

Rebecca R. Andridge

CONTACT INFORMATION	College of Public Health, Division of Biostatistics The Ohio State University 242 Cunz Hall 1841 Neil Avenue Columbus, OH 43210 USA	<i>Phone:</i> (614) 247-7912 <i>E-mail:</i> andridge.1@osu.edu
RESEARCH INTERESTS	Missing data: multiple imputation, nonignorable nonresponse, hot deck imputation; Survey sampling; Statistical issues surrounding group randomized trials; Collaborative research in behavioral medicine, psychology, and cancer	
EDUCATION	University of Michigan , Ann Arbor, MI USA Ph.D., Biostatistics, August 2009 <ul style="list-style-type: none">• Dissertation: <i>Statistical Methods for Missing Data in Complex Sample Surveys</i>• Advisor: Dr. Roderick J. A. Little M.S., Biostatistics, April 2005 Stanford University , Stanford, CA USA B.A., Economics (Minor: Psychology), April 1999	
POSITIONS	<i>Associate Professor</i> <i>Assistant Professor</i> Division of Biostatistics College of Public Health The Ohio State University	6/2016 – present 9/2009 – 6/2016
	<i>Instructor</i> Biostatistics Department University of Michigan	9/2007 – 8/2008
	<i>Graduate Student Research Assistant</i> Biostatistics Department University of Michigan	9/2005 – 8/2008
	<i>Graduate Student Research Assistant</i> Health Behavior and Health Education Department University of Michigan	9/2003 – 8/2008
AFFILIATIONS	The Ohio State University Decision Sciences Collaborative The Ohio State University Food Innovation Center The Ohio State University Institute for Population Research	2015 – present 2013 – present 2012 – present
HONORS AND AWARDS	The Ohio State University <ul style="list-style-type: none">• Ohio State University Institute for Teaching and Learning Endorsement: Mentoring Faculty, 2018• Poster Award winner, American Statistical Association Survey Research Methods Section, Joint Statistical Meetings, 2011• College of Public Health Excellence in Teaching Award, 2011	

University of Michigan

- Rackham Predoctoral Fellowship, 2008 – 2009
- Graduate School Travel Grant, 2008
- Travel Award, American Statistical Association Survey Research Methods Section, 2008
- NIH Predoctoral Cancer Research Training Grant, 2005 – 2008

COURSES TAUGHT **The Ohio State University**

- Biostatistics for Public Health Research (PUBHBIO 2210) (undergrad)
Spring 2013, Autumn 2013, Spring 2015
- Doctoral Seminar (PUBHBIO 8899) (grad)
Autumn 2013
- Design and Analysis of Studies in the Health Sciences I (PUBHBIO 701/6210) (grad)
Autumn 2010, Autumn 2011, Autumn 2012, Autumn 2014, Spring 2015, Autumn 2015, Spring 2016
- Design and Analysis of Studies in the Health Sciences II (PUBHBIO 702) (grad)
Winter 2010, Spring 2010, Winter 2011, Winter 2012, Spring 2017, Spring 2018
- Basic Biostatistics (PUBHLTH 670.03/7350.03) (CPH Summer Program/grad)
Summer 2011, Summer 2013

University of Michigan

- Computer Packages (BIOSTAT 511) (grad)
Fall 2007–Summer 2008

Short Courses/Continuing Education Courses

- (*upcoming*) Applications of Hot Deck Imputation Methods to Survey Data (with J Thompson)
April 25, 2019, Washington Statistical Society
- Applications of Hot Deck Imputation Methods to Survey Data (with J Thompson)
July 31, 2018, Joint Statistical Meetings

COURSE DEVELOPMENT

The Ohio State University

- Biostatistics for Public Health Research (PUBHBIO 2210)
Created an innovative undergraduate course for the new Public Health major that uses a “flipped” classroom design and incorporates a primary data collection project culminating in a final poster presentation and written paper (2013).
- Design and Analysis of Studies in the Health Sciences I – Online Section (PUBHBIO 6210)
Redesigned the traditional in-person course and converted to 100% online delivery mode (2014).
- Design and Analysis of Studies in the Health Sciences II – Online Section (PUBHBIO 6211)
Redesigned the traditional in-person course and converted to 100% online delivery mode (2017).

PUBLICATIONS, STATISTICAL METHODOLOGY

Published or In Press (13)

1. Xi W, Pennell M, **Andridge R**, Paskett E. Comparison of intent-to-treat analysis strategies for pre-post studies with loss to follow-up. *Contemporary Clinical Trials Communications*, 11; 20-29.
2. **Andridge RR**, Noone AM, Howlader N (2017). Imputing estrogen receptor (ER) status in a population-based cancer registry: A sensitivity analysis. *Statistics in Medicine*, 36; 1014-1028.
3. Kline D (*Ph.D. student*), **Andridge RR**, Kaizar E (2017). Comparing multiple imputation methods for systematically missing subject-level data. *Research Synthesis Methods*, 8; 136-148.
4. **Andridge RR** and Thompson JK (2015). Assessing nonresponse bias in a business survey: Proxy pattern-mixture analysis for skewed data. *Annals of Applied Statistics* 9; 2237-2265.

5. **Andridge RR** and Thompson JK (2015). Using the fraction of missing information to identify auxiliary variables for imputation procedures via proxy pattern-mixture models. *International Statistical Review*, 83; 472-492.
6. Sullivan D (*Ph.D. student*) and **Andridge RR** (*corresponding author*) (2015). A hot deck imputation procedure for multiply imputing nonignorable missing data: The proxy pattern-mixture hot deck. *Computational Statistics and Data Analysis* 82; 173-185.
7. **Andridge RR**, Shoben AB, Muller KE, Murray DM (2014). Analytic methods for individually randomized group treatment trials and group-randomized trials when subjects belong to multiple groups. *Statistics in Medicine* 33; 2178-2190.
8. **Andridge RR**, Little RJA (2012). New and Emerging Methods: Proxy Pattern-Mixture Analysis for Survey Nonresponse. *The Survey Statistician*, 64, July 2011, 21-26. (*Editor Reviewed*)
9. Rhoda DA, Murray DM, **Andridge RR**, Pennell ML, Hade EM (2011). Studies with staggered starts: Multiple baseline designs and group-randomized trials. *American Journal of Public Health* 101; 2164-2169 .
10. **Andridge RR**, Little RJA (2011). Proxy pattern-mixture analysis for survey nonresponse. *Journal of Official Statistics* 27; 153-180.
11. **Andridge RR** (2011). Quantifying the impact of fixed effects modeling of clusters in multiple imputation for cluster randomized trials. *Biometrical Journal* 53; 57-74.
12. **Andridge RR**, Little RJA (2010). A review of hot deck imputation for survey nonresponse. *International Statistical Review* 78; 40-64.
13. **Andridge RR**, Little RJA (2009). The use of sample weights in hot deck imputation. *Journal of Official Statistics* 25; 21-36.

