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EDUCATION

Ph.D.	Biostatistics	University of Michigan	1999
M.S.	Biostatistics	University of Michigan	1997
B.A.	Mathematics	University of Chicago	1985

POSTIONS

2005-present Professor of Biostatistics (Assistant Professor 2005-2008, Associate Professor 2008-2012), Department of Biostatistics, University of Michigan School of Public Health, Ann Arbor, MI

2005-present Research Professor (Assistant Research Professor 2005-2008, Associate Research Professor 2008-2012), Survey Methodology Program, Survey Research Center, Institute for Social Research, Ann Arbor, MI

2000-2005 Assistant Professor of Biostatistics, Clinical-Educator, Center for Clinical Epidemiology and Biostatistics, Department of Biostatistics and Epidemiology, University of Pennsylvania School of Medicine, Philadelphia, PA

1995-1999 Research Assistant
Department of Biostatistics, University of Michigan, Ann Arbor, MI
University of Michigan Transportation Research Institute, Ann Arbor, MI

1988-1995 Senior Research Associate
Northeast Research, Orono, ME

1987-1988 High School Teacher
Hyde School, Bath, ME

1985-1987 Technical Writer
Bell Laboratories, North Andover, MA

2012 Visiting Fellow
Department of Statistics, London School of Economics
London, UK

2000 Visiting Professor of Biostatistics
Department of Biostatistics, University of Michigan School of Public Health, Ann Arbor, MI

2000 Visiting Research Scientist
University of Michigan Transportation Research Institute, Ann Arbor, MI

AFFILIATIONS

2011- present University of Michigan Injury Research Center

2010-present University of Michigan Cancer Center

2005-present Population Study Center Research Affiliate, Institute for Social Research, Ann Arbor, MI

2005-present Adjunct Associate Professor (Adjunct Assistant Professor 2005-2008)
Department of Biostatistics and Epidemiology, University of Pennsylvania School of Medicine, Philadelphia, PA

ACADEMIC HONORS

2011: Elected Fellow, American Statistical Association

2010: Washington D.C. Statistical Society Gertrude M. Cox Award

2002, 2007: University of Michigan Transportation Research Institute Best Publication Award

2006: Elected Member of the International Statistical Institute

2001: Travel Award Winner, Wayne Fuller 70th Birthday Conference, Iowa State University Department of Statistics.

1999-2000: Rackham Predoctoral Fellowship, University of Michigan.

1996-1998: National Mental Health Institute Pre-doctoral Training Grantee.

1996: Outstanding Achievement in First Year Master's Program, Department of

Biostatistics, University of Michigan.

1985: Conferred Cum Laude University of Chicago.

1981-1985: University of Chicago's Dean's List.

GRANTS

Current

Biostatistician, *University of Michigan Injury Control Research Center* (8/01/12-7/31/17), Centers for Disease Control (10% support)

Co-Primary Investigator, *Addressing Disclosure Risk of Contextualized Microdata in Survey Design* (12/01/11-11/31/16), R01 Grant (15% support)

Co-Investigator, *Comparing Alternative Measures of the Quality of Survey Data* (PI: J. Wagner, 9/01/11-9/01/13), R03 grant (2% support)

Biostatistician, *Estimating Probability of Selection of CIREN Cases* (PI: Carol Flannigan, 5/01/11-5/01/15), NHTSA Grant (10% support)

Principal Investigator, *Hierarchical Bayesian Analysis of Complex Sample Survey Data*, (7/1/09-6/30/13), R01 grant, National Cancer Institute (18% support)

Co-Investigator, *Statistical Methods for Cancer Biomarkers*, (PI: J. Taylor, 12/1/08-11/30/14), R01 grant, National Cancer Institute (5% support)

Principle Investigator, *The National Children's Study*, Contract, National Institute of Child Health and Human Development (9/28/07-3/31/13) (5% support)

Biostatistician, *Understanding Social Disparities in Health and Aging* (PI: P. Lantz, 9/01/06-2/28/15), R01 grant, National Institute of Aging (5% support)

Biostatistician, *Youthful Driver Initiative*, (PI: F. Winston, D. Durbin, 9/01/06-12/31/12), Sole source contract, State Farm Insurance (5% support)

Pending

Biostatistician, *Peer vs. Mental Health Provider Outreach in IL National Guard Units: a Cluster Randomized Trial*, (PI: M .Valenstein, 12/1/12-11/30/17), Veteran's Administration (5% Support).

Principal Investigator, *Improving Robustness-Efficiency Tradeoffs in Analysis of Survey Data with Extreme Design-based Weights, with Application to Small Area Estimation*, (7/01/13-6/30-15) NSF grant (12% support).

Biostatistician, *Longitudinal Patterns of Depressive Symptoms in Older Adults: Predictors and Outcomes* (PI: K. Zivin, 7/01/13-6/30/16), R01 grant, National Institute of Aging (10% support)

Former

Principal Investigator, *Methods for Studying Variability as a Predictor of Health Status*, (9/1/10-8/31/12), R03 grant, National Institute for Aging (8% support)

Co-Investigator, *Negative Working Conditions and Health Across the Career*, R03 grant, National Institute of Mental Health (PI: S. Burgard, 9/1/09-8/31/12) (5% support)

Co-Investigator, *Causal Methods for Mediation and Interaction*, (PI: T. Ten Have, 9/1/07-5/31/12), R01 grant, National Institute of Mental Health (15% support)

Biostatistician, *Causal Estimates of Neighborhood Poverty on Health and Mortality*, (P.I., D. Phuong (Phoenix) Do, 9/1/09-8/30/11), R21 Grant, National Institutes of Health (5% support)

Co-Investigator, *Secular Change in Menstrual Function*, R01 grant, National Institute of Child Health and Human Development (PI: S. Harlow, 2/1/08-4/30/11) (10% support)

Co-Principal Investigator, *Evaluation Of State Of Louisiana's `Value Added Teacher Preparation Program'*, Sole Source Contract, State of Louisiana (PI: B. Rowan, 3/01/08-6/30/09) (1% support)

Co-Investigator, *Continued Development of Methods for Appropriate Analysis of CIREN Data* Contract, Traffic Safety Administration. (P.I. Jonathan Rupp, 9/01/08-4/30/09) (5% support).

Co-Investigator, *Estimation of Disclosure Risk and Statistical Methods for Disclosure Limitation*, (PI: T. Raghunathan, 9/01/05-12/31/08) R01 grant, National Institute of Child Health and Human Development (10% support)

Principal Investigator, *Model-Based Approaches to the Analysis of Weighted Data*, (8/01/03-7/31/07), R01 grant, National Heart, Lung, and Blood Institute (30% support)

Biostatistician, *Alcohol Related Risk Behavior-Adolescent to Young Adult-ISR* (PI: J. Shope, 1/01/06-6/30/07), R01 grant, National Institute of Alcohol and Alcohol Abuse (5% support)

Biostatistician, *NHIS Data to Estimate Catastrophically Disabled Young Veterans*, (P.I. B. Kinosian, 9/01/05-6/30/07), IPA, Veterans Administration (20% support)

Principal Investigator, *Combining Data from NHIS and BRFSS*, (6/01/03-8/31/05), R03 grant, National Cancer Institute (15% support)

Biostatistician, *A Case-Control Study of Alcohol Outlets and Firearm Violence*, (PI: Charles Branas, 9/01/02-8/31/05), R01 grant, National Institute of Alcohol and Alcohol Abuse (10% support)

Biostatistician, *Secondary Analysis of EPA RPN* Data*, (PI: Paul Kleindorfer, 7/01/00-8/31/05), Cooperative agreement, Environmental Protection Agency (10% support)

Biostatistician, *The State of Child Occupant Protection*, (PI: F. Winston, D. Durbin, 7/01/00-8/31/05), Sole source contract, State Farm Insurance (20% support)

Biostatistician, University of Pennsylvania Cancer Center Core Support Grant (10/01/00-11/30/04), National Cancer Institute (5% support)

Biostatistician, *An EXPORT Center of Excellence for Inner City Health* (PI: Shiriki Kumanyika and Jerry Johnson, 10/1/02-7/31/03), P30 grant, National Institute of Health (10% support)

Primary Investigator, *Combining Information from the 2000 Census, ACE Survey, and Demographic Analysis*, IPA, US Census Bureau (4/01/01-9/30/02) (20% support)

Primary Investigator, *Combining the National Health Interview Survey and Behavioral Risk Factor Surveillance Survey*, Sole source contract, National Cancer Institute (10/01/01-9/30/02) (10% support)

Biostatistician, *Probing Drug-Related Mental Disorders of Aging* (PI: Ira Katz, 7/01/00-6/30/02), R01 grant, National Institute of Mental Health (10% support)

Biostatistician, *Biological Markers of Breast Disease*, (PI: Barbara Weber, J. Richard Landis, 7/01/00-4/01/01), R01, National Cancer Institute (15% support)

RESEARCH PUBLICATIONS (*=Elliott's doctoral advisee/co-advisee)

1. **Elliott, M.R**., Little, R.J.A., Lewitzky, S. (2000). "Subsampling Callbacks to Improve Survey Efficiency," *Journal of the American Statistical Association*, **95**, 730-738.

2. **Elliott, M.R**., Little, R.J.A. (2000). "A Bayesian Approach to Combining Information from a Census, a Coverage Measurement Survey and Demographic Analysis," *Journal of the American Statistical Association*, **95**, 351-362.

3. **Elliott, M.R**., Little, R.J.A. (2000). "Model-based Alternatives to Trimming Survey Weights," *Journal of Official Statistics*, **16**, 191-209.

4. **Elliott, M.R**., Waller, P.F., Raghunathan, T.E., Shope, J.T., Little, R.J.A. (2000). "Persistence of Violation and Crash Behavior over Time," *Journal of Safety Research*, **31**, 229-242.

