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Background

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Education: Ph. D., Biostatistics (Survey Sampling), 1980, University of Michigan, (Dissertation: *Design Effects for Multivariate Categorical Interactions*)
M.P.H., Biostatistics, 1976, University of Michigan
B.A., 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
Member, International Statistical Institute, 1994
American Association for Public Opinion Research Innovator Award, 2004.

Professional Experience

2005- Professor, Department of Biostatistics, University of Michigan.
2004- Research Professor, Institute for Social Research, University of Michigan.
2002- Director, Program in Survey Methodology, University of Michigan.
1998- Research Professor, Joint Program in Survey Methodology, University of Maryland.
1998- 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.
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, James M., William A. Mosher, Karen A. Davis, Robert M. Groves, John van Hoewyk, and Jenefer Willem. *National Survey of Family Growth, Cycle 6: Sample Design, Weighting, Imputation, and Variance Estimation, Vital and Health Statistics, Series 2- No. XXX*. Department of Health and Human Services publication no. 06-XXXX. Public Health Service, Washington. U.S. Government Printing Office, 2006 (forthcoming).
- Eighth Conference on Health Survey Research Methods*. Cohen, SB, and Lepkowski, JM, eds. Hyattsville, MD: National Center for Health Statistics. 2004.
- Groves, Robert M., Fowler, J. Floyd, Couper, Mick P., Lepkowski, James M., Tourangeau, Roger, Singer, Eleanor. *Survey Methodology*. New York: J.W. Wiley and Sons, 2004.
- Lepkowski, James M. "More About Telephone Surveys," *What Is a Survey?* Alexandria, Virginia: American Statistical Association, 1999.
- Lepkowski, James M., J. Richard Landis, P. Ellen Parsons, and Sharon A. Stehouwer. "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, William R., Hillary A. Murt, J. William Thomas, James M. Lepkowski, Kenneth E. Guire, S.E. Berki, and J. Richard Landis, "Incidence, Utilization, and 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, Hillary A., P. Ellen Parsons, William R. Harlan, J. William Thomas, James M. Lepkowski, Kenneth E. Guire, S.E. Berki, and J. Richard Landis, "Disability, Utilization, and 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, P. Ellen, Richard Lichtenstein, S.E. Berki, Hillary A. Murt, James M. Lepkowski, Sharon A. Stehouwer, and J. Richard Landis, "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, S.E., James M. Lepkowski, Leon Wyszewianski, J. Richard Landis, M. Lou Magilavy, Catherine G. McLaughlin, and Hillary A. Murt, "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, J. Richard, James M. Lepkowski, Sharon A. Stehouwer, and Stephan A. Eklund. "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

- Lepkowski, James M. "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, James M., and Couper, Mick P. "Nonresponse in Longitudinal Household Surveys" Chapter 17 in *Survey Nonresponse*, Robert M. Groves et al., editors. New York: Wiley and Sons, 2001.
- Casady, Robert J., and James M. Lepkowski. "Telephone Sampling," Chapter 15 in *Sampling of Populations: Methods and Applications*, Paul Levy and Stanley Lemeshow. New York: Wiley and Sons, Inc., 1999.
- Lepkowski, James M., Sally A. Sadosky, and Paul S. Weiss. "Mode, Behavior, and Data Recording Accuracy," Chapter 19 in *Computer Assisted Survey Information Collection*, Mick P. Couper et al., editors. New York: Wiley and Sons, Inc., 1998.
- Casady, Robert J., and James M. Lepkowski. "ATelephone Sampling," *Encyclopedia of Biostatistics*, Peter Armitage and Theodore Colton, editors. New York: Wiley and Sons, Inc., 1998.
- Dykema, Jennifer, James M. Lepkowski, and Steven Blixt. "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, James M. "The treatment of wave nonresponse in panel surveys," in *Panel Surveys* (D. Kasprzyk, G. Duncan, G. Kalton, and M.P. Singh, eds.) New York: J.W. Wiley and Sons, 1989.
- Lepkowski, James M. "Telephone Sampling Methods in the United States," *Telephone Survey Methodology*, Robert M. Groves, et al., eds. New York: Wiley and Sons, 1988.

