CURRICULUM VITAE

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Personal Data

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Academic Training

1993   BS, Truman State University, Kirksville MO, Major: Mathematics

1995   MS, Iowa State University, Ames IA, Major: Statistics

1998   Ph.D., Iowa State University, Ames IA, Major: Statistics

Professional Organizations and Societies

American Statistical Association, Elected Fellow in 2014

International Biometrics Society, ENAR Member

Academic Appointments

1993-1994 Teaching Assistant (Instructor), Department of Mathematics, Iowa State University, IA

1994-1996	Teaching Assistant (Instructor), Department of Statistics, Iowa State University, IA
1996	Summer Internship, Sandoz Pharmaceutical Company, NJ
1996-1998	Research Assistant, Center for Family Research in Rural Mental Health, Iowa State University, IA
1998-2004	Assistant Professor, Division of Biostatistics, School of Public Health, University of Minnesota, MN
2004-2010	Associate Professor with tenure, Division of Biostatistics, School of Public Health, University of Minnesota, MN
2005	Visiting scholar, l'Ecole des Mines, Fontainebleau, and l'Institut National de la Santé et de la Recherche Médicale, Paris, France
2010	Full Professor with tenure, Division of Biostatistics, School of Public Health, University of Minnesota, MN
2010-Present	Full Professor of Biostatistics (in Psychiatry) with tenure, Division of Biostatistics, Department of Psychiatry, and Department of Biostatistics, Mailman School of Public Health, Columbia University Medical Center, NY
2012-Present	Director of the Division of Biostatistics in the Department of Psychiatry, Columbia University Medical Center, Research Foundation for Mental Hygiene, and the New York State Psychiatric Institute, NY

Honors

1996	Teaching Excellence Award, Iowa State University
2001	Recipient of Young Researcher Travel Award. Conference in Celebration of Wayne A. Fuller's 70th Birthday on June 21. Ames, IA.
2004	Leonard Schuman Excellence in Teaching Award, School of Public Health, University of Minnesota
2004-2007	University of Minnesota McKnight Presidential Fellow for Research and Scholarship
2014	Elected Fellow of the American Statistical Association

Fellowship and Grant Support

Active Support:

2012-2017   Towards a comprehensive developmental model of substance use disorder
NIH-NIDA
Role: Co-Investigator (PI: Carlos Blanco, Columbia University)
Total direct support: **10% salary support**

2012-2017   State medical marijuana laws and teen marijuana use and attitudes
1R01DA034244
NIH-NIDA
Role: Co-Investigator (PI: Deborah Hasin, Columbia University)
Total direct support: **10% salary support**

2012-2017   Interagency Collaboration to Implement Effective Behavioral
Interventions
1R01MH095676
NIH-NIMH
Role: Co-Investigator (PI: Rogerio Pinto, Columbia University)
Total direct support: **5% salary support**

2013-2016   Comparative Effectiveness of Developmental-Behavioral Screening
Instruments
1R01DA072778
NIH
Role: Co-Investigator (PI: Ellen Perrin, Tufts University)
Total direct support: **2% salary support**

2014-2018   Mechanisms of Antidepressant Non-Response in Late-Life Depression
R01 MH102293
NIH
Role: Co-Investigator (PI: Bret Rutherford, Columbia University)
Total direct support: **5% salary support**

2013-2017   Project EAT IV: Eating & Activity in Adolescents and Young Adults
1R01-HL116892-01
NIH
Role: Co-Investigator (PI: Dianne Neumark-Sztainer, University of
Minnesota)
Total direct support: **10% salary support**

2014-2019   Predictors of high risk behaviors among youth
R01HD060072 06A1

NIH
Role: Co-Investigator (PI: Silvia Martins, Columbia University)
Total direct support: **5% salary support**

