, A., Garabrant, D., Gillespie, B., Lepkowski, J. 2010. "The University of Michigan Dioxin Exposure Study: A Follow-Up Investigation of a Case with High Serum Concentration of 2,3,4,7,8-Pentachlorodibenzofuran," *Environmental Health Perspectives*, Vol. 118, No. 9, 1313-1317.
- Evans, MK, Lepkowski, JM, Powe, NR, LaVeist, T, Fanelli-Kuczmariski, M, Zonderman, AB, 2010. "Healthy Aging in Neighborhoods across the Life Span (HANDLS): A Longitudinal, Epidemiologic, Urban Study of Health, Race, and Socioeconomic Status," *Ethnicity and Disease*, Vol. 20, 267-275.
- Chen, Q., Garabrant, D., Hedgeman, E., Little, R.J.A., Elliott, M.R., Gillespie, B., Hong, B., Lee, S-Y, Lepkowski, J., Franzblau, A., Adriaens, P., Demond, A., Patterson, D.G., 2010. "Estimation of Background Serum 2,3,7,8-TCDD Concentrations by Using Quantile Regression in the UMDES and NHANES Populations," *Epidemiology*, Vol. 21, No. 4, S51-S57.
- Gillespie, B., Chen, Q., Reichert, H., Franzblau, A., Hedgeman, E., Lepkowski, J., Adriaens, P., Demond, A., Luksemburg, W., Garabrant, D. "Estimating Population Distributions When , 2010./ Some Data Are Below a Limit of Detection by Using a Reverse Kaplan-Meier Estimator," *Epidemiology*, Vol. 21, No. 4, S64-S70.
- Nechuta S, Mudd LM, Biery L, Elliott MR, Lepkowski JM, Paneth N, 2009. "Attitudes of Pregnant Women Towards Participation in Perinatal Epidemiological Research," *Pediatric and Perinatal Epidemiology*, Vol. 23, No. 5, 424-430.
- Towey, T., Chang, S-C., Demond, A., Wright, D., Barabas, N., Franzblau, A., Garabrant, D., Gillespie, B., Lepkowski, J., Luksemburg, W., Adriaens, P., 2010. "Hierarchical Cluster Analysis of Polychlorinated Dioxins and Furans in Michigan, U.S.A., Soils: Evaluation of Industrial and Background Congener Profiles," *Environmental Toxicology and Chemistry*, vol. 29, 64-72.
- Franzblau, A., Zwica, L., Knutson, K., Chen, Q., Lee, S-Y., Hong, B., Adriaens, P., Demond, A., Garabrant, D., Gillespie, B., Lepkowski, J., Luksemburg, W., Maier, M., Towey, T., 2009. "An Investigation of Homes with High Concentrations of PCDDs, PDCFs, and/or Dioxin-Like PCBs in House Dust," *Journal of Occupational and Environmental Hygiene*, Vol. 6, No. 3, 188-199.
- Franzblau, A., Demond, A., Towey, T., Adriaens, P., Chang, S-C., Luksemburg, W., Maier, M., Garabrant, D., Lepkowski, J. Chang, C-W., Chen, Q., Hong, B., 2009. "Residences with Anomalous Soil Concentrations of Dioxin-Like Compounds in Two Communities in Michigan, U.S.A.: A Case Study," *Chemosphere*, Vol. 74, 395-403.
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- Hedgeman E, Chen Q, Hong B, Chang C-W, Olson K, LaDronka K, Ward B, Adriaens P, Demond A, Gillespie BW, Lepkowski J, Franzblau A, & Garabrant D, 2009, "The University of Michigan Dioxin Exposure Study: Population Survey Results and Serum Concentrations for