Refereed Publications

- Davern, Michael, Arthur Jones Jr., James Lepkowski, Gestur Davidson, and Lynn A. Blewett. "Unstable Inferences? An Examination of Complex Survey Sample Design Adjustments

- using the Current Population Survey for Health Services Research.” *Inquiry* (Forthcoming Fall 2006).
- Davern, Michael, James Lepkowski, Kathleen Thiede Call, Tracy L. Johnson, Karen Goldstein, April Todd Malmov and Lynn A. Blewett. “Telephone Service Interruption Weighting for State Health Insurance Surveys.” *Inquiry*, 41, pp. 280-290.
- Birch S, Sohn W, Ismail AI, Lepkowski J, Belli R. Willingness-to-pay for dentin regeneration in a sample of dentate adults. *Community Dentistry and Oral Epidemiology* 2004; 32: 210-216
- Ismail AI, Birch S, Sohn W, Lepkowski JM, Belli RF. Utilities of dentin regeneration among insured and uninsured adults. *Community Dentistry and Oral Epidemiology* 2004;32:55-66.
- Ford, Kathy, Woosung Sohn, and James M. Lepkowski. "Ethnicity, Area Characteristics, and Sexual Partner Choice among American Adolescents," *Journal of Sex Research*, 40, May, 2003: 211-218.
- Tucker, Clyde, James M. Lepkowski, and Linda Piekarski. “List assisted sampling: The Effect of Telephone System Changes on Design,” *Public Opinion Quarterly*, 66 (2003), 321-338.
- Ford K, Sohn W, Lepkowski J. American Adolescents: Sexual Mixing Patterns, Bridge Partners, and Concurrency. *Sexually Transmitted Diseases* 2002;29(1):13-19.
- Raghunathan, Trivellore E., James M. Lepkowski, John Van Hoewyk, and Peter Solenberger. “Sequential Regression Imputation for Survey Data,” *Survey Methodology*, 27 (2001): 85-96.
- Ford, Kathy, Woosung Song, and James M. Lepkowski. “Characteristics of Partners of American Adolescents and Their Association With the Use of Condoms and Other Contraceptive Methods”, *Family Planning Perspectives*, 33 (2001): 100-105 & 132.
- Ford, Kathleen, Woosung Sohn, James Lepkowski. “American Adolescents: Sexual Mixing Patterns, Bridge Partners, and Concurrency,” *Sexually Transmitted Diseases*, 29 (2002): 13-19.
- Lantz, Paula M., Lynch, John W., House, James S., Lepkowski, James M., Mero, Richard P., Musick, Marc, and Williams, David R. “Socioeconomic disparities in health change in a longitudinal study of US adults: the role of health-risk behaviors,” *Social Science & Medicine*, 53. (2001): 29-40.
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- Lantz, Paula, James S. House, James M. Lepkowski, David R. Williams, Richard P. Mero, and Jieming Chen. “Socioeconomic Factors, Health Behaviors, and Mortality: Results From a Nationally-Representative Prospective Study of US Adults,” *Journal of the American Medical Association*, Vol. 279 (1998): 1703-1708.
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- Pant, C.R., G.P. Pokhrel, F. Curtale, R.P. Pokhrel, R.N.Grosse, J. Lepkowski, Muhilal, M. Bannister, J. Gorstein, S. Pak-Gorstein, Atmarita, and R.L. Tilden. “Impact of Nutritional Education and Mega-dose Vitamin A Supplementation on the Health of Children in Nepal,” *Bulletin of the World Health Organization*, 74 (1996): 533-545.
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- Casady, Robert J., and James M. Lepkowski. "Stratified Telephone Survey Designs," *Survey Methodology*, 19 (1993): 103-113.
- Tucker, Clyde, James M. Lepkowski, Robert J. Casady, and Robert M. Groves. "Commercial Residential Telephone Lists: Their Characteristics and Uses in Survey Design," *Social Science Computer Review*, 10 (1992): 158-172.