2014-2019	<u>State medical marijuana laws and NSDUH marijuana use and consequences since 2004</u> 1 R01 DA037866 01 NIH Role: Co-Investigator (PI: Silvia Martins, Columbia University) Total direct support: **5% salary support**
2014-2016	<u>FAST-PS mGluR5 Cntnap2 Study</u> HHSN27100005 NIH Role: Co-Investigator (PI: Jeffrey Lieberman, Columbia University) Total direct support: **5% salary support**
2015-2018	<u>Prescription drug use in the US population: Gateway Effects and Family Patterns.</u> R 01DA036748 NIH Role: Co-Investigator (PI: Denise Kandel, Columbia University) Total direct support: **5% salary support**
2015-2018	<u>Role of depression and anxiety in the tobacco epidemic</u> 5 R01 DA020892-06 NIH Role: Co-Investigator (PI: Renee Goodwin, Columbia University) Total direct support: **5% salary support**
2015-2018	<u>Comparative effectiveness of adaptive pharmacotherapy strategies for schizophrenia</u> CER-1310-06750 PCORI Role: Co-Investigator (PI: Scott Stroup, Columbia University) Total direct support: **5% salary support**
2015-2019	<u>DSM-IV Dependence and DSM-5 SUD: Reliability and Validity in Patient Samples</u> R01 DA18652-60A1 NIH-NIDA Role: Co-Investigator (PI: Deborah Hasin, Columbia University) Total direct support: **5% salary support**

2015-2019   HealthCall: Enhancing brief intervention for HIV primary care alcohol
                   dependence
                   R01 AA023163-01
                   NIH-NIAAA
                   Role: Co-Investigator (PI: Deborah Hasin, Columbia University)
                   Total direct support: **5% salary support**

Past Support:

1999-2000   Allina's Human Resources Study (Funding agency: Allina Foundation)
                   Role: Co-Investigator (PI: Pat McGovern, U of Minnesota)
                   Total direct support: $35,000

1999-2000   Nonlinear latent variable modeling (Funding agency: University of
                   Minnesota Grant-in-Aid)
                   Role: **Principal Investigator**
                   Total direct support: $23,849

1999-2001   Factors Associated with Nutritional Intake in Adolescents (Project EAT 1)
                   (Funding agency: Maternal Child Health Bureau)
                   Role: Statistician (PI: Dr. Dianne Neumark-Sztainer, U of Minnesota)
                   Total direct support: $719,98

1999-2004   Minnesota Center for Excellence in Health Statistics (Funding agency:
                   National Center for Health Statistics)
                   Role: **Principal Investigator of subcontract**
                   (PI: John Oswald, MN Health Dept)
                   Total direct support: $945,562

2000- 2002   Alcohol Abuse Treatment Outcomes Managed Care
                   (Funding agency: NIH-NIAAA)
                   Role: Co-Investigator (PI: Robert Kane, U of Minnesota)
                   Total direct support: $800,425

2001-2004   Quality of Life in Children Who Survived Neuroblastoma (Funding
                   agency: American Cancer Society)
                   Role: Co-Investigator (PI: Dr. James Gurney, U of Minnesota)
                   Total direct support: $597,975

2001-2007   Project EAT II (Funding agency: Maternal Child Health Board)
                   Role: Co-Investigator (PI: Dianne Neumark-Sztainer, U of Minnesota)
                   Total direct support: $1,200,000

2002-2003   Characterizing Anthrax Patterns in Minnesota to Predict Future Outbreaks
                   and Ensure Preparedness (Funding agency: University of Minnesota)

Role: Co-Investigator (PI: Jeff Bender, U of Minnesota)
Total direct support: $25,000

2002-2003   Incorporating Contributing Conditions at Death into Mortality Data Analysis (Funding agency: Minnesota Medical Foundation)
Role: **Principal Investigator**
Total direct support: $12,629

2003-2004   Minnesota Department of Health Annual Plan - Syndromic Surveillance (Funding agency: Center for Disease Control)
Role: **Principal Investigator**
Total direct support: $10,000

2003-2007   Statistical Methods in Cancer Control and Epidemiology (Funding agency: NIH-NCI)
Role: Co-Investigator (PI: Brad Carlin, U of Minnesota)
Total direct support: $1,397,574