- Polychlorinated Dioxins, Furans, and Biphenyls,” *Environmental Health Perspectives*, Vol. 117, No. 5, 811-817.
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- Garabrant D, Franzblau A, Lepkowski J, Gillespie BW, Adriaens P, Demond A, Hedgeman E, Knutson K, Zwica L, Olson K, Towey T, Chen Q, Hong B, Chiang C-W, Lee, S-Y, Ward B, Ladronka K, Luksemburg W, & Maier M, 2009, “The University of Michigan Dioxin Exposure Study: Predictors of Serum Dioxin Concentrations in Midland and Saginaw, Michigan,” *Environmental Health Perspectives*, Vol. 117, No. 5, 818-824.
- Davern M, Jones Jr. A, Lepkowski JM, Davidson G, & Blewett LA. “Estimating Standard Errors for Regression Coefficients Using the Current Population Survey’s Public Use File,” *Inquiry* 44(2) 2008:211-224.
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- Franzblau, A., Hedgeman, E., Chen, Q., Lee, S-Y., Adriaens, P., Demond, A., Garabrant, D., Gillespie, B., Lepkowski, J., Luksemburg, W., Maier, M., Wenger, Y, 2008. “Case Report: Human Exposure to Dioxins from Clay,” *Environmental Health Perspectives*, Vol. 116, No. 2, 238-242.
- Goovaerts, P., Trinh, H., Demond, A., Franzblau, A., Garabrant, D., Gillespie, B., Lepkowski, J., Adriaens, P., 2008. “Geostatistical Modeling of the Spatial Distribution of Soil Dioxins in the Vicinity of an Incinerator. 1. Theory and Application to Midland, Michigan,” *Environmental Science and Technology*, Vol. 42, 3648-3654.
- Goovaerts, P., Trinh, H., Demond, A., Towey, T., Chang, S-C., Gwinn, D., Hong, B., Franzblau, A., Garabrant, D., Gillespie, B., Lepkowski, J., Adriaens, P., 2008. “Geostatistical Modeling of the Spatial Distribution of Soil Dioxins in the Vicinity of an Incinerator. 2. Verification and Calibration Study,” *Environmental Science and Technology*, Vol. 42, 3655-3661.
- Ismail AI, Sohn,W, Tellez M, Willem J, Betz J, and Lepkowski JM. Risk indicators for dental caries using the International Caries Detection and Assessment System (ICDAS). *Community Dentistry and Oral Epidemiology*, 36 (2007): 55-68.
- Xie D, Raghunathan TE, & Lepkowski JM. “Estimation of the proportion of overweight individuals in small areas – A robust estimation of the Faye-Herriot Model,” *Statistics in Medicine*, 26 (2007): 2699-2715.
- Sohn W, Ismail AI, Amaya A, & Lepkowski JM. “Determinants of dental care visits among low-income African-American children,” *Journal of the American Dental Association*, 138 (2007): 309-318

- Davern M, Jones Jr. A, Lepkowski JM, Davidson G, & Blewett, LA. "Unstable Inferences? An Examination of Complex Survey Sample Design Adjustments using the Current Population Survey for Health Services Research." *Inquiry*, 43 (2006): 283-97.
- Davern M, Lepkowski JM, Thiede Call K, Johnson TL, Goldsteen K, Malmov, TA, & Blewett LA. "Telephone Service Interruption Weighting for State Health Insurance Surveys." *Inquiry*, 41 (2004): 280-290.
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- Ismail AI, Birch S, Wesson S, Lepkowski JM, & Belli RF. "Utilities of dentin regeneration among insured and uninsured adults," *Community Dentistry and Oral Epidemiology* 32 (2004): 55-66.
- Ford K, Sohn W, & Lepkowski JM. "Ethnicity, area characteristics, and sexual partner choice among American adolescents," *Journal of Sex Research*, 40 (May, 2003): 211-218.
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Other Publications

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Manuscripts in Process

- Lepkowski, JM, Mosher, W, Groves, RM, West, BT, Wagner, J, and Gu, H. *A New Approach to the National Survey of Family Growth: Results of Fieldwork, Weighting, Imputation, and Variance Estimation in the 2006-10 NSFG*. National Center for Health Statistics. Vital and Health Statistics 2, (forthcoming).
- Elkasabi, M, Suzer-Gurtekin, T, Lepkowski, JM, Kim, U, Curtin, R, McBee, R. "Evaluation of a Mail Survey as an Alternative to a Random-Digit Dialing Landline Telephone Survey," in preparation.
- Kirgis, N., Lepkowski, JM. "Design and Management Strategies for Paradata Driven Responsive Design: Illustrations from the 2006-2010 National Survey of Family Growth," in preparation, Chapter TBD in *Improving Surveys with Paradata: Making Use of Survey Process Information*, Frauke Kreuter, editor. New York: J.W. Wiley and Sons, (forthcoming).
- Lepkowski, JM. "Weighting," in preparation, Chapter TBD in *Handbook of Health Survey Methods*, Timothy Johnson, ed. New York: J. W. Wiley and Sons, (forthcoming).