Under Review or Revision (4)

14. Boonstra PS, Little RJA, West BT, **Andridge RR**, Alvarado-Leiton F. A simulation study of diagnostics for bias in non-probability samples. *International Statistical Review*, submitted (3/2019)
15. Bailey B *PhD student*, **Andridge R**, Shoben A. Multiple imputation by predictive mean matching in cluster-randomized trials. *BMC Medical Research Methodology*, submitted (12/2018).
16. **Andridge RR**, West B, Little RJA, Boonstra P, Alvarado-Leiton, F. Indices of non-ignorable selection bias for proportions estimated from non-probability samples. *Journal of the Royal Statistical Society – Series C*, submitted (12/2018).
17. **Andridge RR**, Little RJA. Proxy pattern-mixture analysis for a binary variable subject to nonresponse. *Journal of Official Statistics*, submitted (8/2018).

PUBLICATIONS,
STATISTICAL
EDUCATION

Published or In Press (1)

1. Schwartz TA, **Andridge RR**, Sainani KL, Stangl DK, Neely ML. (2016) Diverse perspectives on a flipped biostatistics classroom. *Journal of Statistics Education*, 24; 74-84.

PUBLICATIONS,
BIOMEDICAL
APPLICATIONS

Published or In Press (72)

1. Orchard TS, Gaudier-Diaz MM, Phuamongkolwivat-Chu P, **Andridge R**, Lustberg MB, Bomser J, Cole RM, Belury MB, DeVries AC. Low sucrose, omega-3 enriched diet has region-specific effects on neuroinflammation and synaptic function markers in a mouse model of doxorubicin-based chemotherapy. *Nutrients*, formally accepted (12/2018).
2. Asad S, Hebert C, **Andridge R**, Nguyen N, Gallo MF. Changes in the use of effective and long-acting reversible contraception in Vietnam. *Contraception*, formally accepted (11/2018).

3. Kiecolt-Glaser JK, Wilson S, Bailey M, **Andridge R**, Peng J, Jaremka L, Fagundes C, Malarkey W, Laskowski B, Belury M. Marital distress, depression, and a leaky gut: Translocation of bacterial endotoxin as a pathway to inflammation. *Psychoneuroendocrinology*, 98; 52-60.
4. Li L, Shults R, **Andridge RR**, Yellman MA, Xiang H, Zhu M. Texting/emailing while driving among high school students in 35 states, United States, 2015. *Journal of Adolescent Health*, in press (8/2018).
5. Arnold K, Weinholt KR, **Andridge RR**, Thompson KM, Orchard T. Improving diet quality is associated with decreased inflammation: findings from a pilot intervention in postmenopausal women with obesity. *Journal of the Academy of Nutrition and Dietetics*, in press (8/2018).
6. Wilson S, Bailey BE, Jaremka L, Fagundes C, **Andridge R**, Malarkey WB, Gates K, Kiecolt-Glaser JK. When couples' hearts beat together: Synchrony in heart rate variability during conflict predicts heightened inflammation throughout the day. *Psychoneuroendocrinology*, 93; 107-116.
7. Dotson JL, Kappelman MD, Bricker J, **Andridge R**, Chisolm DJ, Crandall WV. Multicenter evaluation of emergency department treatment for children and adolescents with Crohn's Disease according to race/ethnicity and insurance payor status. *Inflammatory Bowel Diseases*, in press (8/2018).
8. Prokup J, **Andridge R**, Havercamp S, Yang E. Healthcare disparities between Ohio children with developmental disabilities and typically developing children. *Child Indicators Research*, in press (8/2018) <https://doi.org/10.1007/s12187-018-9546-3>.
9. Howlader N, Cronin KA, Kurian AW, **Andridge R** (2018). Differences in breast cancer survival by molecular subtypes in the United States. *Cancer Epidemiology, Biomarkers & Prevention*, 72; 619-626.
10. Martens MA, Seyfer DL, **Andridge RR**, Coury DL (2017). Use and effectiveness of sleep medications by parent report in individuals with Williams Syndrome. *Journal of Developmental and Behavioral Pediatrics*, 38; 765-771.
11. Lustberg MB, Orchard TS, Reinbolt RE, **Andridge R**, Pan X, Belury M, Cole R, Logan A, Layman R, Ramaswamy B, Wesolowski R, Berger M, Alexander E, Loprinzi C, Shapiro C, Yee L (2018). Randomized placebo-controlled pilot trial of omega 3 fatty acids for prevention of aromatase inhibitor-induced musculoskeletal pain. *Breast Cancer Research and Treatment*, 167; 709-718.
12. Orchard T, **Andridge R**, Yee LD, Belury M, Cole RM, Lustberg M (2018). Diet quality, inflammation and quality of life in breast cancer survivors: A cross-sectional analysis of pilot study data. *Journal of the Academy of Nutrition and Dietetics*, 118; 578-588.
13. Hollway JA, Mendoza-Burcham M, **Andridge R**, Aman MG, Handen B, Arnold LE, Lecavalier L, Williams C, Silverman L, Smith T (2018). Atomoxetine, parent training and their effects on sleep in youth with Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. *Journal of Child and Adolescent Psychopharmacology*, 28; 130-135.
14. Mehling MH, Tasse MJ, **Andridge RR** (2017). Shakespeare and Autism: A Pilot Study Examining the Treatment Effects and Predictors of Treatment Response of the Hunter Heartbeat Method. *AUTISM-Open Access*, 7: 222.
15. Wilson SJ, **Andridge RR**, Peng J, Bailey BE, Malarkey WB, Kiecolt-Glaser JK (2017). Thoughts after marital conflict and punch biopsy wounds: Age-graded pathways to healing. *Psychoneuroendocrinology*, 85; 6-13.
16. Prokup J, **Andridge R**, Havercamp S, Yang E (2017). Healthcare disparities of Ohioans with developmental disabilities before, during, and after healthcare transition. *Annals of Family Medicine*, 15; 471-474.