2005-2009   Latent variable models and methods for behavioral health data in public health (Funding agency: NIH-NIAAA-1R01-AA014924-03)
Role: **Principal Investigator**
Total direct support: $400,000

2006-2009   Examining the Obesity Epidemic through Youth, Family, and Young Adults (TREC, COREB)
(Funding agency: NIH-U54CA116849)
Role: Statistician (PI: Simone French, Robert Jeffreys, U of Minnesota)
Total direct support: $1,394,194

2007-2009   Developing pregnancy weight gain charts (Funding agency: UCare Medical Foundation and Health Partners Grants initiative)
Role: Co-Investigator (PI: Patricia Fontaine, U of Minnesota)
Total direct support: $375,000

2007-2009   Mindfulness Meditation versus Pharmacotherapy for Chronic Insomnia: Pilot Study (Funding agency: Minnesota Academic Health Center faculty research development grant)
Role: Co-Investigator (PI: Cynthia Gross, U of Minnesota)
Total direct support: $200,000

2007-2010   An intervention to improve expression of end of life preferences for homeless people
(Funding agency: NIH-1R01-NR009815)
Role: Co-Investigator (PI: John Song, U of Minnesota)
Total direct support: $450,000

2008-2010	Household and Neighborhood Food Choices
	(Funding agency: NIH-1R21-CA137240)
	Role: Co-Investigator (PI: Simone French, U of Minnesota)
	Total direct support: $125,000

2009-2010	Association between behavioral disturbances and nursing home admission in patients with Alzheimer's disease
	(Funding agency: Eli Lilly and Co.)
	Role: Co-investigator (PI: Joseph Gaugler, U of Minnesota)
	Total direct support: $109,205

2009-2010	Project F-EAT: Families and Eating Activity in Teens
	(Funding agency: NIH - R01 HL093247)
	Role: Co-Investigator (PI: Dianne Neumark-Sztainer, U of Minnesota)
	Total direct support: $300,000

2011-2012	Substance abuse in US Hispanics: A national study
	(Funding agency: NIH-R01DA019606-04)
	Role: Statistician (PI: Carlos Blanco, Columbia University)
	Total direct support: $152,253

2007-2013	Project EAT III: Eating Among Teens and Young Adults
	NIH-1R01-HL084064-02
	Role: Co-Investigator (PI: Dianne Neumark-Sztainer, U of Minnesota)
	Total direct support: $1,500,000

2009-2014	Multilevel latent class and social network models for observational adolescent obesity data
	NIH-1U01-HD061940
	Role: **Principal Investigator**
	Total direct support: $600,000

2010-2015	Adverse childhood experiences, personality psychopathology, and alcohol disorders
	NIH-U01-AA018111-01
	Role: Statistician (PI: Deborah Hasin, Columbia University)
	Total direct support: $468,201

Departmental and University Committees

1998-2004	Curriculum Committee (Chair 2000-2004), Division of Biostatistics, University of Minnesota

1998-2001	Chair, Seminar Committee, Division of Biostatistics, University of Minnesota
1999-2004	Asst/Assoc/Full Professor Search Committee, Division of Biostatistics, University of Minnesota
2000-2010	Student Recruiting Committee, Division of Biostatistics, University of Minnesota
2002-2004	Major Chair of Biostatistics, Educational Policy Council, School of Public Health, University of Minnesota
2006-2008	Director of Graduate Studies, Division of Biostatistics, University of Minnesota
2006-2010	Admissions Committee, Division of Biostatistics, University of Minnesota
2006-2010	Student Awards Committee, Division of Biostatistics, University of Minnesota
2007-2008	Chair, Joint Biostatistics and Epidemiology Assistant/Associate Search Committee, University of Minnesota
2008-2010	Advancement, Promotion, and Tenure Committee, School of Public Health, University of Minnesota
2011-2012	Biostatistics in Psychiatry Seminar Chair, Columbia University NYSPI
2015	Mailman School of Public Health Precision Medicine Task Force, Columbia University
2014-present	Chair, Annual Faculty Review committee, Columbia University