Research Reports

- Lepkowski JM *Final Report, Year IV: Initial Studies of Issues Related to the Redesign of the 1995 National Health Interview Survey*. Report prepared under a Cooperative Agreement between the University of Michigan and the Association of Schools of Public Health, September, 1994.
- Lepkowski JM, Pennell SG, Miller EP, Luis E & Kalton G. *Time in Panel Effect in the SIPP*. Report prepared under Joint Statistical Agreement JSA 90-28 with the Bureau of the Census, U.S. Department of Commerce. Survey Research Center, University of Michigan, September, 1992.
- Kalton G, Miller DP, & Lepkowski JM. *Analyzing Spells of Program Participation in the SIPP*. Report prepared under Joint Statistical Agreement JSA 90-36 with the Bureau of the Census, U.S. Department of Commerce. Survey Research Center, University of Michigan, September, 1992.
- Neighbors HW, Williams DH, Wanda TB, Lipscomb, D, Broman, C, & Lepkowski JM. *The Prevalence of Mental Disorder in Michigan Prisons*. Department of Community Health Programs, School of Public Health, University of Michigan, July, 1987.
- Lepkowski JM & Tilden RL. *WHO Eye Examination Record Data Entry System Documentation*. Survey Research Center, University of Michigan, April, 1986.
- Lepkowski JM & Tilden RL. *Data Needs for Blindness Programmes*. Survey Research Center, University of Michigan, December, 1985.
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- Brilliant LB., Lepkowski JM, Brilliant GE, Gilbert S, & Kuo J. *The Epidemiology of Blindness in Nepal, Volumes I-V*. Department of Epidemiology, University of Michigan, September, 1982.
- Groves RM, & Lepkowski JM. *Dual Frame, Mixed Mode Survey Designs for the National Crime Survey*. Survey Research Center, University of Michigan, September, 1982.
- Lepkowski JM & Kalton G. *Investigations of Longitudinal Imputation Strategies for the ISDP Research Panels*. Survey Research Center, University of Michigan, March, 1982.
- Lepkowski JM. *Item Nonresponse for Selected Reciprocity and Income Items Across Waves 1 and 2 Interviews of the ISDP 1979 Research Panel*. Survey Research Center, University of Michigan, February, 1982.
- Lepkowski JM. *Construction of Longitudinal Datasets for Waves 1 and 2 of the Income Survey Development Program 1979 Research Panel*. Survey Research Center, University of Michigan, February, 1982.
- Lepkowski JM. *Preliminary Longitudinal Imputations for the Income Survey Development Program 1978 Research Panel*. Survey Research Center, University of Michigan, December, 1981.
- Kalton G, Lepkowski JM, & Santos R. *Longitudinal Imputation: First Report*. Survey Research Center, University of Michigan, July, 1981.
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- Lepkowski JM, Sayed M, & El Hag Suleiman O. *Active Search Operations: Equatoria Province, Sudan*. Geneva, Switzerland: World Health Organization Mimeograph WHO/SE/73.60, 1973.
- Weithaler KL, DeQuadros C, & Lepkowski JM, eds. *Smallpox Surveillance in Ethiopia*, Nos. 1-20. Addis Ababa, Ethiopia: Smallpox Eradication Programme in Ethiopia, 1971-72.