- Lichtenstein, R., J.W. Thomas, B. Watkins, C. Puto, J.M. Lepkowski, J. Adams-Watson, B. Simone, and D. Vest. "HMO Marketing and Selection Bias: Are TEFRA HMOs Skimming?" *Medical Care*, 30 (1992): 329-345.
- Lepkowski, James M. "Sampling the Difficult to Sample," *Journal of Nutrition*, 121 (1991): 416-423.
- Brilliant, Girija E., James M. Lepkowski, Beatriz Zurita, R.D. Thulasiraj, and the Operations Research Group. "Social Determinants of Cataract Surgery Utilization in South India," *Archives of Ophthalmology*, 109 (1991).
- Ellwein, Leon B., James M. Lepkowski, R.D. Thulasiraj, Girija E. Brilliant, and the Operations Research Group. "The Cost Effectiveness of Strategies to Reduce Barriers to Cataract Surgery," *International Ophthalmology*, 15 (1991): 175-183.
- Lichtenstein, R., J.W. Thomas, J. Adams-Watson, J.M. Lepkowski, and B. Simone. "Selection Bias in TEFRA At-Risk HMO'S," *Medical Care*, 29 (1991), 318-331.
- Verbrugge, Lois M., Lisa L. Konkal, and James M. Lepkowski. "Level of Disability Among U.S. Adults with Arthritis," *Journal of Gerontology*, 46 (1991): S71-83.
- Verbrugge, Lois M., James M. Lepkowski, and Yuichi Imanaka. "Comorbidity and Its Influence on Disability," *Milbank Memorial Quarterly*, 67 (1989): 3-4, 450-484.
- Venkataswamy, G., James M. Lepkowski, R.D. Thulasiraj, G.E. Brilliant, K. Shanmugham, K. Vaidyanathan, and Robert L. Tilden. "Rapid Epidemiologic Assessment of Cataract Blindness," *International Journal of Epidemiology*, 18 (1989).
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- Lepkowski, James M., J. Richard Landis, and Sharon A. Stehouwer. "Strategies for the Analysis of Imputed Data in a Sample Survey," *Medical Care*, 25 (1987): 705-715.
- Traugott, Michael W., Robert M. Groves, and James M. Lepkowski. "Using Dual Frame Designs to Reduce Nonresponse in Telephone Surveys," *Public Opinion Quarterly*, Winter, 1987: 522-539.
- Lepkowski, James M. and Robert M. Groves. "A Mean Square Error Model for Dual Frame, Mixed Mode Survey Design," *Journal of the American Statistical Association*, 81 (1986): 930-937.
- Mitchell, Braxton D. and James M. Lepkowski. "The Epidemiology of Cataract in Nepal," *Human Biology*, 58 (1986): 975-990.
- Brilliant, Lawrence B., Ram Prasad Pokhrel, Nicole C. Grasset, James M. Lepkowski, Albert Kolstad, William N. Hawks, Ram Pararajasegaram, Girija E. Brilliant, Suzanne Gilbert, K. Konyama, S. R. Shrestha, and Jeanne Kuo, "Epidemiology of Blindness in Nepal," *Bulletin of the World Health Organization*, 63 (1985): 375-386.
- Groves, Robert M. and James M. Lepkowski. "Dual Frame, Mixed Mode Survey Designs," *Journal of Official Statistics*, (1985): 263-286.
- Kalton, Graham and James M. Lepkowski. "Following Rules in SIPP," *Journal of Economic and Social Measurement*, 13 (1985): 319-330.
- Duncan, Greg J. and James M. Lepkowski. "Statistical Computing in a Survey Research Setting," *The Professional Statistician*, 3 (1984): 12-15.
- Brilliant, Lawrence B., Ram Prasad Pokhrel, Nicole C. Grasset, James M. Lepkowski, Albert Kolstad, William N. Hawks, Ram Pararajasegaram, Girija E. Brilliant, Suzanne Gilbert, K. Konyama, S. R. Shrestha, and Jeanne Kuo, "Prevalence and Causes of Blindness in Nepal," *World Health Statistics Quarterly*, 37 (1984): 162-185.