17. Wilson SJ, Jaremka LM, Fagundes CP, **Andridge R**, Peng J, Malarkey WB, Habash D, Belury MA, Kiecolt-Glaser JK (2017). Shortened sleep fuels inflammatory responses to marital conflict: Emotion regulation matters. *Psychoneuroendocrinology*, 79; 74-83.
18. Wanamaker A, **Andridge RR**, Chaudhari A (2017). When to biomechanically examine a lower-limb amputee: A systematic review of accommodation times. *Prosthetics & Orthotics International*, 41(5); 431-445.
19. Alfano CM, Peng J, **Andridge RR**, Lindgren ME, Povoski SP, Lipari AM, Agnese DM, Farrar WB, Yee LD, Carson WE, Kiecolt-Glaser JK (2017) Inflammatory cytokines and comorbidity development in breast cancer survivors vs. non-cancer controls: Evidence for accelerated aging? *Journal of Clinical Oncology*, 35; 149-156.
20. Kiecolt-Glaser JK, Fagundes CP, **Andridge R**, Peng J, Malarkey WB, Belury MA (2017). Depression, daily stressors, and inflammatory responses to high-fat meals: When stress overrides healthier food choices. *Molecular Psychiatry*, 22; 476-482.
21. Anderson SE, **Andridge RR**, Whitaker RC (2016). Bedtime in preschool-aged children and risk for adolescent obesity. *The Journal of Pediatrics*, 176; 17-22.
22. Everhart JS, **Andridge RR**, Scharschmidt TJ, Mayerson JL, Glassman AH, Lemeshow S (2016). Development and validation of a preoperative surgical site infection risk score for primary or revision knee and hip arthroplasty. *Journal of Bone & Joint Surgery*, 98; 1522-1532.
23. Kirchner RM, Martens MA, **Andridge RR** (2016). Adaptive behavior and development of infants and toddlers with Williams Syndrome. *Frontiers in Psychology*, 7; 598.
24. Belury MA, Cole R, Bailey B, Ke J-Y, **Andridge RR**, Kiecolt-Glaser JK (2016). Erythrocyte linoleic acid, but not oleic acid, is associated with improvements in body composition in men and women. *Molecular Nutrition and Food Research*, 60; 1206-1212.
25. Jain S, **Andridge R**, Hellings JA (2016). Loxapine for reversal of antipsychotic-induced metabolic disturbances: A chart review. *Journal of Autism and Developmental Disorders*, 46; 1344-1353.
26. Collins CL, Ferketich A, **Andridge RR**, Xiang H, Comstock RD (2016). Concussion Characteristics in High School Football by Helmet Age/Recondition Status, Manufacturer, and Model: 2008-2009 Through 2012-2013 Academic Years in the United States. *American Journal of Sports Medicine*, 44; 1382-1390.
27. Collins CL, Ferketich A, **Andridge RR**, Xiang H, Comstock RD (2016). Dental injuries sustained by high school athletes in the United States, 2008/09 through 2012/13 academic years. *Dental Traumatology*, 32; 121-127.
28. Jaremka LM, Belury MA, **Andridge RR**, Lindgren ME, Habash D, Malarkey WB, Kiecolt-Glaser JK (2016). Novel links between troubled marriages and appetite regulation: Marital distress, ghrelin, and diet quality. *Clinical Psychological Science*, 4; 363-375.
29. Newman S, Tumin R, **Andridge R**, Anderson SE (2015). Family meal frequency and association with household food availability in United States multi-person households: National Health and Nutrition Examination Survey 2007-2010. *PLOS One* 10(12): e0144330.
30. Anderson SE, McNamara K, **Andridge R**, Keim S (2015). Executive function and mealtime behavior among preschool-aged children born very preterm. *Eating Behaviors*, 19; 110-114.
31. Anderson SE, Kaye G, **Andridge R**, Smathers C, Peng J, Pirie P (2015). Interrelationships of more healthful and less healthful aspects of diet quality in a low-income community sample of preschool-aged children. *Maternal and Child Health Journal*, 19(12); 2663-2672.
32. Straka S, Lester JL, Cole RM, **Andridge RR**, Puchala S, Rose AM, Clinton SK, Belury M, Yee, LD (2015). Incorporation of eicosapentaenoic and docosahexaenoic acids into breast adipose tissue of women at high risk of breast cancer: a randomized clinical trial of dietary fish and n-3 fatty acid capsules. *Molecular Nutrition & Food Research*, 59; 1780-1790.

33. Jaremka LM, Fagundes CP, Peng J, Belury MA, **Andridge RR**, Malarkey WB, Kiecolt-Glaser JK (2015). Loneliness predicts postprandial ghrelin and hunger in women. *Hormones and Behavior*, 70; 57-63.
34. Ke J-Y, Kliewer KL, Hamad EM, Cole RM, Powell KA, **Andridge RR**, Straka SR, Yee LD, Belury MA. (2015) The flavonoid, naringenin, decreases adipose tissue mass and attenuates ovariectomy-associated metabolic disturbances in mice. *Nutrition & Metabolism* 12:1 (13 January 2015).
35. Rea C, Bisesi MS, Mitsch W, **Andridge R**, Lee J (2015). Human health-related ecosystem services of avian-dense coastal wetlands adjacent to a Western Lake Erie swimming beach. *EcoHealth* 12; 77-87.
36. Kiecolt-Glaser JK, Jaremka L, **Andridge R**, Peng J, Habash D, Fagundes CP, Glaser R, Malarkey WB, Belury MA (2015). Marital discord, past depression, and metabolic responses to high-fat meals: Interpersonal pathways to obesity. *Psychoneuroendocrinology* 52; 239-250.
37. Hellings JA, Reed G, Cain SE, Zhou X, Barth FX, Aman MG, Palaguachi GI, Mikhnev D, Teng R, **Andridge R**, Logan M, Butler MG, Han JC (2015). Loxapine add-on for adolescents and adults with autism spectrum disorders and irritability. *Journal of Child and Adolescent Psychopharmacology* 25; 150-159.
38. Kiecolt-Glaser JK, Habash DL, Fagundes CL, **Andridge R**, Peng J, Malarkey WB, Glaser R, Belury MA (2015). Daily stressors, past depression, and metabolic responses to high-fat meals: A novel path to obesity. *Biological Psychiatry* 77; 653-660.
 - Kiecolt-Glaser JK, **Andridge RR**, Belury MA (2015). Stress, Depression, and Metabolism: Replies to Bohan Brown et al. and Barton and Yancey. *Biological Psychiatry* 78; e13-14.
39. Kliewer KL, Ke J-Y, Tian M, Cole RM, **Andridge RR**, Belury MA (2015). Adipose tissue lipolysis and energy metabolism in early cancer cachexia in mice. *Cancer Biology and Therapy* 16; 886-897.
40. Derry HM, Jaremka LM, Bennett JM, Peng J, **Andridge R**, Shapiro C, Malarkey WB, Emery CF, Layman R, Mrozek E, Glaser R, Kiecolt-Glaser JK (2015). Yoga and self-reported cognitive problems in breast cancer survivors: A randomized controlled trial. *Psycho-oncology* 24; 958-966.
41. Jaremka LM, Derry H, Bornstein R, Prakash R, Peng J, Belury MA, **Andridge RR**, Malarkey WB, Kiecolt-Glaser JK. (2014) Omega-3 supplementation and loneliness-related memory problems: Secondary analyses of a randomized controlled trial. *Psychosomatic Medicine* 76; 650-658.
42. Jaremka LM, Belury MA, **Andridge RR**, Malarkey WB, Glaser R, Christian L, Emery CF, Kiecolt-Glaser JK (2014). Interpersonal stressors predict ghrelin and leptin levels in women. *Psychoneuroendocrinology* 48; 178-88.
43. Jaremka LM, Peng J, Bornstein R, Alfano CM, **Andridge RR**, Povoski SP, Lipari AM, Agnese DM, Farrar WB, Yee LD, Carson WE, Kiecolt-Glaser JK (2014). Cognitive problems among breast cancer survivors: Loneliness enhances risk. *Psycho-oncology* 23; 1356-1364.
44. Collins CL, Yeates KO, Pommering TL, **Andridge R**, Coronado VG, Gilchrist J, Comstock RD (2014). Direct medical charges of pediatric traumatic brain injury in multiple clinical settings. *Injury Epidemiology* 1:13 (6 May 2014).
45. Dungan K, Gavrilina T (*MPH advisee*), **Andridge R**, Hall C, Lorenz A, Schuster D (2014). Long-term safety and efficacy of a universal nursing-run intravenous insulin guideline in non-critically ill patients. *The Joint Commission Journal on Quality and Patient Safety* 40; 119.
46. Kiecolt-Glaser JK, Bennett JM, **Andridge R**, Peng J, Shapiro CL, Malarkey WB, Emery CF, Layman R, Mrozek EE, Glaser R (2014). Yoga's impact on inflammation, mood, and fatigue in breast cancer survivors: A randomized controlled trial. *Journal of Clinical Oncology* 32; 1040-1049.