Professional Presentations

- “Examples of Responsive Design from the National Survey of Family Growth,” presentation to the conference *Moving Responsive Design Forward*, Institute for Employment Research, Nuremberg, Germany, November 4, 2011.
- “Introduction to Survey Sampling,” a short course presented at the London School of Economics and Political Science, July, 2011.
- “The Impact on Accuracy of Estimates of Increasing Cell Telephone Sample to Correct Coverage Error in the Survey of Consumer Attitudes,” with Mahmoud Elkasabi, Tuba Suzer-Gurtekin, Richard Curtin, Rebecca McBee, & Boyang Chai, presented at the Annual Meeting of the American Association for Public Opinion Research, Phoenix, Arizona, May 15, 2011.
- “Comments on Nonresponse Compensation Methods,” presented at the ESSi Workshop on Adjustment for Nonresponse Bias, Katolica University, Leuven, Belgium, March 10, 2011.
- “Using Large Scale Surveys as Frames,” presented at the Workshop on the Future of Federal Household Surveys, hosted by the Committee on National Statistics, Washington, DC, November 4, 2010.
- “Implementing Paradata Guided Production Interventions,” with Nicole Kirgis, presented to the Paradata Workshop held at the US Census Bureau, Suitland, Maryland, October 14, 2010.
- “Missing Data in Sample Surveys,” presented to the 2010 International Conference on Survey Research Methodology, Center for Survey Research, Research Center for Humanities and Social Sciences, Academia Sinica, Taiwan, August 25, 2010.
- “Teaching Survey Methodology: University-Government Partnerships in Education,” with Roger Tourangeau, presented at the 8th International Conference on the Teaching of Statistics, Ljubljana, Slovenia, July 14, 2010.
- “Survey Sampling and Survey Management,” presented to the International Field Directors and Technologies Conference, Chicago, IL, May 17, 2010.
- “Use of Paradata to Manage a Field Data Collection,” presented to the Joint Statistical Meetings, Washington, DC, August, 2009.
- “An Illustration of Two Phase Sampling for Rate and Bias Control,” presented at the Federal Committee on Statistical Methodology Workshop on Survey Nonresponse, Bureau of Labor Statistics, Washington, DC, June, 2009.
- “Weighting in Dual Frame Landline-Mobile Telephone Samples,” presented at Leuven University, Leuven, Belgium, April, 2007, & the Office of National Statistics, London, May, 2007.
- “Problems in Responsive Survey Design,” presented at the National Center for Social Research, London, April, 2007, & the Essex University, Colchester, May, 2007.
- “Design and Implementation of Telephone Surveys,” short course presented for the Center for Applied Social Statistics, University of Southampton, London, March, 2007.
- “Two Problems in Adaptive Survey Design,” presented at Southampton University, December, 2006.
- “Survey methodology in an environmental exposure study: Methods to assure sound inference,” presented at the Dioxin 2006, Oslo, Norway, August, 2006.
- “Methods of Survey Sampling,” presented at Beijing University, Beijing, PRC, July-August, 2006.

- “Workshop in Sampling Methods,” presented at Centro de Investigación en Matemáticas (CIMAT), Guanajuato, Mexico, March and May, 2006.
- “Introduction to Survey Sampling,” presented at the American Association for Public Opinion Research, May, 2003, Nashville, TN.
- “The Effect of Mobile Phones on Household Coverage,” with Sun-Woong Kim, presented to the Joint Statistical Meetings, August, 2003, New York, NY, to the Cell Phone Summit, February, 2003, New York, NY, & to the American Association for Public Opinion Research, May, 2003, Nashville, TN.
- “Complex Sample Survey Analysis: Advances in Handling Missing Data,” presented to the faculty and students of the Department of Sociology and Economics, Jagellonian University, Krakow, Poland, May, 2002.
- “Michigan Center for Excellence in Health Statistics,” presented to the Joint Statistical Meetings, August, 2000, Baltimore, Maryland.
- “List-Assisted Telephone Sampling,” seminar presented with Clyde Tucker to the American Association for Public Opinion Research, Washington Chapter, Washington, DC, May, 2000.
- “Sequential Regression for Multiple Imputation,” with Raghunathan TE, presented to the Joint Statistical Meetings, August, 2000, Baltimore, Maryland.
- “Multiple Imputation for Disclosure Limitation,” with Raghunathan TE, presented to the Joint Statistical Meetings, August, 2000, Baltimore, Maryland.
- “Telephone Sampling Methods,” short course presented with Clyde Tucker, Bureau of Labor Statistics, for the Joint Program in Survey Methodology, March, 1999 and November, 2003.
- “Event History Analysis of Interviewer and Respondent Survey Behavior,” presented at the International Conference on Methodology and Statistics, Preddvor, Slovenia, September 8, 1998.
- “CAPI Instrument Evaluation: Behavior Coding, Trace Files, and Usability Methods,” presented at the meetings of the American Association for Public Opinion Research, St. Louis, Missouri, May 17, 1998.
- “Stratified Telephone Sampling,” presented to the 15th Annual Behavioral Risk Factors Surveillance Survey Meeting, Atlanta, Georgia, May 6, 1998.
- “Intermediate Survey Sampling,” short course presented with Colm O’Muircheartaigh for the Joint Program in Survey Methodology at the Crystal City Marriott Hotel, Crystal City, VA, December 16-17, 1996; individually at the Hyatt Regency Hotel, Bethesda, MD, March 24-25, 1998; and with Raghunathan TE at the Institute of Statistics, Korea University, Seoul, Korea, October 20-24, 1997.
- “Human Computer Interaction and Data Recording Accuracy,” presented to the International Conference on Computer Assisted Survey Information Collection, December 12, 1996, San Antonio, Texas.
- “Workshop on Area Sampling,” short course presented at Beijing University, Research Center for Contemporary China, August 12-16, 1996; Institute of Sociology, Hanoi, Vietnam, April 28-May 2, 1997; Central Department of Population Studies, Tribhuvan University, Kathmandu, Nepal, May 5-9, 1997; and Institute of Statistics, Korea University, Seoul, Korea, October 20-24, 1997.
- “Telephone Survey Sampling,” short course presented with Clyde Tucker and Robert Casady at the Joint Statistical Meetings, August 3, 1996.
- “Introduction to Survey Sampling,” short course presented with Colm O’Muircheartaigh at the meetings of the American Association for Public Opinion Research, May 16, 1996, Salt Lake City, Utah.