5. Shope, J.T., **Elliott, M.R**., Raghunathan, T.E., Waller, P.F. (2001). "Long-term Follow-up of a High School Alcohol Misuse Prevention Program's Effect on Students' Subsequent Drinking," *Alcoholism: Clinical and Experimental Research*, **25**, 403-410.

6. Winston, F.K., Kallan, M.J., **Elliott, M.R**., Menon, R., Durbin, D.R. (2001). "Risk of Injury to Child Passengers in Compact-Extended Cab Pick-up Trucks," *Journal of the American Medical Association*, **287**, 1147-1152.

7. Winston, F.K., Kallan, M.J., **Elliott, M.R**., Menon, R., Durbin, D.R. (2001). "Rear Seating and Risk of Injury to Child Occupants by Vehicle Type," *Annual Proceedings of AAAM. Association for the Advancement of Automotive Medicine*, **45**, 51-60.

8. Durbin D.R., **Elliott M.R**., Arbogast K.B., Anderko R.L., Winston F.K. (2001). "The Effect of Seating Position on Risk of Injury to Children in Side Impact Crashes," *Annual Proceedings of AAAM. Association for the Advancement of Automotive Medicine*, **45**, 61-72.

9. Molnar, L., Shope, J.T., **Elliott, M.R**., Waller, P.F. (2001). "Graduated Driver Licensing in Michigan: Early Impact on Motor Vehicle Crashes Among Young, Beginning Drivers," *Journal of the American Medical Association*, **286**, 1593-1598.

10. **Elliott, M.R**., Waller, P.F., Raghunathan, T.E., Shope, J.T. (2001). "Predicting Offenses and Crashes from Drivers' Offense and Crash Histories," *Crash Prevention and Injury Control*, **3**, 167-178.

11. Waller, P.F., **Elliott, M.R**., Shope, J.T., Raghunathan, T.E., Little, R.J.A. (2001). "Changes in Young Adult Offense and Crash Patterns over Time," *Accident Analysis and Prevention*, **33**, 117-128.

12. **Elliott, M.R.**, Sammel, M.D. (2002). "Discussion of 'Latent Class Analysis of Complex Sample Survey Data: Application to Dietary Data'," *Journal of the American Statistical Association*, **97**, 732-734.

13. **Elliott, M.R.,** Raghunathan, T.E., Shope, J.T., (2002). "The Effect of Age at Time-of-License and Duration of Licensure on Risk of Vehicular Crash: Parametric Analysis of Repeated Time-to-Event Measures," *Journal of the American Statistical Association*, **97**, 420-431.

14. Palaniappan, L., Anthony, M-N, **Elliott, M.R**., Killeen, A., Giacherio, D., Rubenfire, M. (2002). "Cardiovascular Risk Factors in Young Minority Women," *American Journal of Cardiology*, **89**, 524-529.

15. **Elliott, M.R**., Shope, J.T. (2003). "Use of a Bayesian Changepoint Model to Estimate the Effect of a Graduated Driver's Licensing Program," *Journal of Data Science*, **1**, 43-63.

16. Kallan M.J., Durbin D.R., **Elliott M.R.**, Menon R.A., Winston F.K. (2003). "Differential Risk of Injury in Child Occupants by Passenger Car Classification," *Annual Proceedings of AAAM, Association for the Advancement of Automotive Medicine*. **47**, 329-341.

17. Winston F.K., Chen I.G., Arbogast K.B., **Elliott M.R.**, Durbin D.R. (2003). "Shifts in Child Restraint Use According to Child Weight in the United States from 1999 to 2002," *Annual Proceedings of AAAM, Association for the Advancement of Automotive Medicine*. **47**, 313-328.

18. **Elliott, M.R.,** Arbogast, K.B., Menon, R., Durbin, D.R., Winston, F.K. (2003). "Accuracy of Self Reported Data for Estimating Crash Severity," *Accident Analysis and Prevention*, **35**, 833-840.

19. **Elliott, M.R**., Kleindorfer, P.R., Lowe, R.A. (2003). "The Role of Hazardousness and Regulatory Practice in the Accidental Release of Chemicals at US Industrial Facilities," *Risk Analysis*, **23**, 883-896.

20. Kleindorfer, P.R., Belke, J.C., **Elliott, M.R**., Lee, K., Lowe, R.A., Feldman H. (2003). "Accident Epidemiology and the U.S. Chemical Industry: Accident History and Worst-Case Data from RMP*Info," *Risk Analysis*, **23**, 865-881.

21. Durbin, D.R., **Elliott, M.R.**, Winston, F.K. (2003). "Effectiveness of Belt-Positioning Booster Seats for Children in Crashes," *Journal of the American Medical Association*, **289**, 2835-2840.

22. Durbin, D.R., Kallan, M.K., **Elliott, M.R.,** Arbogast, K.B., Cornejo, R.L., Winston, F.K. (2003). "Risk of Injury to Restrained Children from Passenger Airbags," *Traffic Injury Prevention*, **4**, 58-63.

23. Ten Have, T.R., **Elliott, M.R**., Joffe, M., Zanutto, E. (2004). "Causal Linear Models for Non-Compliance under Randomized Treatment with Univariate Continuous Response," *Journal of the American Statistical Association*, **99**, 16-25.

24. Kallan, M.J., Durbin, D.B., **Elliott, M.R.**, Arbogast, K.B., Winston, F.K. (2004). "Differential Risk of Injury to Child Occupants by SUV Size," *Annual Proceedings of AAAM, Association for the Advancement of Automotive Medicine*, **48**, 87-100.

25. Zuppa, A.F., Nadkarni, V., Davis, L., Adamson, P.C., Helfaer, M.A., **Elliott, M.R.**, Abrams, J., Durbin, D. (2004). "The Effect of a Thyroid Hormone Infusion on Vasopressor Support in Critically Ill Children," *Critical Care Medicine*, **32**, 2318-2322.

26. Kleindorfer, P.R., **Elliott, M.R**., Wang, Y., Lowe, R.A. (2004). "Drivers of Accident Preparedness and Safety: Evidence from the RMP Rule," *Journal of Hazardous Material*, **115**, 9-16.

27. Branas, C.C., Nance, M.L., **Elliott, M.R**., Richmond, T.S., Schwab, C.W. (2004). "Rural versus Urban Firearm Death in the United States: Different Causes, Same Results," *American Journal of Public Health*, **94**, 1750-1755.

28. Durbin, D.R., Chen, I., **Elliott, M.R**., Winston F.K. (2004). "Factors Associated with Front Row Seating of Children in Motor Vehicle Crashes," *Epidemiology*, **15**, 345-351.

29. Winston, F.K., Chen, I.G., **Elliott, M.R.**, Arbogast, K.B., Durbin, D.R. (2004). "Recent Trends in Child Restraint Practices in the United States," *Pediatrics*, **113**, 458-464.

30. Winston, F.K., **Elliott, M.R**., Chen, I., Simpson, E., Durbin, D.R. (2004). "Acute Healthcare Utilization by Children After Motor Vehicle Crashes," *Accident Analysis and Prevention*, **36**, 507-511.

31. **Elliott, M.R**., Yang, Y., Lowe, R.A., Kleindorfer, P.R. (2004). "Environmental Justice Revisited: Community Pressure and the Frequency and Severity of U.S. Chemical Industry Accidents," *Journal of Epidemiology and Community Health*, **58**, 24-30.

32. **Elliott, M.R**., Little, R.J.A. (2005). "A Bayesian Approach to 2000 Census Evaluation using A.C.E. Survey Data and Demographic Analysis," *Journal of the American Statistical Association*, **100**, 380-388.

33. **Elliott, M.R.,** Davis, W.W. (2005). "Obtaining Cancer Risk Factor Prevalence Estimates in Small Areas: Combining Data from the Behavioral Risk Factor Surveillance Survey and the National Health Interview Survey," *Journal of the Royal Statistical Society C: Applied Statistics*, **54**, 595-609.

34. **Elliott, M.R**., Ten Have T.R., Gallo, J., Bogner, H.R. Katz, I.R. (2005). "Use of Latent Class Models to Assist in Diagnoses using Emotional Affect Data," *Biostatistics*, **6**, 119-143.

35. Winston, F.K., Baxt, C., Kassam-Adams, N.L., **Elliott, M.R**., Kallan, M.J. (2005). "Acute Traumatic Stress Symptoms in Child Occupants and their Parent Drivers after Crash Involvement," *Archives of Pediatrics & Adolescent Medicine*, **159**, 1074-1079.

36. Stettler, N., **Elliott, M.R**., Kallan, M., Auerbach, S.B., Kumanyika, S.K. (2005). "High Prevalence of Pediatric Overweight in Medically Underserved Areas," *Pediatrics*, **116**, 381-388.

37. Chen, I., Durbin, D.R., **Elliott, M.R.**, Kallan, M.K., Winston, F.K. (2005). "Trips Characteristics of Vehicle Crashes Involving Child Passengers," *Injury Prevention*, **11**, 219-224.

38. Arbogast, K,A., Durbin, D.R., Kallan, M., **Elliott, M.R.**, Winston, F.K. (2005). "Injury Risk to Restrained Children Exposed to Deployed First and Second Generation Air Bags in Frontal Crashes," *Archives of Pediatric and Adolescent Medicine*, **159**, 342-346.

39. Durbin, D.R., Chen, I., Smith, R., **Elliott, M.R.**, Winston, F.K. (2005). "The Effect of Seating Position and Appropriate Restraint Use on Injuries to Children in Motor Vehicle Crashes," *Pediatrics*, **115**, 305-309.

40. Chen, I., **Elliott, M.R.**, Winston, F.K., Durbin, D.R. (2005). "Teen Drivers and the Risk of Injury to Child Passengers in Crashes," *Injury Prevention*, **11**, 12-17.

41. Nance, M.L., **Elliott, M.R.**, Arbogast, K.B., Winston, F.K., Durbin, D.R. (2006). "Delta V As a Predictor of Significant Injury for Children Involved In Frontal Motor Vehicle Crashes," *Annals of Surgery*, **243**, 121-125.