- Brilliant, Lawrence B., Nicole C. Grasset, Ram Prasad Pokhrel, Albert Kolstad, James M. Lepkowski, Girija E. Brilliant, William N. Hawks, and Ram Pararajasegaram. "Associations Among Cataract Prevalence, Sunlight Hours, and Altitude in the Himalayas," *American Journal of Epidemiology*, 118 (1983): 250-64.
- Brilliant, Lawrence B., James M. Lepkowski, and David Musch. "Reliability of Ophthalmic Diagnoses in an Epidemiologic Survey," *American Journal of Epidemiology*, 118 (1983): 265-79.

Non-Refereed Publications

- Groves, Robert M., James M. Lepkowski, John van Hoewyk, Paul Schultz, "Real-time propensity models for responsive survey design and post-survey adjustment through propensity models: comparison of model fit and model specification," presented to the American Association for Public Opinion Research Annual Meeting, Miami, FL, May, 2005.
- Groves, Robert M., James M. Lepkowski, Paul Schultz, William Mosher, "Responsive survey design: using propensity models to guide survey administration," presented to the American Association for Public Opinion Research Annual Meeting, Phoenix, AZ, May, 2004.
- Kim, Sunwoong, and Lepkowski, James M. "The Effect of Mobile Phones on Household Coverage," *Proceedings of the Survey Research Methods Section, American Statistical Association*, 2003.
- Lepkowski, James M.. "Review of Analysis of Health Surveys," *Field Methods* 13 (2001), no. 2, pp. 220.
- Lepkowski, James M., Karen E. Davis, Krishna Winfrey, Roger Tourangeau, & Robert M. Groves. "Coverage, Nonresponse, and Cost Tradeoffs Using a One-Question Screener for Age Eligibility in Household Surveys," *Proceedings of the Survey Research Methods Section, American Statistical Association*, 2001.
- Molina-Curz, Roberto A., David J. Fitch, and James M. Lepkowski . "Monitoring salt iodination in developing countries," *Proceedings of the Survey Research Methods Section, American Statistical Association*, 2001.
- Tucker, Clyde, James M. Lepkowski, and Linda Piekarski. "List Assisted Sampling: The Effect of Telephone System Changes on Design," *Proceedings of the Survey Research Methods Section, American Statistical Association*, 2001.
- James M. Lepkowski, Mick P. Couper, Nancy Mathiowetz, Roger Tourangeau, and Trivellore Raghunathan. "Survey Methodology Research For Improved Health Statistics," *Proceedings of the Section on Survey Research Methods, American Statistical Association*, 2000.
- Lepkowski, James M. "Discussion: Needs for State and Local Data of National Relevance," *Proceedings of the Seventh Health Survey Research Methods Conference*. Washington, DC: National Center for Health Statistics, 1999.
- Belli, Robert F. and James M. Lepkowski. "Behavior of Survey Actors and the Accuracy of Response," *Proceedings of the Sixth Health Survey Methods Research Conference*. Washington, D.C.: Agency for Health Care Policy and Research, 1996: 69-74.
- Hill, Daniel H. and James M. Lepkowski. "Behavioral Contagion in the Health Field Survey," *Proceedings of the Sixth Health Survey Methods Research Conference*. Washington, D.C.: Agency for Health Care Policy and Research, 1996: 63-68.
- Lepkowski, James M., Sally A. Sadosky, Mick P. Couper, Stephanie Chardoul, Lisa Carn, and Lesli-Jo Scott. "A Comparison of Recording Errors Between CATI and Paper-and-Pencil Data Collection Modes," *Proceedings of the Section on Survey Research Methods, American Statistical Association*, 1995: 521-526.
- Jay, Gina M., Robert F. Belli, and James M. Lepkowski. "Quality of Last Doctor Visit Report: A Comparison of Medical Records and Survey Data," *Proceedings of the Section on Survey Research Methods, American Statistical Association*, 1994: 362-367.