- “Discussion on PC Software for Variance Estimation from Complex Sample Surveys,” presented at the Joint Statistical Meetings, August 14, 1995, Orlando, Florida.
- “A Comparison of Recording Errors Between CATI and Paper-and-Pencil Data Collection Modes,” presented at the Joint Statistical Meetings, August 14, 1995, Orlando, Florida.
- “Introduction to Survey Sampling,” short course presented annually with Colm O’Muircheartaigh for the Joint Program in Survey Methodology in 1994-2003.
- “Discussion of Survey Sampling Procedures,” presented at the COPAFS Conference, May 25, 1996, Bethesda, MD.
- “Telephone Sampling Methods,; presented to the Faculty of Social Science, Ljubljana University, August 23, 1993, Ljubljana, Slovenia.
- “Discussion on Inexpensive Methods for Survey Sampling in Developing Countries,” presented at the International Statistical Institute meetings, August 30, 1993, Florence, Italy.
- “Imputation for Wave Nonresponse in the SIPP,” presented at the Statistics Canada Symposium on Missing Data in Surveys, Ottawa, Canada, November, 1991.
- "Measurement Errors in Panel Surveys," invited paper presented at the International Conference on Measurement Errors, November 12, 1990, Tucson, Arizona.
- "Sampling the Difficult-to-Sample," presented to the American Institute of Nutrition, April 4, 1990, Washington, D.C.
- "Strategies to Improve Utilization of Cataract Surgery in South India," presented to the Cataract Control Workshop, November 3, 1989, Kathmandu, Nepal.
- "Telephone Sampling Methods in the United States," presented to the International Conference on Telephone Survey Methodology, November 9, 1987.
- "Weighted Least Squares Methods for Risk Assessment: An Application to Data From a Victimization Survey," presented to the Workshop on the National Crime Survey, July 13, 1987, College Park, Maryland.
- "The Treatment of Wave Nonresponse in Panel Surveys," presented to the International Symposium on Panel Surveys, Washington, D.C., November 21, 1986.
- "A Two Phase Design for Telephone Sampling," presented to the 146th Annual Meeting of the American Statistical Association, Chicago, Illinois, August 19, 1986.
- "Cumulative Logit Analysis of Survey Data," paper presented at the 20th National Meeting of the Public Health Conference on Records and Statistics, Washington, D.C., August 14, 1985.
- "Following Rules in the Survey of Income and Program Participation," paper presented at the Social Science Research Council Symposium on the Research Potential of the Survey of Income and Program Participation, Washington, D.C., November 11-13, 1984.
- "Tutorial on The Analysis of Categorical Data from Complex Sample Surveys," presented with Landis JR at the 143rd Annual Meeting of the American Statistical Association, Toronto, Canada, August 16, 1983; National Center for Health Statistics, Hyattsville, Maryland, November 3-4, 1983; Washington Statistical Society, Washington, D.C., June 1-2, 1984; 144th Annual Meeting of the American Statistical Association, Philadelphia, PA, August 14, 1984; National Institute on Occupational Safety and Health, Cincinnati, Ohio, November 23, 1987.
- "Impact of Bias on Dual Frame Survey Design," paper presented to the 144th Annual Meeting of the American Statistical Association, Philadelphia, PA, August 14, 1984.