42. Donovan, J.M.*, **Elliott, M.R.**, Heitjan, D.F. (2006). "Predicting Events Times in Clinical Trials when Treatment Arm is Masked," *Journal of Biopharmaceutical Statistics*, **16**, 343-356.

43. **Elliott, M.R.,** Joffe, M.M., Chen, Z. (2006). "A Potential Outcomes Approach to Developmental Toxicity Analyses," *Biometrics*, **62**, 352-360.

44. Chen, I.G., Durbin, M.R., **Elliott, M.R.**, Senserrick, T., Winston, F.K.. (2006). "Child Passenger Injury Risk in Motor Vehicle Crashes: A Comparison of Nighttime and Daytime Driving between Teenage and Adult Drivers," *Journal of Safety Research*, **37**, 299-306.

45. **Elliott, M.R.**, Kallan, M.J., Durbin, D.R., Winston, F.K. (2006). "Effectiveness of Child Safety Seats versus Seat Belts in Reducing Risk of Death for Children in Passenger Vehicle Crashes," *Archives of Pediatrics and Adolescent Medicine*, **160**, 617-621.

46. Rosenthal, I., Kleindorfer, P.K., **Elliott, M.R.** (2006). "Predicting and Confirming the Effectiveness of For Managing Low-Probability Chemical Process Risks," *Process Safety Progress*, **25,** 135-155.

47. **Elliott, M.R**, Shope, J.T., Raghunathan, T.E., Waller, P.F. (2006). "Gender Differences among Young Drivers in the Association between High-Risk Driving and Substance Use/Environmental Influences," *Journal of Studies on Alcohol*, **67**, 252-260.

48. Shah, S.S., Hodinka, R.L., Turquist, J.L., **Elliott, M.R.**, Coffin, S.E. (2006). "Cerebrospinal Fluid Mononuclear Cell Predominance is Not Related to Symptom Duration in Children with Enteroviral Meningitis," *Journal of Pediatrics*, **148**, 118-121.

49. Donoghue, A.J., Nadkarni, V., **Elliott, M.R**., Durbin, D.B. (2006). "Effect of Hospital Characteristics on Outcomes from Pediatric Cardiac Resuscitation: A Report from the National Registry of CPR," *Pediatrics*, **118**, 995-1001.

50. **Elliott, M.R**. Arbogast, K.A., Durbin, D.R. (2006). "A Latent Class Analysis of Injury Patterns Among Rear-Seated, Seat-Belted Children," *Journal of Trauma*, **61**, 1244-1248.

51. Winston, F.K., Chen, I.G., Smith, R., **Elliott, M.R.** (2006). "Parent Driver Characteristics Associated with Sub-Optimal Restraint of Child Passengers," *Traffic Injury Prevention*, **7**, 373-380.

52. **Elliott, M.R.,** Stettler, N. (2007). "Using a Mixture Model for Multiple Imputation in the Presence of Outliers: The Child Obesity Project," *Journal of the Royal Statistical Society C: Applied Statistics*, **56**, 63-78.

53. Winston, F.K., Kallan, M.J., **Elliott, M.R.**, Xie, D., Durbin, D.R. (2007). "Effect of Booster Seat Laws on Appropriate Restraint Use by 4-8 year old Children in Crashes," *Archives of Pediatrics and Adolescent Medicine*, **161**, 270-275.

54. Bingham, C.R., Shope, J.T. **Elliott, M.R.**, (2007). "Social and Behavioral Characteristics of Young Adult Drink/Drivers Adjusted for Level of Alcohol Use," *Alcoholism: Clinical and Experimental Research*, **31**, 655-664.

55. **Elliott, M.R.** (2007). "Bayesian Weight Trimming for Generalized Linear Regression Models," *Survey Methodology*, **33**, 23-34.

56. Durbin, D.R., Smith, R., Kallan, M.J., **Elliott, M.R.**, Winston, F.K. (2007). "Seat Belt Use among 13-15 Year Olds in Primary and Secondary Enforcement Law States," *Accident Analysis and Prevention*, **39**, 524-529.

57. **Elliott, M.R.** (2007). "Identifying Latent Clusters of Variability in Longitudinal Data," *Biostatistics*, **8**, 756-771.

58. Donovan, J.M.*, **Elliott, M.R**., Heitjan, D.F. (2007). "Predicting Event Times in Clinical Trials When Randomization is Masked and Blocked," *Clinical Trials*, **4**, 481-490.

59. Winston, F.K. Xie, D., Durbin, D.R., **Elliott, M.R.** (2007)." Are Child Passengers Bringing Up the Rear? Evidence for Differential Improvements in Injury Risk between Drivers and Their Child Passengers," *Annual Proceedings of AAAM, Association for the Advancement of Automotive Medicine*, **51**, 113-128.

60. Lin, J.Y.*, Ten Have T.R., **Elliott, M.R.** (2007). "Baseline Patient Characteristics and Mortality Associated with Longitudinal Treatment Compliance," *Statistics in Medicine*, **26**, 5100-5115.

61. Shah, S.S., Downes, K.J., **Elliott, M.R.**, Bell, L.M., McGowan, K.L., Metlay, J.P. (2008). "How Long Does It Take To "Rule-Out" Bacteremia in Children with Central Venous Catheters?" *Pediatrics*, **121**, 135-141.

62. Downes, K.J., Metlay, J.P., Bell, L.M., McGowan, K.L., **Elliott, M.R.**, Shah, S.S. (2008).

"Polymicrobial Bloodstream Infections among Children with Central Venous Catheters Evaluated in Ambulatory Care," *Clinical Infectious Diseases*, **46**, 387-394.

63. Winston, F.K., Kallan, M.K., Senserrick, T.M., **Elliott, M.R.** (2008). "Risk Factors for Death among Older Child & Teenage Motor Vehicle Passengers," *Archives of Pediatrics and Adolescent Medicine*, **162**, 253-260.

64. Wiebe D.J., Carr B.G., Datner E.M., **Elliott M.R**., Richmond T.S. (2008). "Feasibility of an Automated Telephone Survey To Enable Prospective Monitoring of Subjects Whose Confidentiality Is Paramount: A Four-Week Cohort Study of Partner Violence Recurrence after Emergency Department Discharge," *Epidemiologic Perspectives & Innovations*, **5**:1. http://www.epi-perspectives/content/5/1/1.

65. Ginsburg, K., Winston, F.K., Senserrick, T., Garcia, J.F., Kinsman, S., Quistberg, D., Ross, J., **Elliott, M.R.** (2008). "The National Young Driver Survey: The Teen Perspective and Experience with Factors that Affect Driving Safety," *Pediatrics*, **121**, 1391-1403.

66. Lin, J.Y.*, Ten Have, T.R., **Elliott, M.R.** (2008). "Longitudinal Nested Compliance Class Model in the Presence of Time-Varying Noncompliance," *Journal of the American Statistical Association*, **103**, 462-73.

67. **Elliott, M.R.** (2008). "Accounting for Transcription Errors Using Multiple Imputation: Application to a Childhood Study of Obesity," *Chance*, **21**, 14-23.

68. Senserrick, T. **Elliott, M.R.,** Winston, F.K. (2008). "Response to 'Reduce Risk by Reducing Driving'" *Archives of Pediatrics and Adolescent Medicine***, 162,** 898**.**

69. **Elliott, M.R**., Kleindorfer, P.K., Dubois, J., Wang. Y., Rosenthal, I. (2008). "Linking OII and RMP*Info Data: Does Everyday Safety Prevent Catastrophic Loss," *International Journal of Risk Assessment and Management*, **10**, 130-146.

70. **Elliott, M.R.,** Winston, F.K., Ginsburg, K. (2008). "Unlicensed Teen Drivers: Who Are They and How Do They Behave when behind the Wheel?," *Pediatrics*, **122**, e994-1000.

71. **Elliott, M.R.** (2008). "Model Averaging Methods for Weight Trimming," *Journal of Official Statistics*, **24**, 517-540.

72. Mudd, L.M., Pham, X., Nechuta, S., **Elliott, M.R.,** Lepkowski, J.M., Paneth, N. (2008). "Prenatal Care and Delivery Room Staff Attitudes Towards Research and the National Children's Study," *Maternal and Child Health Journal*, **12**, 684-691.

73. Evans, S.L., Nance, M.L., Arbogast, K.B., **Elliott, M.R.**, Winston, F.K. (2009). "Passenger Compartment Intrusion as a Predictor of Significant Injury for Children in Motor Vehicle Crashes," *Journal of Trauma*, **66**, 504-507.

74. Gallop, R., Small, D., Lin, J.Y., **Elliott, M.R**., Joffe, M., Ten Have, T.R. (2009). "Mediation Analysis with Principal Stratification," *Statistics in Medicine*, **28**, 1108-1130.

75. **Elliott, M.R.** (2009). "Model Averaging Methods for Weight Trimming in Generalized Linear Regression Models," *Journal of Official Statistics*, **25**, 1-20.

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98. **Elliott, M.R.**, Sammel, M.D., Faul, J. (2012). "Variability as a Predictor of Health in Longitudinal Studies," *Statistics in Medicine*, **31**, 2745-2756.

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102. Bracken, M.B., Hertz-Picciotto, I., **Elliott, M.R.**, Dudley, D.J., Buka, S., Robbins, J.M, Paneth N. (2012). "Response to 'Random Sampling – Is it Worth It'," *Paediatric and Perinatal Epidemiology*, **27**, 29-30.

103. Chen, Q.*, **Elliott, M.R.,** Little, R.J.A. (2012). "Bayesian Inference for Finite Population Quantiles from Unequal Probability Samples," *Survey Methodology*, **38**, 203-214.

104. **Elliott, M.R.** (2012). "Discussion of 'A Bayesian approach to complex clinical diagnoses: a case-study in child abuse'," to appear in *Journal of the Royal Statistical Society A: Statistics in Society*.