Teaching Experience and Responsibilities

1998-2010	8 semester offerings of Biostatistical Models and Methods, University of Minnesota, (20-115 students each semester)
1999-2001	2 semester offerings of Spatial Biostatistics, University of Minnesota, 9-10 students
2000-2010	8 semester offerings of Latent Variable Measurement Modeling and Path Analysis, University of Minnesota, (between 22-39 students each semester)

2011-present   Regular guest lecture in two different courses (Columbia University): Mailman School of Public Health: Alcohol and Drug Epidemiology Course (Prof: Hasin) and NYPSI Statistical Methods Training for Research Fellows.

2012-present   6 semester offerings of Latent variable and structural equation modeling for health sciences (3 credits, Spring semester Columbia University): In 2012, 12 students enrolled, 6 additional researchers sat-in; In 2013, 26 students enrolled, 7 additional researchers logged into online notes. In 2014, 27 students enrolled, 4 additional researchers sitting in. In 2015, 38 students enrolled, 8 additional researchers sitting in. In 2016, 26 students enrolled, 4 additional researchers sitting in. In 2017, 30 students enrolled.

Student Thesis Advising

2001-present   **Ph.D. and Dr.PH Thesis Sponsorship**, Primary dissertation advisor for:
- Fujun Wang graduated 2002, Ph.D. in biostatistics, U of Minnesota "Modeling and predicting common factors in multivariate spatial health-statistics data"
- Xuan Liu graduated 2005, Ph.D. in biostatistics, U of Minnesota "Latent variable models for multivariate spatial data"
- Jia Guo graduated 2006, Ph.D. in biostatistics, U of Minnesota "Biostatistical models with latent variables"
- Nicholas Salkowski graduated 2011, Ph.D. in biostatistics, U of Minnesota "Approaches to handling time-varying covariates in survival models"
- Gary Yu graduated 2013, Dr.PH in biostatistics, Columbia University "Identifying patterns in behavioral public health data using mixture modeling with an informative number of repeated measures"
- Cheryl Raffo ongoing 2014 – present, Dr.PH in biostatistics, Columbia University

1998-2010 **Master's thesis sponsorship at University of Minnesota**
- Primary advisor for 21 biostatistics masters students writing a master's thesis

2010-present **Master's project advisor at Columbia University**
- Primary advisor for biostatistics masters projects: Ernest Poh (2011), JinJoo Shim (2012), Ruth Eisenberg (2013), Fion Hseih (2013), Yi Liu (2013), Min Chen (2015), Jun Zhu (2015)

1998-2010 Doctoral dissertation committee member at University of Minnesota – 55 PhD students from epidemiology, health services research, environmental health, psychology, education, sociology, economics.

2010-present Doctoral (PhD and DrPH) dissertation committee member at Columbia University

- Zhifen Cheng graduated 2012, Ph.D. in education (sponsor: Larry DeCarlo), "Comparing estimation methods for latent class signal detection"
- Kim Glickman graduated 2013, Ph.D. in social work (sponsor: Kathy Shear), "Mediators of complicated grief therapy"
- Tasha Stehling-Ariza graduated 2014, Ph.D. in epidemiology (sponsor: Sharon Schwartz), "Materialism, health and social gradient"
- Stephanie Zhang graduated 2014, Ph.D. in statistics (sponsor: Zhiliang Ying), "Statistical inference and experimental design for Q-matrixed based cognitive diagnostic models"
- Mimi Fenton graduated 2015, PhD in epidemiology (sponsor: Sharon Schwartz) "Examining benzodiazepine abuse in the context of prescriptions for the drug"
- Rahbel Rahman graduated 2015, Ph.D in social work (sponsor: Rogerio Pinto) "Predictors of service integration in health teams in Brazil"
- Anita Radix in epidemiology 2013-present (sponsor: Elaine Larson), "Utilization of health care services and health status of transgender clients at a NYC community health center"
- Jennifer DeCuir in epidemiology 2013-present (sponsor: Crystal Fuller), "Examining the role of pharmacy staff attitudes on syringe exchange programs"