- "Dual Frame, Mixed Mode Survey Designs for the National Crime Survey," seminar presented with Groves RM to the Statistical Research Division, U.S. Bureau of the Census, February 22, 1984.
- "Impact of Bias on Dual Frame Survey Allocation," seminar presented to the National Center for Health Statistics, Hyattsville, Maryland, February 17, 1984.
- "The Use of OSIRIS IV to Analyze Complex Sample Survey Data," paper presented at the 142nd Annual Meeting of the American Statistical Association, Cincinnati, Ohio, August 18, 1982.
- "A Program for the Analysis of Categorical Data from Complex Sample Surveys," paper presented at the 141st Annual Meeting of the American Statistical Association, Detroit, Michigan, August 11, 1981.
- "The Epidemiology of Blindness in Nepal: Design for a National Prevalence Survey and Ancillary Studies," presented to a National Eye Institute sponsored meeting on the Nepal Blindness Prevention and Control Project, San Francisco, California, December 12, 1979.
- "Strategies for the Analysis of Dental Data from the HES and HANES," paper presented to the Third Data Use Conference sponsored by the National Center for Health Statistics, Phoenix, Arizona, November 15, 1978.

Panels, Advisory Bodies, and Boards

- Member, National Academy of Sciences Committee on National Statistics Panel, Measuring Civic Engagement and Social Cohesion to Inform Policy, 2011-2013.
- Member, National Academy of Sciences/Transportation Research Board Planning Committee for the Conference on Meeting Critical Data Needs for Decision Making in State and Local Transportation Agencies, 2011.
- Member, Board of Scientific Advisors, Office of Justice Programs, Department of Justice, 2010-present.
- Member, Census Bureau Task Force on Cost Reduction for the National Crime Victimization Survey, 2010.
- Chair, American Statistical Association, Council of Sections Governing Board, 2010-2012.
- Member, National Academy Of Sciences/Transportation Research Board The Committee On Strategies for Improved Passenger And Freight Travel Data, 2009-2010.
- Member, American Statistical Association Survey Research Methods Section's Committee on the Behavioral Risk Factor Surveillance System, 2007-2009.
- Member, Board of Scientific Advisors, National Center for Health Statistics, 2006-2010.
- Liaison, National Committee on Vital and Health Statistics, on behalf of NCHS Board of Scientific Counselors, 2007-2010.
- Member, National Research Council Panel on the Biosecurity Survey, 2007-2008.
- Member, National Academy of Sciences Panel on the Bureau of Transportation Statistics International Trade Traffic, 2003-2005.
- Chair, American Statistical Association Survey Research Methods Section's Committee on the Behavioral Risk Factor Surveillance System, 2002-2006.
- Member, National Academy of Sciences Panel on the Bureau of Transportation Statistics Survey Systems, 2002-2004.

- Member, National Academy of Sciences Panel on the Evaluation of the USDA's Methodology for Estimating Eligibility and Participation for the WIC Program, 2000-2003.
- Program Chair, Survey Research Methods Section, American Statistical Association, 2001.
- Council Representative, Survey Research Methods Section, American Statistical Association, 1995-1997.
- Member, American Statistical Association Committee on Redesign of the National Crime Victimization Survey, 1992-1996.
- Member, National Academy of Sciences (Institute of Medicine) Committee on Food Additives Survey, March, 1990-September, 1993.
- Member, American Statistical Association Survey Research Methods Section Working Group on Technical Aspects of the Survey of Income and Program Participation, 1990-1994. Chair, 1993-1994.
- Associate Editor, *Journal of Official Statistics*, 1989-1993.
- Member, Expert Panel on Developing Core Indicators of Nutrition Status for Difficult-to-Sample Populations, Federation of American Societies for Experimental Biology, Bethesda, Maryland, 1989-90.
- Member, Informal Working Group on the Revision of the World Health Organization Eye Examination Record, Geneva, Switzerland, October, 1987.
- Member, Expert Panel on Estimating Dietary Exposure to Substances in the Food Supply, Federation of American Societies for Experimental Biology, Bethesda, Maryland, 1987-8.
- Member, Committee on Law and Justice Statistics, American Statistical Association, 1986-1992.
- Chair, Informal Working Group on the Revision of the World Health Organization Eye Examination Record, Geneva, Switzerland, October, 1985.
- Member, Expert Panel on Vitamin A Nutriture, Federation of American Societies for Experimental Biology, Bethesda, Maryland, 1985.
- Participant, World Health Organization Task Force on Evaluation Mechanisms for Programmes for the Prevention of Blindness, Geneva, Switzerland, March 25-29, 1984.
- Participant, Second General Assembly of the International Agency for the Prevention of Blindness, Washington, D.C., October 26, 1982.
- Observer, World Health Organization Task Force on Guidelines on Methods for Assessing the Magnitude and Nature of Avoidable Blindness, San Francisco, California, December 10-11, 1979.