- Lepkowski, James M., David P. Miller, Graham Kalton, and Rajendra P. Singh. "Imputation for Wave Nonresponse in the SIPP," *Proceedings of the 1992 Statistics Canada Symposium*: 99-112.
- Tucker, Clyde, Robert Casady, and James Lepkowski. "Sample Allocation for Stratified Telephone Sample Designs," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1992*: 291-296.
- Miller, David P., James M. Lepkowski, and Graham Kalton. "Estimating Duration of Food Stamp Spells from the SIPP," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1992*: 560-565.
- Pennell, Steven G. and James M. Lepkowski. "Panel Conditioning Effects in the Survey of Income and Program Participation," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1992*: 566-571.
- Casady, Robert J. and James M. Lepkowski. "Optimal Allocation for Stratified Telephone Survey Designs," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1991*: 111-116.
- Tucker, Clyde, Robert J. Casady, and James M. Lepkowski. "An Evaluation of the 1988 Current Point-of-Purchase CATI Feasibility Test," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1991*: 508-513.
- Kalton, Graham, James M. Lepkowski, G.E. Montanari, and Dalisay Maligalig, "Characteristics of Second Wave Nonrespondents in a Panel Survey," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1990*: 462-467.
- Lepkowski, James M., Graham Kalton, and Daniel Kasprzyk, "Weighting Adjustments for Partial Nonresponse in the 1984 SIPP Panel," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1989*.
- Lepkowski, James M. and Robert M. Groves. "A Two Phase Probability Proportional to Size Design for Telephone Sampling From Telephone List Frames," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1986*: 357-362.
- Groves, Robert M. and James M. Lepkowski. "An Experimental Implementation of a Dual Frame Telephone Sample Design," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1986*: 340-345.
- Heeringa, Steven G. and James M. Lepkowski. "Longitudinal Imputation for the SIPP," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1986*: 206-210.
- Lepkowski, James M. and J. Richard Landis. "Cumulative Logit Analysis of Survey Data," *Proceedings of 20th National Meeting of the Public Health Conference on Records and Statistics, August, 1985*: 236-241.
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- Groves, Robert M. and James M. Lepkowski. "Cost and Error Modelling for Large-Scale Telephone Surveys," *Proceedings of the Bureau of the Census First Annual Research Conference, 1985*: 330-337.
- Lepkowski, James M. and Robert M. Groves. "The Impact of Bias on Dual Frame Survey Design," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1984*: 265-270.
- Landenberger, Bryce L., Robert M. Groves, and James M. Lepkowski. "A Comparison of Listed and Randomly Dialed Telephone Numbers," *Proceedings of the Section Survey Research Methods, American Statistical Association, 1984*: 280-284.
- Lepkowski, James M., Sharon A. Stehouwer, and J. Richard Landis. "Strategies for the Analysis of Imputed Data in a Sample Survey," *Proceedings of the Section on Survey Research Methods, American Statistical Association, 1984*: 622-627.