Training Fellowships Sponsored/Mentored

2007-2010   Mentor, NIH CAPS Fellowship winner, Examine pharmacodynamics in overweight children (L'Aurelle Johnson, Asst Prof, U of Minnesota)

2007-2010   Mentor, NIH-NCI K Award recipient, High school wellness committee policies as they relate to adolescent outcomes (Susie Nanney, Asst Prof, U of Minnesota)

2008-2010   Mentor, BIRCH Fellowship winner, Models for family structure and dynamics influencing obesity in adolescents (Jerica Berge, Asst prof, U of Minnesota)

2009-present Mentor, NIH-K02 Award recipient, Applying Latent Variable Modeling to Comorbidity Treatments Research (Matt Kushner, Assoc Prof, U of Minnesota)

2010-2012   Research Supervisor/Mentor, Modeling adolescent peer friendship network relationships in health outcome (Jin Joo Shim, Biostatistics Masters student Columbia University)

2010-2012   Research Supervisor/Mentor (co-mentor with Dr. Rogerio Pinto, Sociology Columbia Univeristy), Predicting interagency collaboration in HIV community centers (Gary Yu, Biostatistics PhD student Columbia University)

2011   Faculty mentor for two undergraduate students in the "BEST" diversity program in Biostatistics, (Columbia University).

2011-2013   Research Supervisor/Mentor, Expanding methods for item response theory modeling of psychiatric disorders (Jung Yeon Park, Ph.D. student, Teachers' College, Columbia University)

2011-present   Mentor, Research Training Program in Psychiatric Epidemiology at Columbia University NIMH (T32MH013043), PI: Bruce Link

2012-present   Mentor, Mark Hatzenbuehler (Post-doctoral researcher Psychiatric Institute, Columbia University) - NIHK01 on mental health and substance use disparities in LGB populations

2012-present   Mentor, Research Training Program in Epidemiology of Substance Use Disorders at Columbia University T32DA031099-01A1, PI: Deborah Hasin

2013-present   Mentor, Kerry Keyes (Assistant professor of epidemiology, Columbia University) - NIHK01 on black white differences in consequences of alcohol abuse

2014-present   Mentor, Neil Aggarwal (Assistant professor of psychiatry, Columbia University) - NIHK01 Developing the cultural formulation interview

2015-present   Mentor, Seonjoo Lee (Assistant professor of biostatistics, Columbia University) - NIHK01 Statistical methods for neural mechanisms mediating cognitive sysem in mental health research.

Selected Academic Presentations (within the last 10 years)

National Conference Presentations:

1. "In search of an optimally valid criteria set for diagnosing alcohol use disorder", Psychometrics Society Meeting, Beijing China, July 2015.
2. "Assessment of dimensionality can be distorted by too many zeroes: An example from psychiatry and a solution using mixture models", International Biometric Society ENAR Spring meeting, Miami FL, March 2015.
3. "Shared versus specific effects of treatment on multiple outcomes in clinical trials using latent variable modeling", International Biometric Society ENAR Spring meeting, Baltimore MD, March 2014, and the Joint Statistical Meeting, Boston MA August 2014, both Invited.
4. "Assessment of dimensionality can be distorted by too many zeroes: An example from psychiatry and a solution using mixture models", Psychometrics Society Meeting, Madison WI, July 2014.