47. Jaremka LM, **Andridge RR**, Fagundes CP, Alfano CM, Povoski SP, Lipari AM, Agnese DM, Arnold MW, Farrar WB, Yee LD, Carson III, WE, Bekaii-Saab T, Martin EW, Schmidt CR, Kiecolt-Glaser JK (2014). Pain, depression, and fatigue: Loneliness as a longitudinal risk factor. *Health Psychology*, 33; 948-957.
48. Clark BR, Burkett SA, **Andridge RR**, Buckley TJ (2013). Evidence of high rates of undiagnosed asthma in Central Ohio elementary school children. *Journal of School Health* 83; 869-906.
49. Derry HM, Fagundes CP, **Andridge R**, Glaser R, Malarkey WB, Kiecolt-Glaser JK (2013). Lower subjective social status exaggerates Interleukin-6 responses to a laboratory stressor. *Psychoneuroendocrinology* 38; 2676-2685.
50. Martens MA, Seyfer DL, **Andridge RR**, Foster JE, McClure KE, Coury DL (2013). Caregiver survey of pharmacotherapy to treat Attention Deficit/Hyperactivity Disorder in individuals with Williams syndrome. *Research in Developmental Disabilities* 34; 1700-1709.
51. Hoffmann A, Martens MA, Fox R, Rabidoux P, **Andridge RR** (2013). Pragmatic language assessment in Williams syndrome: A comparison of the Test of Pragmatic Language-2 and the Childrens Communication Checklist-2. *American Journal of Speech-Language Pathology* 22; 198-204.
52. Dotson JL, Nwomeh B, **Andridge R**, Anderson SE, Crandall WV (2013). Variation in management of intra-abdominal abscesses in children with Crohn's Disease. *Inflammatory Bowel Diseases* 19; 818-25.
53. Kiecolt-Glaser JK, Epel ES, Belury MA, **Andridge R**, Lin J, Glaser R, Malarkey WB, Hwang B, Blackburn EH (2013). Omega-3 fatty acids, oxidative stress, and leukocyte telomere length: A randomized controlled trial. *Brain, Behavior, and Immunity* 28; 16-24.
54. Bennett JM, Glaser R, **Andridge RR**, Peng J, Malarkey WB, Kiecolt-Glaser JK (2013). Long lasting effects of smoking: Breast cancer survivors' inflammatory responses to acute stress differ by smoking history. *Psychoneuroendocrinology*, 38; 179-187.
55. Martens MA, Seyfer DL, **Andridge RR**, Foster JEA, Chowdhury M, McClure KE, Coury DL (2012). Parent report of antidepressant, anxiolytic, and antipsychotic medication use in individuals with Williams syndrome: Effectiveness and adverse effects. *Research in Developmental Disabilities* 33; 2106-2121.
56. Rucklidge J, **Andridge R**, Gorman B, Blampied N, Gordon H, Boggis A (2012). Shaken but unstirred? Effects of micronutrients on stress and trauma after an earthquake: RCT evidence comparing formulas and doses. *Human Psychopharmacology: Clinical and Experimental* 27; 440-454.
57. Kiecolt-Glaser JK, Belury MA, **Andridge R**, Malarkey WB, Hwang B, Glaser R (2012). Omega-3 supplementation lowers inflammation in healthy middle-aged and older adults: A randomized controlled trial. *Brain, Behavior, and Immunity* 26; 988-995.
58. Kiecolt-Glaser JK, Christian L, **Andridge R**, Hwang B, Malarkey WB, Belury MA, Emery CF, Glaser R (2012). Adiponectin, leptin, and yoga practice. *Physiology and Behavior* 107; 809-813.
59. Martens MA, Hasinski AE, **Andridge RR**, Cunningham WA (2012). Continuous cognitive dynamics of the evaluation of trustworthiness in Williams syndrome. *Frontiers in Psychology*, 3; 160.
60. Fagundes CP, Glaser R, Johnson SL, **Andridge RR**, Yang EV, Di Gregorio MP, Chen M, Lambert DR, Jewell SD, Bechtel MA, Hearne DW, Herron JB, Kiecolt-Glaser JK (2012). Basal cell carcinoma: Stressful life events and the tumor environment. *Archives of General Psychiatry* 69(6); 618-626.