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- Groves, Robert M., James M. Lepkowski, and Peter V. Miller. "Measuring Victimization: NCS Questionnaire and Sample Redesign Issues," *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 1981: 1-10.
- Lepkowski, James M., Judy B. Bromberg, and J. Richard Landis. "A Program for the Analysis of Categorical Data from Complex Sample Surveys," *Proceedings of the Statistical Computing Section of the American Statistical Association*, 1981: 8-15.
- Lepkowski, James M., and J. Richard Landis. "Design Effects for Linear Contrasts of Proportions and Logits," *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 1980: 224-229.
- Lepkowski, James M., and J. Richard Landis. "Strategies in the Analysis of the Dental Data from the HES and HANES," *Contributed Papers to the Third Data Use Conference*, pp. 99-115. Washington, D.C.: National Center for Health Statistics, Department of Health, Education and Welfare, 1979.

Research Reports

- Lepkowski, James M. *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, James M., Steven G. Pennell, David P. Miller, Elma Luis, and Graham Kalton. *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, Graham, David P. Miller, and James M. Lepkowski. *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, Harold W., Donald H. Williams, Thomas B. Gunnings, Wanda D. Lipscomb, Clifford Broman, and James M. Lepkowski. *The Prevalence of Mental Disorder in Michigan Prisons*. Department of Community Health Programs, School of Public Health, University of Michigan, July, 1987.
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- Vinokur, Amiram, Charles F. Cannell, Stephen A. Eraker, F. Thomas Juster, James M. Lepkowski, and Nancy Mathiowetz. *The Role of Survey Research in the Assessment of Health and Quality of Life Outcomes of Pharmaceutical Interventions*. Pharmaceutical Manufacturers Association, Washington, D.C., June, 1983.

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- Groves, Robert M., and James M. Lepkowski. *Dual Frame, Mixed Mode Survey Designs for the National Crime Survey*. Survey Research Center, University of Michigan, September, 1982.
- Lepkowski, James M., and Graham Kalton. *Investigations of Longitudinal Imputation Strategies for the ISDP Research Panels*. Survey Research Center, University of Michigan, March, 1982.
- Lepkowski, James M. *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, James M. *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.
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- Hill, Daniel H., Robert M. Groves, E. Phillip Howry, Christopher A. Kline, Daniel F. Kohler, James M. Lepkowski, and Marc A. Smith. *Evaluation of the Federal Energy Administration's Load Management and Rate Design Demonstration Projects*. Palo Alto, California: Electric Power Research Institute, 1979.
- Lepkowski, James M., Mohammed Sayed, and Omer El Hag Suleiman. *Active Search Operations: Equatoria Province, Sudan*. Geneva, Switzerland: World Health Organization Mimeograph WHO/SE/73.60, 1973.
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Manuscripts in Process

- Davern, Michael, Arthur Jones Jr., James Lepkowski, Gestur Davidson, and Lynn A. Blewett. "Estimating Standard Errors for Regression Coefficients Using the Current Population Survey's Public Use File." *Revise and resubmit. Inquiry*.
- Ismail, Amid I., Woosung Sohn, James Betz, Marisol Tellez, Jenefer Willem, and James M. Lepkowski, "The epidemiology of dental caries of a high-risk population using the International Caries Detection and Assessment System (ICDAS)," under review.
- Lepkowski, James M., Sungwoong Kim, Frost Hubbard, Charlotte Steeh, "Dual frame landline-mobile telephone survey design," in preparation.
- Lepkowski, James M., Howard Schuman, Rui Wang, and Richard Curtin. "Listed Numbers and Do Not Call Registration in a National Telephone Survey," in preparation.
- Lepkowski, James M., Clyde Tucker, Michael Brick, Edith de Leeuw, Lilli Japac, Paul Lavrakas, Michael Link, Robie Sangster, *Advances in Telephone Survey Methodology*. New York: J.W. Wiley and Sons, (forthcoming, 2007).
- Olson, Kristen, Mary Cay Murray, Jessica Cardoni, Mike Battaglia, and James M. Lepkowski, "Partial Interviews and Data Quality in a Large Telephone Screening Survey," in preparation.
- Olson, Kristen, Trivellore Raghunathan, James M. Lepkowski, "Bayesian methods for estimating sample size in surveys with multiple levels of screening, eligibility, and nonresponse," resubmitted, *Survey Methodology*.