5. "Are you looking for the right interactions? Additive versus multiplicative interactions with dichotomous outcome variables" International Biometric Society ENAR Spring meeting, Orlando FL, March 2013.
6. "Examining Item Response Theory Analyses of DSM Psychiatric Disorders", Joint Statistical Meeting. Topics Contributed Statistics in Mental Health Research. San Diego, CA, August 2012.
7. "Item Response Theory: Applications and Extensions to Psychiatric Disorder Criteria", Psychometrics Society Conference. Invited 'State of the Art' talk. Lincoln Nebraska July 2012.
8. Discussant for the session on "The analysis of social network data in public health", International Biometric Society ENAR Spring meeting, Washington D.C, April 2012.
9. "Comparing Alternative Psychiatric Diagnostic Criteria sets using Item Response Theory with Total Information Curves", Joint Statistical Meeting, Miami Beach, FL, August 2011.
10. "Spatial latent class analysis model for spatially distributed multivariate binary data", International Biometric Society ENAR Spring meeting, Invited. Miami, FL, March 2011.
11. "A structured latent class model versus a factor mixture model for exploring clusters of obesogenic behaviors and environments in adolescents," International Biometric Society ENAR Spring meeting, New Orleans, LA, March 2010.
12. "Nonlinear structural equation modeling as a statistical method," 20th Annual Convention of the Association for Psychological Science, Chicago, IL, May 2008. Invited.
13. "Analysis of outcomes measured through multiple imperfect sources - Latent Class Modeling," Society of Epidemiologic Research, Boston, MA, June 2007. Invited.
14. "Multiple latent class models," International Biometric Society ENAR Spring meeting, Atlanta, GA, March 2007. Invited.

Invited Departmental Seminars:

1. "In search of an optimally valid criteria set for diagnosing alcohol use disorder", Department of Statistics, University of Connecticut, November 2015.
2. "IRT and other latent variable models: Applications to psychiatric disorders" Department of Biostatistics and Epidemiology, Memorial Sloan-Kettering Cancer Center, New York May 2014.
3. "Item Response Theory: Applications and Extensions to Psychiatric Disorder Criteria" Department of Mathematics and Statistics, University of Maryland Baltimore County, April 2013.
4. "Conceptualizing mediation and assessing it with data: Baron-Kenny and Beyond" Department of Psychiatry, Division of Biostatistics. Columbia University, October 2012.
5. "Item Response Theory Applications and Extensions to Psychiatric Disorder Criteria" Department of Psychology, Fordham University, October 2012.
6. "Are you looking for the right interactions? Additive versus multiplicative interactions with dichotomous outcome variables" Department of Psychiatry, Division of Biostatistics. Columbia University, October 2011.

7. "Spatially distributed latent variable models" Departments of Psychology and Statistics, Ohio State University "Wherry Lecture", April 2011.
8. "Developing Criteria for a new disorder in DSM5" Department of Sociology, Columbia University, co-presentation with Kathy Shear, October 2010.
9. "Clustering Variables Clustering Individuals – Examining factor mixture models and a new structured latent class method" Department of Psychiatry, Division of Biostatistics. Columbia University, September 2010.
10. "Nonlinear structural equation modeling as a statistical method," Department of Biostatistics. Columbia University, March 2009.
11. "Structural equation modeling of latent classes," Department of Psychiatry, Division of Biostatistics. Columbia University, January 2009.
12. "Extension to structural equation modeling," Department of Biostatistics, MD Anderson Cancer Center, Houston TX, December 2008.
13. "Modeling multiple latent classes," Division of Research, Hebrew Senior Life Institute for Aging Research, Boston, March 2008.
14. "Structural equation modeling of latent classes," Department of Statistics, North Carolina State University, November 2007.

Other Professional Activities

2000   Conference developer and organizer, Minnesota Conference on Measurement and Assessment of Health Disparities, first annual conference held May 2000.

2000   Roundtable for organizing the Conference on Adolescent Health, School of Public Health, University of Minnesota

2003-2004   National Institute of Health (NIH) Clinical Cardiovascular Science (CCVS) study section

2003-2006   Data Safety and Monitoring Board (DSMB), Islet transplantation in diabetic patients (PI: Bernhard J. Hering, University of Minnesota)

2004   Session Organizer, "Latent Variable modeling in the health sciences," Joint Statistical Meetings, Toronto Canada, August 5

2007   National Institute of Health (NIH-NIAAA) Special review panel for RFA-Mechanisms of behavior change in the treatment of alcohol use disorders

2006-2011   National Institute of Health (NIH) Biostatistical methods and research design (BMRD) study section

2008-2011   Associate Editor, The American Statistician

2011   NSF Measurement, Methodology and Statistics scientific review panel

2012   National Institute of Health (NIH-NIMH) Special review panel for RFA-Information technology advances for health services in mental health

2011-present   Consulting Editor, Psychological Methods

2012-2013   ENAR Program Chair for the 2013 Joint Statistical Meeting Conference in Montreal.