105. Clarke, P., Morenoff, J., Debbink, M., Golberstein, E., **Elliott, M.R.**, Lantz, P.M. (2012). "Cumulative Exposure to Neighborhood Context: Consequences for Health Transitions over the Adult Life Course," to appear in *Research on Aging.*

106. Zhang, N.*, Baker, H.W., Tufts, M., Raymond, R.E., Salihu, H., **Elliott, M.R.** (2012). "Early Childhood Lead Exposure and Academic Achievement: Evidence from Detroit Public Schools (2008-2010)," to appear in *American Journal of Public Health*.

107. Paramsothy, P.*, Harlow, S.D., **Elliott, M.R.**, Lisabeth, L.D., Crawford, S.L. Randolph, J.F. (2012). "Classifying Menopausal Stage by Menstrual Calendars and Annual Interviews: Need for Improved Questionnaires," to appear in *Menopause*.

108. Huang, X.*, Harlow, S.D, **Elliott, M.R.** (2012). "Modeling Menstrual Cycle Length and Variability at the Approach of Menopause Using Bayesian Changepoint Models," submitted to *Journal of the Royal Statistical Society C: Applied Statistics*.

109. Gao, X.*, Brown G.K., **Elliott, M.R.** (2012). "Joint Modeling Compliance and Outcome for Causal Analysis in Longitudinal Studies," submitted to *Statistics in Medicine.*

110. **Elliott, M.R.**, Huang, X.* (2012). "Weight Smoothing Models in Clustered Sample Designs," submitted to *Survey Methodology*.

111. **Elliott, M.R**., Taylor, J.M.G., Li, Y. (2012). "Accommodating Missingness When Assessing Surrogacy Via Principal Stratification," submitted to *Clinical Trials*.

112. Conlon, A.S.C*, Taylor, J.M.G., **Elliott, M.R.** (2012) . "Surrogacy Assessment Using Principal Stratification When Surrogate and Outcome Measures are Multivariate Normal," submitted to *Biostatistics*.

113. Do, P.D., Wang L., **Elliott, M.R**. (2012). "Investigating the Relationship between Neighborhood Context and Health: A Marginal Structural Modeling Approach," submitted to *Social Science and Medicine*.

114. Dong, Q.*, **Elliott, M.R.,** Raghunathan, T.E. (2012). "A Nonparametric Method to Generate Synthetic Populations to Adjust for Complex Sample Designs," submitted to *Survey Methodology*.

115. Dong, Q.*, **Elliott, M.R**., Raghunathan, T.E. (2012). "Combining Information from Multiple Complex Surveys," submitted to *Survey Methodology*.

116. Kerver, J.M., **Elliott, M.R.**, Norman G.S., Sokol, R.J., Keating, D.P., Copeland, G.E., Johnson, C.C., Cislo, K.K.., Alcser, K.H., Kruger-Ndiaye, S.R., Pennell, B.E., Mehta, S., Joseph, C.L.M., Paneth, N. (2012). "Pregnancy Recruitment for Population Research: The National Children's Study Vanguard Experience in Wayne County, MI," submitted to *Paediatric and Perinatal Epidemiology***.**

117. Mehta, N.K., House, J.S., **Elliott, M.R.** (2012). "The Dynamics of Health Behaviors and Socioeconomic Differences in Mortality in the United States," submitted to *Journal of the American Medical Association*.

118. West, B.T., **Elliott, M.R.** (2012). "Frequentist and Bayesian Approaches for Comparing Interviewer Variance Components in Two Groups of Survey Interviewers," submitted to *Survey Methodology*.

119. Paramsothy, P.*, Harlow, S.D., **Elliott, M.R.**, Yosef, M., Lisabeth, L.D., Greendale, G.A., Gold, E.B., Crawford, S.L. Randolph, J.F. (2012). "The Association of Race/Ethnicity and Body Mass Index with Menstrual Cycle Length During the Menopausal Transition: The Study of Women's Health Across the Nation (SWAN)," submitted to *Epidemiology*.

120. Paramsothy, P.*, Harlow, S.D., Greendale, G.A., Gold, E.B., Crawford, S.L., **Elliott, M.R.**, Lisabeth, L.D., Randolph, J.F. (2012). "Changes in menses during the menopausal transition: The Study of Women's Health Across the Nation," submitted to *Obstetrics and Gynecology*.

121. Zhang, N.*, Chen, H., **Elliott, M.R.** (2012). "Nonrespondent Subsample Multiple Imputation in Two-phase Sampling for Nonresponse," submitted to *Biometrika*.

INVITED PAPER/POSTER PRESENTATIONS

"Using Principal Stratification to Account for Noncompliance in Randomized Trials with Longitudinal Data," presented at the London School of Hygiene and Tropical Medicine, London, United Kingdom, November 2012.

"Causal Assessments of Surrogate Markers when Markers and Outcomes are Multivariate Normal," presented at the London School of Economics, London, United Kingdom, November 2012.

"Accommodating Survey Weights in Multiple Imputation," presented at the Southampton Statistical Sciences Research Institute, University of Southampton, Southampton, United Kingdom, November 2012.

"Assessing the Causal Effect of Treatment in the Presence of Self-Selection of Dosage," presented at the 2012 International Society for Bayesian Analysis Conference, Kyoto, Japan, June 2012.

"Combining data from Probability and Non-probability Surveys," presented at the International Biometric Society, Eastern North American Region (ENAR), Washington, DC, April 2012.

"Accomodating Missingness When Assessing Surrogacy Via Principal Stratification," presented at the Frontiers in the Analysis of Causal Mechanisms, Harvard University, March 2012; and that the 2012 International Chinese Statistical Association Symposium, Boston, MA, June 2012.

"Principal Stratification Model for Surrogacy: Accounting for Nonresponse in the True Endpoint," presented at the Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, April 2011.

"Discussion of `Statistical Analysis Using Combined Data Sources'", Joint Program in Statistical Methodology Distinguished Lecture, University of Maryland, April 2011.

"Modeling and Classifying Women's Menopausal Transition Patterns using Menstrual Diary Data", presented at the International Biometric Society, Eastern North American Region (ENAR), Miami, FL, March 2011.

"Methods for Studying Variability as a Predictor of Health Status," presented at the Department of Biostatistics, University of Washington, January 2011; at the International Biometric Society, Eastern North American Region (ENAR), Miami, FL, March 2011; at the Department Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, April 2011; and at the Royal Statistical Society South West Local Group Seminar, Plymouth University, Plymouth, United Kingdom, December 2012.

"Inference for Mediation Effects Using Principal Stratification," presented at the Center for Statistics and the Social Sciences, University of Washington, January 2011.

"Probability Sampling in the 21st Century: Obsolescent or Cutting-Edge?," presented at the Cox Memorial Lecture, Washington Statistical Society, June 2010.

"Discussion of `Outliers in Complex Sample Surveys'," 57th Session of the International Statistical Institute, Durban, South Africa, August 2009.

"Accounting for Complex Sample Designs via Finite Normal Mixture Models," presented at the 2009 Joint Statistical Meetings, Washington, DC, August 2009; and at the Frontiers of Interface between Statistics and Science, Hyderabad, India, January 2010.

"Accounting for Complex Sample Designs via Dirichlet Process Mixture Models," presented at the Sample Surveys and Bayesian Statistics Conference, Iowa State University Department of Statistics, Ames, IA, June 2009; at the 8th International Indian Statistical Association Joint Statistical Meetings, Visakhapatnam, India, January 2010.

"Mediation for Dichotomous Mediators and Outcomes Using Principal Stratification**,"** presented at the 2009 International Biometric Society, Eastern North American Region (ENAR), San Antonio, TX, March 2009.

"National Children's Study Past, Present, and Future: Design and Analysis Issues," presented at the Henry Ford Health System, Detroit, MI, December 2008.

"Accounting for Complex Sample Designs via Mixture Models," presented at the Sample Surveys and Bayesian Statistics Conference, Southampton, United Kingdom, August 2008; at the RAND Corporation, Santa Monica, CA, December 2008.

"Discussion of `Methods for Mediation Analysis'," Mid-Atlantic Causal Conference, Baltimore, MD, May 2008.

"Using a Mixture Model for Multiple Imputation in the Presence of Outliers," presented at the 2007 Joint Statistical Meetings, Salt Lake City, UT, August 2007; at the 2008 International Conference on Health Policy Research, Philadelphia, PA, January 2008; and at the Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, November 2009.

"Model Averaging Methods for Weight Trimming in Linear Regression Models," presented at the 2006 Joint Statistical Meetings, Seattle, WA, August 2006; at the 23rd Annual International Methodology Symposium, Ottawa, Canada, November 2006; and at the 2007 Federal Committee On Statistical Methodology Research Conference, Arlington, VA, November 2007.

"The Design of the National Children's Study – National Probability Sample, Medical Center Model, or What?," presented at the 2nd North American Congress of Epidemiology, Seattle, WA, June 2006.

"Stratification on Post-Treatment Variables in Causal Inference: A Potential Outcomes Approach," presented at the 2005 Joint Statistical Meetings, Minneapolis, MN, August 2005; at the Department of Biostatistics and Computational Biology, University of Rochester Medical Center, Rochester, NY, October 2006; at the Department of Biostatistics, University of Alabama-Birmingham School of Public Health, Birmingham, AL, April 2007; and at the International Chinese Statistical Association Applied Statistics Symposium, Raleigh, NC, June 2007.

"Obtaining Cancer Risk Factor Prevalence Estimates in Small Areas," presented at Department of Biostatistics and Epidemiology University of Pennsylvania School of Medicine, Philadelphia, PA, September 2004; at the Institute for Social Research, Ann Arbor, MI, March 2005; at the Small Grants Grantee Meeting at the National Cancer Institute, Bethesda, MD, May 2005; and at the 2005 International Conference on Health Policy Research, Boston, MA, October 2005.