Grants and Contracts

- “National Survey of Family Growth,” 2009-2011, PI, \$600,172 total cost.
- “Michigan dioxin exposure study,” 2004 to present, Dow Chemical, Inc., \$6,685,399 direct cost (\$3,604,130 indirect). David Garabrant, principal investigator; survey design co-investigator.
- “2003 analysis of GPS II US/European data,” 2003 to 2005, Ford Motor Company, \$28,675 direct cost (\$6,952 indirect). Principal investigator.
- “HANDLS sample design and selection,” 2002 to present, National Institute on Aging, \$115,391 direct cost (\$60,127 indirect). Principal investigator.

- “Detroit Center for Research on Oral Health Disparities,” 2001 to present, National Institute of Dental and Craniofacial Research, \$159,338.90 direct cost (\$81,262.56 indirect). Amid Ismail, principal investigator; survey design and statistical co-investigator.
- “Consultation for Census privacy research,” 2001 to 2003, Bureau of the Census, \$30,900 direct cost (\$10,400 indirect). Principal investigator; Eleanor Singer, project director.
- “Social and physical environments and health,” 2000 to 2005, National Institute of Environmental Health Sciences, \$42,212 direct cost (\$21,566 indirect). Amy Schultz, principal investigator; sample design co-investigator.
- “High achieving African American and Hispanic college students,” 1999-2000, Department of Education, \$14,400 direct cost. Statistical co-investigator.
- “Utility of dentin regeneration,” 1999-2001, National Institute of Dental and Craniofacial Research, \$422,300 direct cost (\$143,900 indirect). Amid Ismail, principal investigator; survey design and data collection co-investigator.
- “Dependent interviewing: literature review,” 1999, Bureau of the Census, \$17,200 direct cost (\$5,900 indirect). Principal investigator.
- “Methodological design and evaluation of the NHIS computer assisted interview,” 1998-2002, Association of Schools of Public Health, \$604,800 direct cost (\$196,100 indirect). Principal investigator.
- “Michigan Center for Excellence in Health Statistics,” 1999 to present, Centers for Disease Control (National Center for Health Statistics), \$2,379,200 direct cost (\$619,600 indirect). Principal investigator.
- “Experimenting with SSN requests and differential non-response,” 1998-2001, \$78,200 direct cost (\$200 indirect). Principal investigator; Eleanor Singer, project director.
- “Experimenting with SSN requests and differential non-response: data collection,” 1998-2001, \$326,400 direct cost (\$19,100 indirect). Principal investigator; Eleanor Singer, project director.
- “Ethnic influences on psychiatric diagnoses,” 1998-2000, National Institute on Mental Health, \$29,500 direct cost (\$10,200 indirect). Harold Neighbors, principal investigator; statistical co-investigator.
- “Cognitive interviews for Census 2000 form evaluation,” 1998, Bureau of the Census, \$16,500 direct cost (\$5,700 indirect). Principal investigator.
- “Effect of non-coverage error on the National Crime Victimization Survey,” 1996, American Statistical Association, \$7,900 direct cost (\$2,700 indirect). Principal investigator.
- “Preparing the NHIS for the 21st century,” 1996-7, Association of Schools of Public Health \$439,700 direct cost (144,000 indirect). Principal investigator.
- “American sexual networks,” 1998, National Institute of Child Health and Human Development, \$11,100 direct cost (\$3,800 direct). Kathy Ford, principal investigator; statistical co-investigator.
- “HSRC-CSD/ISR pilot training program in survey research for South Africans,” 1997-2002, Andrew W. Mellon Foundation, \$703,800 direct cost (\$3,800 indirect). David Featherman, principal investigator; project director.
- “Assessment and redesign of the Medicaid state profile data system,” 1995-6, Michigan Public Health Institute, \$7,900 direct cost (2,700 indirect). Principal investigator; Robert Belli project director.