2013-2016   National Institute of Mental Health (NIMH) Health Services (SERV) study section

2015-present   Elected member of Regional Committee (RECOM) of ENAR of International Biometrics Society

Bibliography

An asterisk (*) is used to denote first or senior author.

Peer Reviewed Articles

1998

1. Spoth RL, Redmond C, Shin C, Lepper HA, Haggerty K, Wall MM. Risk moderation of parent and child outcomes in a preventive intervention: A test and replication, American Journal of Orthopsychiatry, 68, 565-579. 1998.

2000

2. *Wall MM, and Amemiya Y. Estimation for polynomial structural equation models, Journal of the American Statistical Association, 95, 929-940. 2000.

2001

3. *Wall MM, and Amemiya Y. Generalized appended product indicator procedure for fitting polynomial structural models, Journal of Educational and Behavioral Statistics, 26, No. 1, 1-29. 2001.

4. *Wall MM, Boen JR, and Tweedie RL. An effective confidence interval for the mean with samples of size 1 and 2, The American Statistician, 55, 102-105. 2001.

2002

5. Pan W and Wall MM. Approximate inferences using the sandwich variance estimator in generalized estimating equations, Statistics in Medicine, 21, No. 10, 1429-1441. 2002.

6. Irving L, Wall MM, Neumark-Sztainer D, and Story M. Steroid use among adolescents: Findings from Project EAT, Journal of Adolescent Health, 30, 243-252. 2002.

2003

7. *Wall MM and Amemiya YA. A method of moments technique for fitting interaction effects in SEM, British Journal of Mathematical and Statistical Psychology, 56, 47-63. 2003.

8. *Wang F and Wall MM. Generalized common spatial factor model, Biostatistics, 4(4), 569-582. 2003.

9. *Wang F and Wall MM. Incorporating parameter uncertainty into prediction intervals for spatial data modeled via a parametric variogram, Journal of Agricultural, Biological, and Environmental Statistics, 8(3), 296-309. 2003.

10. *Wall MM and Li R. A comparison of multiple regression to two latent variable techniques for estimation and prediction, Statistics in Medicine, 22:3671-3685. 2003.

11. Banerjee S, Wall MM, and Carlin B. Frailty modeling for spatially correlated survival data, with application to infant mortality in Minnesota, Biostatistics, 4, 123-143. 2003.

12. Neumark-Sztainer D, Wall MM, Story M, and Perry C. Correlates of unhealthy weight control behaviors among adolescent girls and boys: Implications for the primary prevention of disordered eating, Health Psychology, 22(1), 88-99. 2003.

13. Neumark-Sztainer D, Wall MM, Perry C, Story M. Correlates of fruit and vegetable intake among adolescents: Findings from Project EAT, Preventive Medicine, 37, 198-208. 2003.

14. Utter J, Neumark-Sztainer D, Wall MM, Story M. Reading magazine articles about dieting and associated weight control behaviors among adolescents Journal of Adolescent Health, 32, 78-82. 2003.

2004

15. *Wall MM. A close look at the spatial structure implied by the CAR and SAR models. Journal of Statistical Planning and Inference, 121, 2, 311-324. 2004.

16. *Zhao Y and Wall MM. Investigating the use of the variogram for lattice data. Journal of Computational and Graphical Statistics. Vol 3, 3. 2004.

17. *Wall MM, Stromberg K, Potthoff S, Kane R. Defining Alcoholism Treatment Episodes from Mental Health Care Utilization Records. Journal of Clinical Epidemiology, 57, 373-380. 2004.

18. *Wall MM. Adjusting SIDS rates by seasonality in births in Minnesota. Statistics in Medicine. 23(13): 2037-2048. 2004.