Professional Presentations

- “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, and 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 Trivellore Raghunathan, presented to the Joint Statistical Meetings, August, 2000, Baltimore, Maryland.
- “Multiple Imputation for Disclosure Limitation,” with Trivellore Raghunathan, 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 Trivellore Raghunathan 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 J. Richard Landis 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 Robert M. Groves 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 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, 2002-2005.

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 to present.

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

"Michigan dioxin exposure study," 2004 to present, Dow Chemical, Inc., \$39,500 (\$14,500 indirect). David Garabrant, principal investigator; survey design co-investigator.

“2003 analysis of GPS II US/European data,” 2003 to present, Ford Motor Company, \$36,300 (\$14,600). Principal investigator.

“HANDLS sample design and selection,” 2002 to present, National Institute on Aging, \$108,500 (\$37,000 indirect). Principal investigator.

“Detroit Center for Research on Oral Health Disparities,” 2001 to present, National Institute of Dental and Craniofacial Research, \$157,900 (\$53,300 indirect). Amid Ismail, principal investigator; survey design and statistical co-investigator.

“Consultation for Census privacy research,” 2001-3, Bureau of the Census, \$30,900, (\$10,400 indirect). Principal investigator; Eleanor Singer, project director.

“Social and physical environments and health,” 2000 to present, National Institute of Environmental Health Sciences, \$48,600 (\$16,500 indirect). Amy Schultz, principal investigator; sample design co-investigator.

“High achieving African American and Hispanic college students,” 1999-2000, Department of Education, \$14,400. Statistical co-investigator.

“Utility of dentin regeneration,” 1999-2001, National Institute of Dental and Craniofacial Research, \$422,300 (\$143,900). Amid Ismail, principal investigator; survey design and data collection co-investigator.

“Dependent interviewing: literature review,” 1999, Bureau of the Census, \$17,200 (\$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 (\$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 (\$619,600 indirect). Principal investigator.

“Experimenting with SSN requests and differential non-response,” 1998-2001, \$78,200 (\$200 indirect). Principal investigator; Eleanor Singer, project director.

“Experimenting with SSN requests and differential non-response: data collection,” 1998-2001, \$326,400 (\$19,100 indirect). Principal investigator; Eleanor Singer, project director.

“Ethnic influences on psychiatric diagnoses,” 1998-2000, National Institute on Mental Health, \$29,500 (\$10,200 indirect). Harold Neighbors, principal investigator; statistical co-investigator.

- “Cognitive interviews for Census 2000 form evaluation,” 1998, Bureau of the Census, \$16,500 (\$5,700 indirect). Principal investigator.
- “Effect of non-coverage error on the National Crime Victimization Survey,” 1996, American Statistical Association, \$7,900 (\$2,700 indirect). Principal investigator.
- “Preparing the NHIS for the 21st century,” 1996-7, Association of Schools of Public Health \$439,700 (144,000 indirect). Principal investigator.
- “American sexual networks,” 1998, National Institute of Child Health and Human Development, \$11,100 (\$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 (\$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 (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 (\$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 (\$169,600 indirect). Principal investigator.
- “Joint Program in Survey Methodology: short courses,” 1993-7, short course series funded through course fees, \$258,500. 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 (\$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 (\$64,500 indirect). Principal investigator.
- “SES differences in morbidity and mortality,” 1990-2, National Institute on Aging, \$30,500 (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 (\$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 (\$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 (\$36,300 indirect). Principal investigator.

“Vitamin A Intervention Study,” 1988-92, National Eye Institute, \$27,200 (\$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)

James Wagner, pre-candidate, Survey Methodology, University of Michigan (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.