“Hypertension risks in African Americans: Pitt County Study,” 1994-7, National Health, Lung, and Blood Institute, \$220,400 direct cost (\$70,400 indirect). Sherman James, principal investigator; survey design co-investigator.

“Initial studies related to the 1995 redesign of the National Health Interview Survey,” 1993-5, Association of Schools of Public Health, \$608,200 direct cost (\$169,600 indirect). Principal investigator.

“Joint Program in Survey Methodology: short courses,” 1993-7, short course series funded through course fees, \$258,500 direct cost. Principal investigator.

“Joint Program in Survey Methodology,” 1992 to present, subcontract from the University of Maryland from the National Science Foundation and Bureau of the Census, \$2,482,100 direct cost (\$732,400 indirect). Principal investigator.

“Joint Statistical Agreement: Imputation in the Survey of Income and Program Participation” 1991-3, Bureau of the Census, \$181,000 direct cost (\$64,500 indirect). Principal investigator.

“SES differences in morbidity and mortality,” 1990-2, National Institute on Aging, \$30,500 direct cost (9,200 indirect). James S. House, principal investigator; survey design and estimation co-investigator.

“Quick response survey design,” 1990-2, Bureau of Labor Statistics, \$25,100 direct cost (\$9,300 indirect). Principal investigator.

“Buffers for disabling conditions in the US,” 1988-90, National Institute of Arthritis and Musculoskeletal and Skin Diseases, \$19,300 direct cost (\$7,200 indirect). Lois Verbrugge, principal investigator; statistical and survey design co-investigator.

“Joint Statistical Agreement: Time-in-panel effects in the Survey of Income and Program Participation,” 1988-92, Bureau of the Census, \$107,300 direct cost (\$36,300 indirect). Principal investigator.

“Vitamin A Intervention Study,” 1988-92, National Eye Institute, \$27,200 direct cost (\$10,100 indirect). Robert Tilden, principal investigator; statistical and survey design co-investigator.

Graduate Supervision

PhD Thesis Supervision (since 2000):

Kevin Dombkowski, Dr.PH, Health Management and Policy, University of Michigan, 2001 (committee member; advisor on survey estimation)

Fang Liu, PhD, Biostatistics, University of Michigan, 2003(committee member)

Hui Zheng, PhD, Biostatistics, University of Michigan, 2003 (committee member; advisor on survey design)

Sonya Vartivarian, PhD, Statistics, University of Michigan, 2003 (committee member; advisor on survey estimation)

Sinan, Turkyilmaz, PhD, Demography, Hacettepe University (Turkey), 2003 (committee member; advisor on survey estimation)

Dawei Xie, PhD, Biostatistics, University of Michigan, 2004 (committee co-chair)

Marisol Tellez, PhD, Epidemiology, University of Michigan, 2004 (committee member; advisor on survey estimation)

- Ke Li, PhD, Engineering, University of Michigan, 2006 (committee member; advisor on sample design)
- Karen Long Jusko, PhD, Political Science, University of Michigan, 2008 (committee member)
- Qixuan Chen, Biostatistics, University of Michigan, 2009 (committee member)
- Katherine Dekas, Management and Operations, University of Michigan, 2009 (committee member)
- Courtney Kennedy, Survey Methodology, University of Michigan, 2009 (committee member)
- Matthew Jans, Survey Methodology, University of Michigan, 2010 (co-chair)
- Rachel Levenstein, Survey Methodology, University of Michigan, candidate, 2010 (chair)
- Dan Berebitsky, Education, University of Michigan, 2010 (committee member)
- Brady West, Survey Methodology, University of Michigan, 2011 (co-chair)
- Joe Sakshaug, Survey Methodology, University of Michigan, 2011 (committee member)
- Mahmoud Elkasabi, Survey Methodology, University of Michigan, candidate, expected completion 2013 (co-chair)
- Raphael Nishimura, Survey Methodology, University of Michigan, candidate, expected completion 2014 (chair)
- Massy Mutumba, Health Behavior and Health Education, University of Michigan, candidate, expected completion 2014 (committee member)
- Devan Donaldson, School of Information, University of Michigan, candidate, expected completion 2014 (committee member)

Masters Supervision:

- Graduate student research assistant supervisor, Department of Biostatistics and the Program in Survey Methodology at University of Michigan.
- Graduate student advisor, Program in Survey Methodology at the University of Michigan and the Joint Program in Survey Methodology at the University of Maryland.