19. Kelly A, Wall MM, Eisenberg M, Story M, Neumark-Sztainer D. High body satisfaction in adolescent girls: Association with demographic, socio-environmental, personal, and behavioral factors, Journal of Adolescent Health, 34(2), 129. 2004.

20. Kane R, Wall MM, Potthoff S, McAlpine D. Isolating the effect of alcoholism treatment on medical care use, Journals of Studies on Alcohol, 65(6), 758-765. 2004.

21. Ness K, Gurney J, Wall MM, Olsen R, Boergerhoff L. Screening for risk of falling in community- dwelling elderly people may increase fear of falling. Journal of Geriatric Physical Therapy, 2, 100-104. 2004.

22. Findorff M, McGovern PM, Wall MM, Gerberich S, Alexander B. Risk factors for work-related violence in a health care organization. Injury Prevention, 10(5), 296-302. 2004.

23. Neumark-Sztainer D, Goeden C, Story M, Wall MM. Associations between body satisfaction and physical and sedentary activities in a population-based sample of adolescent girls and boys. Eating Disorders: The Journal of Treatment and Prevention, 12:125-137. 2004.

24. Neumark-Sztainer D, Wall MM, Story M, Fulkerson JA. Are family meal pattern associated with disordered eating behaviors among adolescents? Journal of Adolescent Health, 35, 350-359. 2004.

25. Jones-Webb R, Yu X, O'Brien J, Hannan P, Wall MM, Oswald J. Does Socioeconomic Position Moderate the Effects of Race on Cardiovascular Disease Mortality? Journal of Ethnicity and Disease, 14(4). 2004.

26. Kane R, Wall MM, Potthoff S, Stromberg K, Dai J, Meyer Z, The effect of alcohol treatment on medical use. Medical Care 42(4), 395-402. 2004.

27. Denny S, Clark T, Flemming T, and Wall MM. Emotional resilience: risk and protective factors for depression among alternative education students in New Zealand. American Journal of Orthopsychiatry, Vol 74(2), 137-149. 2004.

2005

28. *Wall MM, Dai Y, Eberly LE. GEE Estimation of a Mis-specified time-varying covariate in Poisson regression with many observations, Statistics in Medicine, 24:925-939. 2005.

29. *Wall MM, Huang J, Oswald J, Dalin D. Factors associated with reporting multiple causes of death, Biomedical Central Medical Research Methodology. 5:4. 2005.

30. *Friedman L, Wall MM. Graphical views of suppression and multicollinearity in multiple linear regression, The American Statistician, vol. 59, no. 2, pp. 127 - 136. 2005.

31. *Liu X, Wall MM, Hodges J. Generalized spatial structural equation models, Biostatistics, 6, 539-557. 2005.

32. Patterson J, Erickson J, Wall MM. Risk behaviors and emotional well-being in youth with chronic health conditions, Children's Health Care 34(3), 181-192. 2005.

33. Himes J, Hannan P, Wall MM, Neumark-Sztainer D. Factors associated with errors in self-reports of stature, weight, and body mass index in Minnesota adolescents, Annals of Epidemiology, 15(4), 272-278. 2005.

34. Findorff M, McGovern PM, Wall MM, Gerberich S. Reporting violence to a health care employer, Journal of the American Association of Occupational Health Nurses, 53(9), 399-407. 2005.

35. Ness K, Mertens A, Hudson M, Wall MM, Leisenring W, Oeffinger K, Sklar C, Robison L, Gurney J. Limitation on physical performance and daily activities among long-term survivors of childhood cancer. Annals of Internal Medicine, 143(9), 639-647. 2005.

36. Hanson N, Neumark-Sztainer D, Eisenberg M, Story M, Wall MM. Associations between parental report of the home food environment and adolescent intakes of fruits, vegetables and dairy foods. Public Health Nutrition 8(1), 77-85. 2005.

2006

37. *Guo J, Wall MM, Amemiya Y. Latent class regression on latent factors. Biostatistics, 7(1), 145-163. 2006.

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