"Model-Based Weight Trimming in Generalized Regression Models," presented at the 2004 Joint Statistical Meetings, Toronto, ONT, August 2004; at the Department of Biostatistics, University of Michigan, Ann Arbor, MI, February 2005; and Westat Inc., Rockville, MD, April 2005.

"Combining Surveys for Small Area Estimates of the Prevalence of Cancer Screening and Risk Factors," presented at the National Cancer Institute, December 2003.

"A Bayesian Approach to 2000 Census Evaluation using A.C.E. Survey Data and Demographic Analysis," presented at the Department of Statistics, Wharton School of Business, University of Pennsylvania, December 2001; and at the Iowa State University Department of Statistics, Ames, IA, October 2003.

"Growth Curve Modeling of Placebo and Drug Responses," presented at 2003 International Biometric Society, Eastern North American Region (ENAR), Tampa, FL, March 2003; and at Department of Statistics and Mathematics, Wright State University, Dayton, OH, September 2005.

"Obtaining Cancer Risk Factor Prevalence Estimates in Small Areas: Combining Data from the BRFSS and NHIS," presented at the 19th Annual International Methodology Symposium, Ottawa, Canada, November 2002; and at 2003 Joint Statistical Meetings, San Francisco, CA, August 2003.

"Discussion of 'Latent Class Analysis of Complex Sample Survey Data: Application to Dietary Data'," Discussion of JASA Applications and Case Studies paper, presented at 2002 Joint Statistical Meetings, New York, NY, August 2002.

"Use of Latent Class Models to Assist in Diagnoses Using Emotional Affect Data," presented at the 2002 Annual Penn-Columbia Statistics in Psychiatry Symposium, University of Pennsylvania School of Medicine, April 2002; at the Department of Biostatistics, Johns Hopkins University School of Public Health, Baltimore, MD, September 2002; and at the Department of Biostatistics, Yale School of Public Health, New Haven, CT, February 2005.

"Model-Based Approaches to Analysis of Disproportional Probability-of-Selection Sample Designs," presented at the Wayne Fuller 70th Birthday Conference, Iowa State University Department of Statistics, Ames, IA, June 2001.

"Using Bayesian Models and Non-parametric Regression Techniques to Truncate Sampling Weights", presented at the Bayesian Nonparametrics Summit, University of Michigan Business School, Ann Arbor, MI, July 2001; and at the Center for Statistical Sciences, Brown University School of Medicine, Providence, RI, September 2001.

"On Combining Information from a Census, a Coverage Measurement Survey and Demographic Analysis", presented at the UCLA Department of Biostatistics, Los Angeles, CA, January 2000; at the Pennsylvania State Department of Statistics, State College, PA, February 2000; and at the University of Pennsylvania Department of Biostatistics, Philadelphia, PA, February 2000.

"Model-Based Alternatives to Weight Trimming," presented at the Iowa State University Department of Statistics, Ames, IA, November 1999; and at the Mayo Clinic, Rochester, MN, February 2000.

OTHER PAPER/POSTER PRESENTATIONS

Burgard, S.A., **Elliott, M.R.**, House, J.S., Mehta, N.K., Lin, K.Y., Ela, E.J. "Understanding the Declining Female Mortality Advantage in the United States: An Assessment Using Prospective Data," presented at the 2013 Population Association of America Meeting, New Orleans, LA, April 2013.

Nishimura, R., Wagner, J., **Elliott, M.R.** "Alternative Indicators for the Risk of Nonresponse Bias: A Simulation Study," presented at the 2012 Joint Statistical Meetings, San Diego, CA, July 2012.

Huang, X.*, **Elliott, M.R**., Harlow S.D. "Classifications of Women's Menstrual Patterns and Related Epidemiology Explanations," presented at the 2012 Joint Statistical Meetings, San Diego, CA, July 2012.

Li,Y.*, Taylor, J.M.G., **Elliott, M.R.** "Assessing Mediation Using Principal Stratification in a Meta-Analysis," presented at the the 2012 Joint Statistical Meetings, San Diego, CA, July 2012.

Zhou, H.*, Raghunathan, T.E.., **Elliott, M.R.** "Accounting for Complex Survey Designs in Multiple Imputation to Reduce Item Nonresponse Bias," presented at the European Conference on Quality in Official Statistics 2012, Athens, Greece, May 2012.

Do, P., Wang, L., **Elliott, M.R.** "Investigating the Relationship between Neighborhood Context and Health: A Marginal Structural Modeling Approach," presented at the Population Association of American, San Francisco, CA, May 2012.

Jiang, B.*, **Elliott, M.R.**, Sammel, M.D., Wang, N. "Joint Modeling of Longitudinal Health Predictors and Cross-Sectional Health Outcomes via Mean and Variance Trajectories," presented at the International Biometric Society, Eastern North American Region (ENAR), Washington, DC, April 2012; and at the 2012 Joint Statistical Meetings, San Diego, CA, July 2012.

Paramsothy, P.*, Harlow, S.D., **Elliott, M.R.**, Crawford, S.L., Gold, E.B., Greendale, G.A., Randolph, J.F. "High Body Mass Index, Current Smoking, and Chinese Ethnicity Increase Menstrual Cycle Length During The Menopausal Transition," presented at STRAW+10: Addressing the Unfinished Agenda of Staging Reproductive Aging, Washington, DC, September 2011.

Bowers, A.*, Heeringha, S.G., **Elliott, M.R.**, Duffy, B. "Investigating the Effect of Interviewer Job Attitudes on Turnover and Job Performance in Centralized Telephone Interviewing Facilities," presented at the 2011 Joint Statistical Meetings, Miami, FL, August 2011.

Elliott, M.R., Sammel, M.S., Faul, J. "Variability as a Predictor of Dementia," presented at the 2011 Joint Statistical Meetings, Miami, FL, August 2011.

Zonfrillo M.R., **Elliott M.R.**, Flannagan C.A., Durbin D.R.. "The association between weight and risk of injury for young children in child restraints," presented at the Pediatric Academic Societies' 2011 Annual Meeting, Denver, CO, May 2011.

Zhang, N.*, **Elliott, M.R.** "Bayesian Quantile Regression in Stratified Sampling," presented at the 2010 Joint Statistical Meetings, Vancouver, BC, Canada, August 2010.

Gao, X.*, **Elliott, M.R.** "Assessing the Causal Effect of Treatment Dosages in the Presence of Self-Selection**,"** presented at the 2010 Joint Statistical Meetings, Vancouver, BC, Canada, August 2010; at the 2010 American Public Health Association Meeting, Denver, CO, November 2010; at the International Biometric Society, Eastern North American Region (ENAR), Miami, FL, March 2011; and at the 2011 Joint Statistical Meetings, Vancouver, BC, Canada, August 2011.

Morenoff, J.D., Lin, K.Y., House, J.S., **Elliott, M.R**. "Neighborhood Context and Social Disparities in Waist Size and Body Mass Index," presented at the 2010 Population Association of America Meeting, Dallas, TX, April 2010.

Li,Y.*, Taylor, J.M.G., **Elliott, M.R.**, and Mukherjee, B. **"**Causal Surrogacy Assessment in a Meta Analysis of Colorectal Clinical Trials," presented at 2010 International Biometric Society, Eastern North American Region (ENAR), New Orleans, LA, March 2010.

Elliott, M.R. "Methods for Studying Variability as a Predictor of Health Status," presented at the 2009 American Public Health Association Conference, Philadelphia, PA, November 2009.

Huang, X.*, **Elliott, M.R**., Harlow S.D. "Modeling Menstrual Cycle Lengths at the Approach of Menopause Using Bayesian Change Point Models," presented at the 2009 Joint Statistical Meetings, Washington, DC, August 2009; at the 2009 American Public Health Association Conference, Philadelphia, PA, November 2009; at the Michigan Biostatistics 50/60 Conference,

Ann Arbor, MI, November 2009; and at 2010 International Biometric Society, Eastern North American Region (ENAR), New Orleans, LA, March 2010.

Gao, X.*, **Elliott, M.R.** "A Markov Compliance Class and Outcome Model for Causal Analysis in the Longitudinal Setting**,**" presented at the 2009 Joint Statistical Meetings, Washington, DC, August 2009; at the 2009 American Public Health Association Conference, Philadelphia, PA, November 2009; at the Michigan Biostatistics 50/60 Conference, Ann Arbor, MI, November 2009; and at 2010 International Biometric Society, Eastern North American Region (ENAR), New Orleans, LA, March 2010.

Chen, Q.*, **Elliott, M.R.,** Little, R.J.A. "Bayesian Inference of Finite Population Distribution Functions and Quantiles from Unequal Probability Samples," presented at the 2009 Joint Statistical Meetings, Washington, DC, August 2009.

Elliott, M.R., Raghunathan, T.E., Li, Y. "Inference for Mediation Effects Using Principal Stratification," presented at the 2009 Atlantic Causal Conference, Philadelphia, PA, May 2009.

Chen, Q.*, **Elliott, M.R.**, Little, R.J.A. "Bayesian Inference of Finite Population Distribution Functions and Quantiles from Unequal Probability Samples," presented at the 2009 International Biometric Society, Eastern North American Region (ENAR), San Antonio, TX, March 2009.

Gao, X.*, **Elliott, M.R.** "A Markov Compliance Class and Outcome Model for Causal Analysis in the Longitudinal Setting," presented at the 2009 International Biometric Society, Eastern North American Region (ENAR), San Antonio, TX, March 2009, and at the 2009 Atlantic Causal Conference, Philadelphia, PA, May 2009.

Chen, Q.*, **Elliott, M.R.**, Little, R.J.A. "Bayesian estimation of mean and quantiles in unequal probability sampling," presented at the Sample Surveys and Bayesian Statistics Conference, Southampton, United Kingdom, August 2008.

Elliott, M.R., "Understanding Mediation Using Principal Stratification**,"** presented at the 2008 Joint Statistical Meetings, Denver, CO, August 2008.