61. Glaser R, **Andridge R**, Yang EV, Arwa SY, DiGregorio M, Chen M, Johnson SL, DeRenne L, Lambert DR, Jewell SD, Bechtell MA, Hearne DW, Herron JB, Kiecolt-Glaser JK (2011). Tumor site immune markers associated with risk for subsequent basal cell carcinomas. *PLoS ONE* 6(9): e25160. (doi:10.1371/journal.pone.0025160)
62. Kiecolt-Glaser JK, Belury MA, **Andridge R**, Malarkey WB, Glaser R (2011). Omega-3 supplementation lowers inflammation and anxiety in medical students: A randomized controlled trial. *Brain, Behavior, and Immunity*, 25; 1725-1734.
63. Clark NM, Dodge JA, Thomas LJ, **Andridge RR**, Awad D, Paton JY (2010). Asthma in 10- to 13-year olds: Challenges at a time of transition. *Clinical Pediatrics* 49; 931-937.
64. Clark NM, Dodge JA, Shah S, Thomas LJ, **Andridge RR**, Awad D (2010). A current picture of asthma diagnosis, severity, control in a low income minority preteen population. *Journal of Asthma* 47; 150-155.
65. Clark NM, Shah S, Dodge JA, Thomas LJ, **Andridge RR**, Little RJA (2010). An evaluation of asthma interventions for preteen students. *Journal of School Health* 80; 80-87.
66. Taylor JMG, Ankerst DP, **Andridge RR** (2008). Validation of biomarker-based risk prediction models. *Clinical Cancer Research* 14; 5977-5983.
67. Soto DE, **Andridge RR**, Pan CC, Williams SG, Taylor JMG, Sandler HM (2009). Determining if pretreatment PSA doubling time predicts PSA trajectories after radiation therapy for localized prostate cancer. *Radiotherapy and Oncology* 90; 389-394.
68. Soto DE, **Andridge RR**, Taylor JMG, McLaughlin PW, Sandler HM, Pan CC (2008). Predicting biochemical failure and overall survival through intra-therapy PSA changes during definitive external beam radiation. *International Journal of Radiation Oncology, Biology, Physics* 72; 1408-1415.
69. Soto DE, **Andridge RR**, Pan CC, Williams SG, Taylor JMG, Sandler HM (2008). In patients experiencing biochemical failure after radiation therapy, pretreatment risk group and PSA velocity predict differences in overall survival and biochemical failure-free interval. *International Journal of Radiation Oncology, Biology, Physics* 71; 1295-1301.
70. Soto DE, Glaser S, **Roberts RH**, Schipper MJ, McLaughlin PW, Ray ME, Sandler HM, Pan CC (2008). Impact of common iliac nodal treatment on radiation outcomes in localized prostate cancer. *Urology* 71; 313-317.
71. Lee IH, **Roberts R**, Shah RB, Wojno KJ, Wei JT, Sandler HM (2007). Perineural invasion is a marker for pathologically advanced disease in localized prostate cancer. *International Journal of Radiation Oncology, Biology, Physics* 68; 1059-1064.
72. Profit J, McCormick MC, Escobar GJ, Richardson DK, Zheng Z, Coleman-Phox K, **Roberts R**, Zupancic JAF (2007). Neonatal intensive care unit census influences discharge of moderately preterm infants. *Pediatrics* 119; 314-319.

Under Review or Revision (6)

73. Burd C, Bailey B, Peng J, Laskowski B, **Andridge RR**, Fadda P, Zhang S, Hollyfield JL, Sucheston-Campbell L, Kiecolt-Glaser J. Comparative analysis of aging biomarkers (p16INK4a, epigenetic clock, serum IL-6) in a healthy human cohort. *Journal of Gerontology: Biological Sciences*, submitted (3/2019).
74. Johnson KM, Weinhold KR, Arnold K, **Andridge RR**, Phuwamongkolwivat-Chu P, Orchard TS. Erythrocyte omega-3 polyunsaturated fatty acids are not associated with inflammation in post-menopausal women with obesity completing a pilot dietary intervention. *The Journal of Nutrition, Health & Aging*, submitted (3/2019)
75. Banh TH, Puchala SE, Cole RM, **Andridge RR**, Kiecolt-Glaser JK, Belury MA. Adiponectin is positively associated with lean mass in postmenopausal women without type 2 diabetes. *Menopause*, submitted (3/2019).

76. Burd CE, Bailey BE, Laskowski B, **Andridge RR**, Fadda P, Zhang S, Yu L, Hollyfield JL, Sucheston-Campbell LE, Kiecolt-Glaser J. Comparative analysis of aging biomarkers (p16INK4a, epigenetic clock, serum IL-6) in a healthy human cohort. *Aging Cell*, submitted (10/2018).
77. Whitmoyer P, Fountain-Zaragoza S, **Andridge RR**, Bredemeier K, Londeree A, Zablodovsky L, Prakash R. Mindfulness training and attentional control in older adults: Results of a single-blind, placebo-controlled randomized controlled trial. *Mindfulness*, revision requested (1/2019).
78. Hollway JA, **Andridge R**, Kamara D, Benninger T, Butter E, Witwer A. Age of diagnosis for participants of the autism treatment network: Socioeconomic predictors and the moderating effects of childhood characteristics. *Journal of Autism and Developmental Disorders*, revision submitted (8/2018).

OTHER
PUBLICATIONS

Book Chapters (1)

1. **Andridge RR** and Lemeshow S (2016). Nonresponse in Sample Surveys. In *Encyclopedia of Statistical Sciences*, Wiley StatsRef: Statistics Reference Online. 1-4.

Policy Briefs (4)

1. Yang EA, Havercamp SM, **Andridge R** (2016). Ohio Children with Special Health Care Needs: 2015 OMAS Health and Health Care Findings. <http://grc.osu.edu/sites/default/files/inline-files/ChildrenSHCNBriefFINAL.pdf>
2. Yang EA, Havercamp SM, **Andridge R** (2016). Ohio Children with Developmental Disabilities and Special Health Care Needs: 2015 OMAS Health and Health Care Findings. http://grc.osu.edu/sites/default/files/inline-files/ChildrenDDBriefFINAL_1.pdf
3. Yang EA, Havercamp SM, **Andridge R** (2016). Ohio Adults with Special Health Care Needs: 2015 OMAS Health and Health Care Findings. <http://grc.osu.edu/sites/default/files/inline-files/AdultSHCNBriefFINAL.pdf>
4. Yang EA, Havercamp SM, **Andridge R** (2016). Ohio Adults with Developmental Disabilities and Special Health Care Needs: 2015 OMAS Health and Health Care Findings. Found at: <http://grc.osu.edu/sites/default/files/inline-files/AdultDDBriefFINAL.pdf>

Conference Proceedings (4)

1. **Andridge RR**, Little RJA (2011). Proxy Pattern-Mixture Analysis for Survey Nonresponse. In *Proceedings of Statistics Canada Symposium*, pp.3261-3268.
2. **Andridge RR**, Noone AM (2009). Regression Trees for Group-Randomized Trials. In *American Statistical Association Proceedings of the Section on Statistical Learning and Data Mining*, pp.4162-4170.
3. **Andridge RR**, Little RJA (2009). Extensions of Proxy Pattern-Mixture Analysis for Survey Nonresponse. In *American Statistical Association Proceedings of the Survey Research Methods Section*, pp.2468-2482.
4. **Andridge RR**, Little RJA (2008). Proxy Pattern-Mixture Analysis for Survey Nonresponse. In *American Statistical Association Proceedings of the Survey Research Methods Section*, pp.3261-3268.