Huang, X.*, **Elliott, M.R**. "Weight Smoothing Models in Clustered Sample Designs," presented at the 2008 Joint Statistical Meetings, Denver, CO, August 2008.

Chen, Q.*, **Elliott, M.R.**, Little, R.J.A. "Bayesian Penalized Spline Model-Based Estimation for Finite Population Proportion in Unequal Probability Sampling," presented at the 2008 Joint Statistical Meetings, Denver, CO, August 2008.

Elliott, M.R., Stettler, N. "Using a Mixture Model for Multiple Imputation in the Presence of Outliers," presented at the 2008 International Biometric Society, Eastern North American Region (ENAR), Arlington, VA, March 2008.

Chen Q.*, **Elliott M.R.**, Little R.J.A., Hedgeman E., Gillespie B.W., Garabrant D., "Methods in Estimating Quantiles of Serum Dixon Concentration by Age, with Values Below Limit Detection," presented at the 27th International Symposium on Halogenated Persistent Organic Pollutants - DIOXIN 2007, Toyko, Japan, September 2007.

Chen Q.*, Hedgeman E., Little R.J.A., **Elliott M.R.**, Gillespie B.W., Lee S-Y, Hong B., Chang C-W, Olson K., Knutson K., Zwical L., Adriaens P., Demond A., Lepkowski J., Franzblau A.,

Garabrant D., "Serum 2,3,7,8-TCDD Concentration in a Michigan, USA Population with No Unusual Sources of Exposure," presented at the 27th International Symposium on Halogenated Persistent Organic Pollutants - DIOXIN 2007, Toyko, Japan, September 2007.

Chen, Q.*, **Elliott, M.R.**, Little, R.J.A. "Bayesian Penalized Spline Model-Based Estimation of the Finite Population Distribution Function for Unequal Probability Samples**,"** presented at the 2007 Joint Statistical Meetings, Salt Lake City, UT, August 2007.

Huang, X.*, **Elliott, M.R. "**Bayesian Weight-Smoothing Models in Clustered or Cross-Classed Sample Designs**,"** presented at the 2007 Joint Statistical Meetings, Salt Lake City, UT, August 2007.

Taylor, J.M.G., Li, Y., **Elliott, M.R.**, "Assessing Surrogacy in the Counterfactual Framework Using Bayesian Models," presented at the University of Waterloo Department of Statistics, Waterloo, ONT, and at the 22nd International Workshop on Statistical Modelling, Barcelona, Spain, July 2007.

Mudd, L.M., Skorokhod, V., Nechuta, S., **Elliott M.R.,** Lepkowski J.M., Paneth, N., "Prenatal Care and Delivery Room Staff Attitudes towards Research and the National Children's Study," presented at the Society for Pediatric and Perinatal Epidemiology Research, Boston, MA, June 2007.

Nechuta, S., Skorokhod, V., Mudd L.M., **Elliott M.R.,** Lepkowski J.M., Paneth, N., "Attitudes of Pregnant Women to Participation in Research during Pregnancy," presented at the Society for Pediatric and Perinatal Epidemiology Research, Boston, MA, June 2007.

Senserrick, T.M., Kallan, M.J., **Elliott, M.R.**, Winston, F.K., "At what age should anticipatory guidance be given on the risk of riding with young drivers?," presented at the Pediatric Academic Annual Society's Annual Meeting, Toronto, ONT, May 2007.

Taylor, J.M.G., Li, Y., **Elliott, M.R.**, "Predicting the Treatment Effect from a Surrogate Marker Using a Potential Outcomes Approach," presented at the 2007 International Biometric Society, Eastern North American Region (ENAR), Atlanta, GA, March 2007 and the Michigan Student Symposium for Interdisciplinary Statistical Sciences 2007, Ann Arbor, MI, March 2007.

Elliott, M.R., "Identifying Latent Clusters of Variability in Longitudinal Data," presented at the 2006 International Biometric Society, Eastern North American Region (ENAR), Tampa, FL, March 2006.

Lin, J.Y.*, Ten Have, T.R., **Elliott, M.R**. "Longitudinal Nested Compliance Class Model in the Presence of Time-Varying Non-Compliance," presented at the 2006 International Biometric Society, Eastern North American Region (ENAR), Tampa, FL, March 2006.

Donovan, J.M.*, **Elliott, M.R**., Heitjan, D.F. "Predicting Event Times in Clinical Trials when Events are Blocked and Masked," presented at the 2006 International Biometric Society, Eastern North American Region (ENAR), Tampa, FL, March 2006.

Donoghue, A., Durbin,D.R., **Elliott, MR.**, Nadkarni, V. **"**Pediatric-Specific Hospital Staffing Characteristics are Associated with Improved Survival Outcomes Following Pediatric CPR: A Report from the AHA National Registry of CPR," presented at the 2006 Pediatric Academic

Societies' Annual Meeting, San Francisco, CA, April 2006; and at the 35th Society of Critical Care Medicine 35th Critical Care Conference, San Francisco, CA, January 2006.

Wiebe, D.J, **Elliott, M.R**., Krafty, R.T., Koper, K.S., Nance, N.L., Branas, C.C. "Homicide and geographic access to gun dealers in the United States," presented at the American Public Health Association Annual Meeting, Philadelphia, PA, December 2005.

Kallan, M.J., Durbin, D.R., **Elliott, M.R.** , Arbogast, K.B., Winston, F.K. "Child occupant injury risk in minivan vs. SUV crashes," presented at the American Public Health Association Annual Meeting, Philadelphia, PA, December 2005.

Zhong, Y.*, Heitjan, D.F., **Elliott, M.R.**, Kolassa, J.E. **"**Predicting Session Attendance at the 2005 JSM**,"** presented at the 2005 Joint Statistical Meetings, Minneapolis, MN, August 2005.

Lin, J.*, Ten Have, T.R., **Elliott, M.R. "**Longitudinal Nested Compliance Class Model in the Presence of Time-Varying Noncompliance**,"** presented at the 2005 Joint Statistical Meetings, Minneapolis, MN, August 2005.

Shah, S.S., Downes, K.J., McGowan, K.L., **Elliott, M.R**., Bell, M.L., Metlav, J.P. "Time to Blood Culture Positivity in Children with Central Venous Catheters Enteroviral Meningitis," presented at the 2005 Pediatric Academic Societies' Meeting, Washington, DC, May 2005.

Chen, I.G. **Elliott, M.R.,** Durbin, D.R., Winston, F.K "Socio-demographic Differences in Child Passenger Injury Risk in Motor Vehicle Crashes," presented at the 2004 American Public Health Association Annual Meeting, Washington, DC, November 2004.

Smith, R., Kallan, M.J., Durbin, D.R., Winston, F.K., **Elliott, M.R.** "Influence of Adult Restraint Laws on Pre-Driving Teenagers," presented at the 2004 American Public Health Association Annual Meeting, Washington, DC, November 2004.

Joffe M.M., **Elliott, M.R.** "Bayesian Estimation of the Costs of Optimal Allocation of a Surgical Procedure," presented at the 2004 Joint Statistical Meetings, Toronto, Canada, August 2004.

Chen, I.G. **Elliott, M.R.,** Durbin, D.R., Winston, F.K. "Teen Drivers and Injury Risk to Child Passengers in Crashes," presented at 7th Annual Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 2004.

Wiebe, D.J, Krafty, R.T., Branas, C.C., Koper, K.S., **Elliott, M.R**., Nance, N.L. "Intentional gun deaths and geographic access to gun dealers in the United States," presented at 7th Annual Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 2004.

Donoghue, A., Durbin, D.R., **Elliott, MR.**, Nadkarni, V. "Effect of Hospital Type on Twenty-four Hour Survival following Pediatric Cardiopulmonary Arrest: A report from the AHA National Registry of CPR," presented at the 2004 Pediatric Academic Societies' Meeting, San Francisco, CA, May 2004; and at the 2005 Pediatric Academic Societies' Meeting, Washington, DC, May 2005.

Brown, L., **Elliott, M.R.**, Durbin D.R. "Diagnostic Accuracy of C-Reactive Protein in Children with Suspected Appendicitis," presented at the 2004 Pediatric Academic Societies' Meeting, San Francisco, CA, May 2004.

Nance, M.L., Arbogast, K.B., Lutz, N., **Elliott, MR.**, Winston, F.K. “Passenger space intrusion as a predictor of significant injury for children involved in motor vehicle crashes,” presented at the American Academy of Pediatrics, New Orleans, Louisiana, November 2003.

Elliott, M.R. “A Bayesian Approach to 2000 Census Evaluation using A.C.E. Survey Data and Demographic Analysis,” presented at the 2003 Federal Conference on Statistical Methodology, Washington, DC, November 2003.

Nance, M.L., Branas, C.C., Wiebe, D.J., **Elliott, M.R.**, Schwab, C.W. “Effect of Ruralization on Unintentional Firearms Mortality in the United States,” presented at the 2003 American Public Health Association Annual Meeting, San Francisco, CA, November 2003.

Branas, C.C., Wiebe, D.J., **Elliott, M.R.**, Schwab, C.W. “Rural versus Urban Firearms Death in the United States: Different Causes, Same Results,” presented at the 2003 American Public Health Association Annual Meeting, San Francisco, CA, November 2003.

Kallan, M.J., Durbin, D.R., **Elliott, M.R.** “Differential Risk of Injury by Vehicle and Crash Partner Type,” presented at the 2003 Joint Statistical Meetings, San Francisco, CA, August 2003.

Winston, F.K., Kassan-Adams, M.L., **Elliott, M.R.,** Kallan, M.J., Durbin, D.R. "Traumatic Stress After Motor Vehicle Crashes: The Need To Assess for Symptoms as Part of Primary Care?" presented at the Presidential Plenary of the 2003 Pediatric Academic Societies' Annual Meeting, Seattle, Washington, May 2003.

Winston, F.K., Simpson, E.M., **Elliott, M.R**., Woodward, G.A. "Healthcare Utilization by Child Occupants in Motor Vehicle Crashes," presented at the 2002 American Public Health Association Annual Meeting, Philadelphia, PA, November 2002.

Elliott, M.R. "Obtaining Cancer Risk Factor Prevalence Estimates in Small Areas: Combining Data from the BRFSS and NHIS," presented at the Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, October 2002.

Kallan, M.J., Durbin, D.R., **Elliott, M.R.** "Differential Injury Risk in Child Occupants by Passenger Car Classification," presented at the 2002 World Injury Conference, Montreal, QB, May 2002; and at the 2002 Joint Statistical Meetings, New York, NY, August 2002.

Winston, F.K., Durbin, D.R., **Elliott, M.R.** "Healthcare Utilization After Traffic Crashes," presented at the 2002 Pediatric Academic Societies' Annual Meeting, Baltimore, MD, May 2002.

Morris, S.D., **Elliott, M.R.,** Andreko, R., Durbin, D.R., Winston, F.K., Simpson, E. "The Effect of Seating Position on Risk of Injury for Children in Side Impact Crashes," presented at the 2001 American Public Health Association Conference, Atlanta, GA, November 2001.

Elliott, M.R., Raghunathan, T.E., Shope, J.T. "The Effect of Duration and Delay of Licensure on Risk of Crash: A Bayesian Analysis of Repeated Time-To-Event Measures," presented at the 2001 Joint Statistical Meetings, Atlanta, GA, August 2001.

Elliott, M.R., Little, R.J.A. “Estimating Undercount in the 1990 Census by Combining Census, a Coverage Measurement Survey, and Demographic Analysis Data”, poster presentation at the 2001 Small Area Estimation Conference in Potomac, MD, March 2001.

Elliott, M.R., Little, R.J.A. "Model-Based Alternatives to Weight Trimming," presented at the 2001 Eastern North American Region meetings of the International Biometric Society, Charlotte, NC, March 2001.

Molnar, L., **Elliott, M.R.,** Shope, J.T., "An Evaluation of Michigan's New Graduated Licensing Policy's Effect on Adolescent Injury Prevention," poster presentation at the 2000 American Public Health Association meeting, Boston, MA, November 2000.

Shope, J.T., **Elliott, M.R.** "The Association Between Substance Use and High-Risk Driving Among Young Women," poster presentation at the 2000 Research Society on Alcoholism Meetings, Denver, CO, June 2000.

Elliott, M.R., Little, R.J.A. "On Combining Information from a Census, a Coverage Measurement Survey and Demographic Analysis", presented at the 1999 Joint Statistical Meetings, Baltimore, MD, August 1999 and 1999 Federal Conference on Statistical Methodology, Washington, DC, November 1999.

Elliott, M.R., Little, R.J.A., Lewitsky, S. "Subsampling Callbacks to Reduce Survey Costs," presented at the 1997 Joint Statistical Meetings, Anaheim, CA, August 1997.

OTHER PRESENTATIONS

"Bootstrapping Bayes Estimators in Complex Sample Designs**,"** Incorporating Survey Weights into Modelling: The State of the Art Workshop, London School of Economics, London, UK, November 2012.

"Applying Principal Stratification When Surrogates and Outcomes are Continuous Measures," International Bio-Surrogates Workshop, Sydney, Australia, February 2011.

"Analyzing Complex Survey Data," 2010 International Biometric Society, Eastern North American Region (ENAR), New Orleans, LA, March 2010.

"Advanced Analysis of Complex Sample Survey Data," Academy Health Annual Research Meetings, Chicago, IL, June 2009.

"US Census Net Undercount Review," US Census Bureau, Washington, DC, January 2009.

"Handling Missing Data in Statistical Analyses," Advanced School and Conference on Statistics and Applied Probability in Life Sciences, Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, October 2007.

"Model Averaging Methods for Weight Trimming in Generalized Linear Regression Models," Survey Methodology Program Brownbag Seminar, Institute for Social Research, University of Michigan, Ann Arbor, MI, November 2006.

"Telephone-Based Study Designs," University of Pennsylvania Department of Biostatistics and Epidemiology, Philadelphia, PA, May 2005.

"Multiple Imputation in Practice," Statistical Design and Analysis Conference, Barnett International, Philadelphia, PA, November 2001.

"Introduction to S-Plus," University of Pennsylvania Department of Biostatistics and Epidemiology, Philadelphia, PA, August 2004, August 2003, August 2001 and August 2000.

"Variance Estimation in Complex Sample Designs," Biostatistics Department Brown Bag Seminar, Ann Arbor, MI, November 1999.

Co-taught statistical methods course for International Consortium of Psychiatric Epidemiology (ICPE), Institute for Social Research, Ann Arbor, MI, July 1997.

EDITORAL POSITIONS

Associate Editor, *Journal of the Royal Statistical Society, Series C (Applied Statistics)*, 2012-.
Associate Editor, *Journal of the American Statistical Association*, 2012-.
Associate Editor, *Journal of Official Statistics*, 2003-2012.

Editorial Board, *Journal of Safety Research*, 2007-2012.

TEACHING EXPERIENCE

Analysis of Repeated Measurements, University of Michigan School of Public Health, Department of Biostatistics, Fall Semester 2010.

Applied Bayesian Inference, University of Michigan School of Public Health, Department of Biostatistics, Winter Semester 2010.

Doctoral Seminar, Joint Program in Survey Methodology/Michigan Program in Survey Methodology, Fall 2009 (with Roger Tourangenau), Fall 2010 (with Frauke Kreuter).

Design and Analysis of Biostatistical Investigations, University of Michigan School of Public Health, Department of Biostatistics, Winter Semester 2009 (with Jeremy Taylor), Winter Semester 2012 (with Brisa Sanchez).

Fundamentals of Survey Methodology, Michigan Program in Survey Methodology, Fall Semester 2008, 2009 (with Mick Couper, Fred Conrad, Eleanor Singer).

Regression Models in Complex Sample Design Settings, Joint Program in Survey Methodology/Michigan Program in Survey Methodology, Fall Semester 2007, 2008, 2011.

Analysis of Survey Data III, Institute for Social Research Summer Institute, July 2006-07 (with Marc Musick, Steve Gulyas).

Applied Statistics II: Extensions for Linear Regression, University of Michigan School of Public Health, Department of Biostatistics, Winter Semester 2006-2008.

Applied Bayesian Statistics, University of Pennsylvania School of Medicine, Department of Biostatistics and Epidemiology, Spring Semester 2002, 2004.

Generalized Linear Models, University of Michigan School of Public Health Department of Biostatistics, Winter Semester 2000 (with Mark Becker).

DOCTORAL STUDENT THESIS ADVISEES

Anna Chernin (with Jeremy Taylor), Biostatistics, University of Michigan, 2011-

Bei Jiang (with Naisyin Wang), Biostatistics, University of Michigan, 2011-

Xi Xia, Biostatistics, University of Michigan, 2010-

Hanzhi Zhou (with Trivellore Raghunathan) , Survey Methodology, University of Michigan, 2009-

Ashley Bowers (with Steve Heeringha), Survey Methodology, University of Michigan, 2009-

Zeina Mneimneh (with Steve Heeringha), Survey Methodology, University of Michigan, 2009-2012 (Survey Director, Institute for Social Research, University of Michigan)

Qi Dong (with Trivellore Raghunathan), Survey Methodology, University of Michigan, 2009-2012 (Survey Methodologist, Google Inc.)

Xin Gao, Biostatistics, University of Michigan, 2008-2012 (2010 APHA Statistics Section Student Research Competition Winner)

Xiaobi Huang, Biostatistics, University of Michigan, 2007-2010 (Biometrician, Merck Laboratories)

Qixuan Chen (with Roderick Little), Biostatistics, University of Michigan, 2006-2009 (Assistant Professor, Columbia University Department of Biostatistics)

Yun Li (with Jeremy Taylor), Biostatistics, University of Michigan, 2006-2008 (Assistant Research Professor, University of Michigan Department of Biostatistics)

Julia Lin, Biostatistics, University of Pennsylvania, 2004-2006. (Biostatistician, Palo Alto Veterans Administration Hospital)

Mark Donovan (with Daniel Heitjan), Biostatistics, University of Pennsylvania, 2003-2006. (Principal Biostatistician, Bristol-Meyers-Squibb)

OTHER STUDENT ADVISING

<u>Research Assistant</u>

Hanzhi Zhou, Survey Methodology Program, University of Michigan, 2011-2012
Xi Xia, Biostatistics, University of Michigan, 2010-2012
Bei Jiang (with Lu Wang), Biostatistics, University of Michigan, 2009-2012
Angelo Karaboyas, Biostatistics, University of Michigan, 2009-2010
Xin Gao, Biostatistics, University of Michigan, 2008-2011

Alexa Resler, Biostatistics, University of Michigan, 2008
Xiaobi Huang, Biostatistics, University of Michigan, 2007-2010
Jack Chen, Biostatistics, University of Michigan, 2005-2007
Ye Zhong, Biostatistics, University of Pennsylvania, 2004-2005