PRESENTATIONS

Invited – National/International

- (*upcoming*) *Finding a flexible hot deck imputation method for multinomial data*, Joint Statistical Meetings, Denver CO, August 2019
- *Hot Deck Imputation: Proper or Improper?*, Joint Statistical Meetings, Baltimore, MD, August 2017

- *Introductory Overview Lecture: Multiple Imputation (applied to establishment/business data)*, Fifth International Conference on Establishment Surveys (ICES V), Geneva, Switzerland, June 2016
- *Imputing data that may be not missing at random in a population-based cancer registry (SEER)*, Applied Statistics Symposium of the International Chinese Statistical Association, Atlanta, GA, June 2016
- *Imputing estrogen receptor status in a population-based cancer registry*, Advances in Causal Inference, Survey Statistics, Disclosure Risk, and Missing Data: A Celebration of Roderick Little's 65th Birthday, Ann Arbor, MI, October 2015
- *Extensions of the proxy pattern-mixture model for survey nonresponse*, CRM-CANSSI Workshop on Statistical Inference for Complex Surveys with Missing Observations, Montreal, Quebec, October 2015
- *Using the fraction of missing information to identify auxiliary variables for imputation procedures via proxy pattern-mixture models*, University of Minnesota Biostatistics Seminar, Minneapolis, MN, March 2015
- *Flipping the biostatistics classroom*, Joint Statistical Meetings, Boston, MA, August 2014
- *Multiple imputation for nonignorable missingness: Evaluating alternative nonresponse bias adjustment cells*, Joint Statistical Meetings, Montreal, Quebec, August 2013
- *Proxy pattern-mixture analysis for survey nonresponse*, Summer at the Census, U.S. Census Bureau, Suitland, MD, July 2012
- *Proxy pattern-mixture analysis for survey nonresponse*, 21st Applied Statistics Symposium of the International Chinese Statistical Association, Boston, MA, June 2012
- *Proxy pattern-mixture analysis for survey nonresponse*, Institute for Employment Research (IAB), Nürnberg, Germany, September 2010
- *Proxy pattern-mixture analysis for survey nonresponse*, 21st International Workshop on Survey Household Nonresponse, Nürnberg, Germany, August 2010

Invited – Local

- *An experiment to determine the optimal combination of pre- and post-incentive amounts to significantly increase response rates in a multi-mode survey*, Survey Research Center PRS Seminar Series, University of Michigan, Ann Arbor, MI, March 2019
- *Much ado about nothing: The problem of missing data (and ways to handle it)*, Topics in Developmental Disabilities Seminar Series, OSU Nisonger Center, Columbus, OH, January 2019
- *Lessons learned from lecture capture*, OSU Veterinary Clinical Sciences Faculty Development Seminar, Columbus, OH, February 2013
- *Proxy pattern-mixture analysis for survey nonresponse*, Initiative in Population Research, The Ohio State University, Columbus, OH, January 2011
- *Proxy pattern-mixture analysis for survey nonresponse*, Ohio State University Department of Statistics Seminar Series, Columbus, OH, October 2009
- *Proxy pattern-mixture analysis for survey nonresponse*, Michigan Student Symposium for Interdisciplinary Statistical Sciences, Ann Arbor, MI, April 2009
- *An introduction to LaTeX*, UM Department of Biostatistics, Ann Arbor, MI, March 2007, March 2008, October 2008

Invited – Webinars

- *Use of imputation techniques for modeling missing data in population-based cancer registries* (with N Howlader and B Das), Cancer Surveillance Webinar Series (NAACCR), May 2016

Contributed

- *(upcoming) Measures of selection bias for proportions estimated from non-probability samples*, American Association for Public Opinion Research (AAPOR) Annual Conference, Toronto, On-

tario, May 2019 (Peer-reviewed)

- *Active learning approaches for a large online biostatistics course*, Joint Statistical Meetings, Vancouver, British Columbia, July 2018 (Topic Contributed)
- *Online introductory biostatistics for graduate students: Successes and failures teaching a diverse student body*, Joint Statistical Meetings, Chicago, IL, August 2016 (Topic Contributed)
- *Active learning in a flipped biostatistics classroom*, Undergraduate Education for Public Health Summit, New Orleans, LA, November 2014
- *Using the fraction of missing information to tailor survey design*, Joint Statistical Meetings, San Diego, CA, August 2012 (Topic Contributed)
- *Inference for changes in the kappa statistic in multi-level clustered binary data*, Joint Statistical Meetings, Vancouver, British Columbia, August 2010 (Topic Contributed)
- *Extensions of proxy pattern-mixture analysis for survey nonresponse*, Joint Statistical Meetings, Washington D.C., August 2009 (Topic Contributed)
- *Proxy pattern-mixture analysis for survey nonresponse*, ENAR Spring Meeting, San Antonio, TX, March 2009
- *Proxy pattern-mixture analysis for survey nonresponse*, Joint Statistical Meetings, Denver, CO, August 2008

Contributed Poster Presentations

- *Imputing estrogen receptor status in a population-based cancer registry: A sensitivity analysis*, (with AM Noone), Joint Statistical Meetings, Seattle, WA, August 2015
- *Hosmer-Lemeshow goodness of fit test for multiply imputed data*, (with DM Sullivan, *Ph.D. advisee*), ENAR Spring Meeting, Washington D.C., March 2012
- *Decomposing the fraction of missing information into auxiliary variable contributions for monitoring survey data*, Joint Statistical Meetings, Miami, FL, August 2011, *Poster award winner*
- *Multiple imputation in group randomized trials: The impact of misspecifying clustering in the imputation model*, ENAR Spring Meeting, New Orleans, LA, March 2010
- *Multiple imputation in group randomized trials: The impact of misspecifying clustering in the imputation model*, University of Michigan Biostatistics 50/60 Anniversary Conference, Ann Arbor, MI, November 2009
- *Regression trees for group-randomized trials*, (with AM Noone), Joint Statistical Meetings, Washington D.C., August 2009
- *The use of sample weights in hot deck imputation*, ENAR Spring Meeting, Crystal City, VA, March 2008