Thesis Committee

Pangaja Paramsothy, Epidemiology, University of Michigan, 2011-2012
Sahar Zangeneh, Statistics, University of Michigan, 2010-2012
Chia-Ning Wang, Biostatistics, University of Michigan, 2010-
Carrie Hosman, Statistics, University of Michigan, 2010-2011
Nanhua Zhang, Biostatistics, University of Michigan, 2009-2011
Kimberly Henry, Survey Methodology, University of Maryland, 2009-2011
Timothy Kennel, Survey Methodology, University of Maryland, 2009-
Dan Liao, Survey Methodology, University of Maryland, 2009-2010
Lauretta Ovadje, Environmental Health Sciences, University of Michigan, 2008-
Jian Zhu, Biostatistics, University of Michigan, 2008-
Rebecca Andridge, Biostatistics, University of Michigan, 2008-2009
Yan Zhou, Biostatistics, University of Michigan, 2008-2009
Michael Bader, Sociology, University of Michigan, 2008-2009
Stina Mair, Epidemiology, University of Michigan, 2007-
Yong Zhang, Biostatistics, University of Michigan, 2007-
Mandy Yu, Survey Methodology, University of Michigan, 2007-2008
Di An, Biostatistics, University of Michigan, 2007-2008
Alli Bell, Education, University of Michigan, 2006-2010
Andrea Steege, Epidemiology, University of Michigan, 2006-2008
Mary H. Freire de Carvalho, Epidemiology, University of Michigan, 2006-2008
Gerardo Alvarez, Epidemiology, University of Michigan, 2006
Jessica Faul, Epidemiology, University of Michigan, 2005-2006
Ben Leiby, Biostatistics, University of Pennsylvania, 2004-2006
Gui-shaug Zhong, Biostatistics, University of Pennsylvania, 2003-2004
Zahnyun Zhao, Statistics, University of Pennsylvania, 2003

Academic Advisor

Jane Park, Survey Methodology Program, University of Michigan, 2011-
Pawel Paczuski, University of Michigan, 2011-2012
David Kim, Biostatistics, University of Michigan, 2010-2012
Hai Shu, Biostatistics, University of Michigan, 2010-2011
Laura Helmkamp, Biostatistics, University of Michigan, 2010-2012
Uiyong Kim, Survey Methodology Program, University of Michigan, 2010-2012
Angelo Karaboyas, Biostatistics, University of Michigan, 2009-2010
Zaoli Zhang, Survey Methodology Program, University of Michigan, 2009-2011
Hyun Jung Lee, Survey Methodology Program, University of Michigan, 2009-2011
Jack Chen, Survey Methodology Program, University of Michigan, 2007-2010
Su Chen, Biostatistics, 2007-2010
Chan Zhang, Survey Methodology Program, University of Michigan, 2007-2009
Lynette Zickl, Biostatistics, 2007-2009
Kevin Chang, Biostatistics, 2007-2009
Meihua Wu, Biostatistics, 2007-2008
Erica Zawacki, Survey Methodology Program, University of Michigan, 2006-2007

Maria Larkina, Biostatistics, University of Michigan, 2006-2007
Fei Wang, Survey Methodology Program, University of Michigan, 2006-2007
Jing Su, Biostatistics, University of Michigan, 2006-2007
Robin Ayoub, Biostatistics, University of Michigan, 2006-2007
Yizi Zhang, Survey Methodology Program, University of Michigan, 2006-2007
Jeffrey Wing, Biostatistics, University of Michigan, 2005-2006
Robert Krafty, Biostatistics, University of Pennsylvania, 2002-2003
Li Qin, Biostatistics, University of Pennsylvania, 2000-2002

Biostatistics Advisor

Julie Maslowsky, Psychology, University of Michigan, 2009-
Pearl Lee, Clinical Research Design and Statistical Analysis, University of Michigan, 2007-2009
Marina Catallozzi, Epidemiology, University of Pennsylvania, 2004-2012
Shamir Shah, Clinical Epidemiology, University of Pennsylvania, 2004-2007
Sandra Schwab, Clinical Epidemiology, University of Pennsylvania, 2005
John Sun, Clinical Epidemiology, University of Pennsylvania, 2004-2005
Douglas Ivins, Clinical Epidemiology, University of Pennsylvania, 2004
Aaron Donohue, Clinical Epidemiology, University of Pennsylvania, 2002-2005
Linda Brown, Clinical Epidemiology, University of Pennsylvania, 2002-2005
Steven Kawet, Clinical Epidemiology, University of Pennsylvania, 2001-2004
Athena Zuppa, Clinical Epidemiology, University of Pennsylvania, 2001-2004
Marsha Covitz, Clinical Epidemiology, University of Pennsylvania, 2001-2005

ACADEMIC SERVICE

Training Grants

Member, T32 Public Health Aging Executive Committee, 2011-.

Committees

Senior Staff Advisory Committee, Institute for Social Research, 2010-2012.

Practice Committee, University of Michigan School of Public Health, 2008-.

Chair, Student Affairs Committee, Department of Biostatistics, University of Michigan School of Public Health, 2007-.

Candidacy Committee, Department of Biostatistics, University of Michigan School of Public Health, 2007-.

Summer Institute Advisory Committee, Survey Research Center, University of Michigan Institute for Social Research, 2005-.

Curriculum Committee, Department of Biostatistics, University of Michigan School of Public Health, 2005-2007.

Seminar Committee, Department of Biostatistics, University of Michigan School of Public Health, 2005-2007.

Symposium Planning Committee, University of Michigan School of Public Health, 2006, 2010.

Executive Committee, Division of Biostatistics, University of Pennsylvania School of Medicine Department of Biostatistics and Epidemiology, 2004-2005.

Service Center Committee, University of Pennsylvania School of Medicine Department of Biostatistics and Epidemiology, 2002-2005.

Chair, Student Computing Committee, Division of Biostatistics, University of Pennsylvania School of Medicine Department of Biostatistics and Epidemiology, 2001-2005.

Admissions Committee, Division of Biostatistics, University of Pennsylvania School of Medicine Department of Biostatistics and Epidemiology, 2000-2005.

Student Funding Committee, Division of Biostatistics, University of Pennsylvania School of Medicine Department of Biostatistics and Epidemiology, 2000-2002.

Computing Committee, Division of Biostatistics, University of Pennsylvania School of Medicine Department of Biostatistics and Epidemiology, 2000-2002.

Advisor/Director

Program Coordinator, Survey Methodology Program, Institute for Social Research, 2010-

Faculty Director, Statcom@umich (statistics volunteer organization), 2007-.

Faculty Advisor, Michigan Student Symposium for Interdisciplinary Statistical Sciences, 2007-.

PROFESSIONAL SERVICE

Grant Reviews

Statistical Grant Reviewer, National Institute of Health Community Influences on Health Behavior, 2011-2015 (Temporary Member October 2010).

Statistical Grant Reviewer, National Institute of Health AIDS Clinical Studies and Epidemiology (Temporary Member), November 2007.

Statistical Grant Reviewer, American Cancer Society's Health Policy and Health Services Research Committee (Temporary Member), January 2007.

Statistical Grant Reviewer, National Institute of Health Biostatistics Methods and Research Design (Temporary Member), February 2005, October 2005.

Statistical Grant Reviewer, National Institute of Health Special Emphasis Panels, March 2011, November 2006, March 2004, March 2003.

Statistical Grants Reviewer, National Science Foundation, April 2010, June 2009, October 2005, May 2004.

Conference Organizing

2011 Atlantic Causal Conference: Co-Chair

Joint Statistical Meetings 2010 Program Committee Member: Survey Methodology Chair.

7th International Conference on Health Policy Research (ICHPR) 2008: Executive Committee Member.

Joint Statistical Meetings 2005 Program Committee Member: General Methodology Chair.

Eastern North American Biometrics Society 2004 Meeting Program Committee Member: ASA Survey Methodology Representative.

Committee and Board Membership

Member, Data Safety and Monitoring Board, "Way to Quit Study," PI: Scott Halpern, M.D., University of Pennsylvania School of Medicine, 2010-.

Member, Publication Team Working Group, National Children's Study, 2008-2012.

Member, Sampling Team Working Group, National Children's Study, 2008-2010.

Chair, Behavioral Risk Factor Surveillance Survey Oversight committee, organized by the American Statistical Association at the request of the Centers for Disease Control, 2006- (Member 2002-2005).

Member, Data Safety and Monitoring Board, "Early Cognitive Intervention for Suicide Attempters," PI: Greg Brown, M.D., University of Pennsylvania School of Medicine, 2003-2008.

PROFESSIONAL ASSOCIATION MEMBERSHIP

International Statistical Institute (2006-)
Association for the Advancement of Automotive Medicine (2005-)
American Public Health Association (2002-)
Eastern North American Biometrics Society (2000-)
Royal Statistical Society (2000-)
American Statistical Association (1995-)

OTHER PROFESSIONAL ACTIVITIES

Book Reviews

1. *Analysis of Health Surveys*, Korn, E.L., and Graubard, B.I., New York: Wiley, 1999, *Journal of the American Statistical Association* (2001), **96**, 351-352.

2. *Regression Methods in Biostatistics: Linear, Logistic, Survival, and Repeated Measures Models*, Vittinghoff, E., Glidden, D.V., Shiboski, S.C., McCulloch, C.E., New York: Springer, 2005, *Biometrics* (2006), **62**, 1271-1272.

Textbook Reviewer

CRC Press
Springer-Verlag Publishers

Journal Referee

American Journal of Epidemiology
Annals of Applied Statistics
Bayesian Analysis
Biometrics
Biostatistics
Bulletin of the World Health Organization
Canadian Medical Association Journal
Drug Safety
Entropy
Epidemiology
Ethnicity and Health
Injury Prevention
Journal of Adolescent Health
Journal of the American Statistical Association
Journal of Computational and Graphical Statistics
Journal of Educational and Behavioral Statistics
Journal of Epidemiology and Community Health
Journal of Gerontology: Social Science
Journal of Official Statistics
Journal of Pediatric Psychology
Journal of Statistical Planning and Inference
Journal of the Royal Statistical Society (Series B: Statistical Methodology)
Journal of the Royal Statistical Society (Series C: Applied Statistics)
Journal of Studies on Alcohol and Drugs
Mathematical Population Studies
Metron
Multivariate Behavioral Research
Population Studies
Psychological Methods
Public Opinion Quarterly
Social Behavior and Personality: An International Journal
Sociological Methodology
Sociological Methods and Research
Statistica Sinica
Statistical Methods for Medical Research
Statistical Science, Statistics and Probability Letters
Statistics in Medicine
Survey Methodology
Test