Selected Presentations as Co-Author

- *A “hybrid flipped” introduction to biostatistics to promote research-like experiences* (Sturdivant and Andridge), Joint Mathematics Meetings, Seattle, WA, January 2016 (oral).
- *Comparing multiple imputation methods for systematically missing subject-level data* (Kline, Kaizar, and Andridge), ENAR Spring Meeting, Miami, FL, March 2015 (oral)
- *Comparing the statistical power of analysis of covariance after multiple imputation and the mixed model in testing the treatment effect for pre-post studies with loss to follow-up* (Xi et al.), ENAR Spring Meeting, Miami, FL, March 2015 (poster)
- *Multiple imputation for missing data in longitudinal research synthesis: Identifying and overcoming assumptions in software* (Andridge, Kaizar, and Kline), Conference on Statistical Practice, New Orleans, LA, February 2015 (poster) ***Runner-up in poster competition*
- *Using the fraction of missing information (FMI) to identify auxiliary variables for imputation procedures via proxy pattern-mixture models* (Thompson and Andridge), Joint Statistical Meetings, Boston, MA, August 2014 (oral)
- *Comparing multiple imputation methods for correlated data* (Kline, Kaizar, and Andridge), Joint Statistical Meetings, Boston, MA, August 2014 (oral)

- *Hot deck imputation of nonignorable missing data with sensitivity analysis* (Sullivan and Andridge), Joint Statistical Meetings, Montreal, Quebec, August 2013 (poster)

Guest Lectures

- *Biostatistics: Describing Data*, Med 1 (First Year Medical School), The Ohio State University, September 2012
- *Design and Analysis of Group Randomized Trials*, Principles of Epidemiology (PUBHEPI 710), The Ohio State University, June 2010
- *Proxy Pattern-Mixture Analysis for Survey Nonresponse*, Applied Bayesian Inference (BIOSTAT 682), University of Michigan, April 2009

GRANTS

Current

- NIH R01 HD091274-01A1 (PI: Gallo) 09/2018-8/2023
Initiation of injectable contraception immediately postpartum among breastfeeding women
Co-Investigator (5-10% support across years 1-5)
- NIH R01AG057032 (PI: Kiecolt-Glaser) 10/2017-05/2022
Marital quality and longevity: Biobehavioral pathways
Co-Investigator (5-10% support across years 1-5)
- NIH R01AG054427 (PI: Prakash) 07/2017-06/2022
Mindfulness training for mitigating age-related cognitive decline in the elderly
Co-Investigator (0-1 summer months across years 1-5)
- NIH R01CA216290 (PI: Pyter) 04/2017-03/2022
Brain-gut interactions underlying chemotherapy-induced behavioral comorbidities
Co-Investigator (0-10% support across years 1-5)
- The Lotte & John Hecht Memorial Foundation (PI: Volek) 04/2017-04/2020
Ketogenic diet and chemotherapy to affect response to breast cancer treatment
Co-Investigator (0-6% support across years 1-3)
- NIH R01DK108969 (PI: Anderson) 02/2017-01/2021
Parent-child mealtime interactions: longitudinal observations to inform obesity prevention
Co-Investigator (5-10% support across years 1-5)
- ODM201649 (PI: Sahr) 07/2016-06/2018
Ohio Pregnancy Assessment Survey
Lead Methodologist (15% support)
- NIH R01HD084637 (PI: Gallo) 06/2016-03/2017
Promoting condom use among women in established relationships
Co-Investigator (5-10% support across years 1-5)
- NIH R01CA189947 (PI: Orchard/Lustberg/DeVries) 07/2015-06/2019
Effect of omega 3 fatty acid supplementation and added sugars in the diet on chemotherapy-induced cognitive deficits
Co-Investigator (5% support)
- NIH R01CA186251 (PI: Kiecolt-Glaser) 04/2015-06/2020
Aerobic Capacity, Depression, & Inflammatory Responsivity in Cancer Survivors
Co-Investigator (10% support)
- NIH/NCI R01CA186720 (PI: Kiecolt-Glaser) 05/2014-04/2019
Breast Cancer Survivors' Cardiovascular Risks: Treatment & Behavioral Influences
Co-Investigator (9% support)
- NIH/NCI P30CA016058 (PI: Polluck) 12/2015-11/2020
OSU Comprehensive Cancer Center Biostatistics Shared Resource
Biostatistician (5% support)
- OSU Internal Grant – Nisonger Center 10/2010-present
Investigator (15% support)

Pending

- National Multiple Sclerosis Society Grant (PI: Prakash) Submitted 02/2019
Impact of mindfulness training on MS-related decline in emotional and cognitive health
Co-Investigator (1 summer month)

Completed

- National Cancer Institute (SEER) Research Contract (PI: Andridge) 11/2016-04/2018
Development of Imputation Strategies for Improving Data Completeness in
Population-Based Cancer Registries
Principal Investigator (21% support)
- Gateway for Cancer Research (PI: Reinbolt) 10/2015-09/2017
Project 1: Seed Funds for Prevention of aromatase inhibitor-induced toxicity with Omega-3
supplementation
Co-Investigator (3% support)
- NIH/NCI R21CA185140 (PI: Belury) 05/2014-04/2016
PDQ6: Loss of adiponectin as a contributing factor in cancer cachexia
Co-Investigator (4% support; 1.5 months GRA support)
- NIH R21CA185140 S1 (PI: Belury) 01/2015-12/2015
Naringenin and sarcopenia
Co-Investigator (3% support; 1.8 months GRA support)
- OSUCCC CAFFRE Grant (PI: Belury) 11/2014-11/2015
27-hydroxy-cholesterol accumulation in breast cancer survivors
Co-Investigator (supplies only)
- NIH/NIOSH R21 (PI: Wilkins) 07/2012-06/2015
Evaluation of Bisphenol A dermal exposure and toxicokinetics among cashiers
Co-Investigator (10% support)
- NIH/NCI R01 CA131029 (PI: Kiecolt-Glaser) 05/2008-02/2015
Fatigue, depression, and inflammation in cancer survivors: A prospective study
Co-Investigator (10% support)
- OSU Food Innovation Center Innovation Initiative (PI: Vodovotz) 08/2013-09/2014
Evaluation of functional snack foods containing soy and safflower oil
on endpoints of energy metabolism in adolescents
Co-Investigator (1 month GRA support)
- CDC Prevention Research Center (PI: Pirie) 10/2013-09/2014
Healthy Kids, Healthy Futures: Obesity prevention in early childhood
Co-Investigator (10%)
- NIH/NCI R01 CA126857 (PI: Kiecolt-Glaser) 05/2010-04/2014
Breast Cancer Survivors: Physical Activity, Inflammation, Fatigue, and Distress
Co-Investigator (5% support)
- NIH/NCI R21 CA158868 (PI: Kiecolt-Glaser) 04/2011-03/2014
Marital discord, fast food, obesity, and inflammation
Co-Investigator (5% support)
- NIH/NIA R01 AG038621 (PI: Kiecolt-Glaser) 04/2011-03/2014
Stress, mood, omega-3 fatty acids, & telomeric aging: Randomized controlled trial
Co-Investigator (10% support)
- OARDC Multi-disciplinary Grant Program (PI: Belury) 04/2011-03/2013
Ohio Agriculture Research and Development Center (OARDC)
Pilot study: Reducing visceral adipose tissue in postmenopausal women w/dietary oils
Co-Investigator (1 quarter GRA support)
- NIH/NCI R21 CA154054 (PI Kiecolt-Glaser) 09/2010-08/2012
Fast food, depression, obesity, and inflammation in breast cancer survivors
Co-Investigator (5% support)

- Subcontract from Nationwide Children’s Hospital
TBI sports, evaluation, and surveillance project
Principal Investigator (5% support) 01/2012-06/2012
- CDC/NIOSH R01 OH009194 (PI: Wilkins) 09/2007-08/2011
Developing and evaluating new approaches to youth agricultural injury prevention
Co-Investigator (10% support)
- NIH/NIA R01 AG029562 (PI: Kiecolt-Glaser) 06/2007-05/2011
Aging, stress, fatty acids and inflammation
Co-Investigator (5% support)

Completed – Student Support or Supplies Only

- OSU InFACT 2016-2017 Linkage and Leverage Grant (PI: Taylor) 08/2017-05/2018
The Association of the Food Environment to Dietary Intakes
Co-Investigator (supports 0.5 FTE Epidemiology Ph.D. student)
- National Cattlemen’s Beef Association Research Grant (PI: Belury) 08/2017-07/2018
Beef intake and muscle strength, cardiometabolic health and fatigue in women with breast cancer
Co-Investigator (supports 0.5 FTE Biostatistics Ph.D. student)
- NIH R01CA186720 S1 (PI: Kiecolt-Glaser) 05/2015-08/2018
Research Supplement to Promote Diversity in Health-Related Research
Tuition, stipend, and supplies for Brittney Bailey, Biostatistics Ph.D. student
Co-mentor (supports 0.5 FTE Biostatistics Ph.D. student)
- OARDC Multi-disciplinary Grant Program (PI: Belury) 05/2017-04/2018
Does linoleic acid status prevent muscle loss after chemotherapy in breast cancer survivors?
Co-Investigator (supplies only)

CONSULTING

Completed

- NIH/NHLBI R01 (PI: Robbins, Michigan State University) 07/2013 – 6/2015
Girls on the Move Intervention
Consultant providing specialized advice pertaining to the Robbins R01 school-level group-randomized trial and the appropriate analytic methods.
- NIH/NHLBI U01 (PI: Stevens, University of North Carolina) 07/2011-08/2011
COPTR: The Childhood Obesity Prevention and Treatment Research Program
Consultant providing specialized advice pertaining to imputation methods to be used in the four obesity treatment multi-level randomized trials.

ACADEMIC
SERVICE

The Ohio State University Committees and Service

- Member, Council on Academic Affairs, 2017 – present
- Member, Search Advisory Committee for Vice Provost for Graduate Studies and Dean of the Graduate School, 2017
- Faculty Mentor, Institute for Teaching and Learning, 2016 – present
- Member, Learning Management System Advisory Committee, Office of the Chief Information Officer, 2015 – 2017
- Member, Faculty Advisory Council, President and Provost’s Teaching and Learning Initiative, 2015 – 2016
- Judge, Denman Undergraduate Research Day, 2016, 2017
- Member, Learning Management System Evaluation Committee, Office of the Chief Information Officer, 2015

College of Public Health Committees and Service

- Chair, Undergraduate Studies Committee, 2018 – present
- Co-Director, Public Health Honors Program, 2016 – 2018

- Member, Undergraduate Studies Committee, 2012 – 2014, 2016 – present
- Member, BSPH Honors Committee, 2016 – present
- Member, Clinical Biostatistics Faculty Search Committee, 2015 – 2016
- Member, Summer Program Planning Committee, 2013 – 2014
- Member, Champions of Public Health Selection Committee, 2012, 2015
- Member, Quarter-to-Semester Conversion Committee, 2009 – 2011

Division of Biostatistics Committees

- Chair, MPH/MS Biostatistics Admissions Committee, 2009 – 2011, 2014 – 2016
- Member, PhD Program in Biostatistics Curriculum Committee, 2011 – 2015
- Vice-Chair, PhD Program in Biostatistics Graduate Studies Committee, 2011 – 2014
- Member, PhD Program in Biostatistics Admissions Committee, 2011 – 2014
- Member, Division of Biostatistics Faculty Search Committee, 2011 – 2013

University of Michigan Department of Biostatistics Service

- Founding Committee Member, Michigan Student Symposium for Interdisciplinary Statistical Sciences, 2006 – 2008
- Tutor, On Job/On Campus Clinical Research Design & Statistical Analysis Program, 2005 – 2007
- Member, Student Affairs/Alumni Relations Committee, Department of Biostatistics, 2004 – 2006
- Member, Curriculum Committee, Department of Biostatistics, 2004 – 2006
- Grader, Applied Statistics I (BIOSTAT 650), Department of Biostatistics, 2004

PROFESSIONAL SERVICE

Editorial Positions

- Associate Editor, *Journal of Survey Statistics and Methodology*, 2016 – present
- Associate Editor, *Journal of Official Statistics*, 2012 – present

Committee and Board Membership

- Member, Data Safety and Monitoring Board, study titled “De-Implementing Opioid Use and Implementing Optimal Pain Management Following Dental Extractions”, National Institute of Dental and Craniofacial Research, 2019 – present
- Member, Program Committee, Sixth International Conference on Establishment Surveys (ICES VI), 2017 – present
- Education Officer, American Statistical Association, Survey Research Methods Section, 2017 – 2018 (*elected position*)
- Member, Cancer Care Delivery Research Steering Committee, National Cancer Institute, 2015 – present
- Member, External Advisory Board, Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Program, OSU Nisonger Center, 2012 – present
- Member, Scientific Program Committee (SRMS Representative), ENAR 2015 Spring Meeting, 2013 – 2015
- Secretary, American Statistical Association, Survey Research Methods Section, 2012 – 2013 (*elected position*)

Grant Reviews

- Proposal referee (ad-hoc) for US Bureau of Labor Statistics, 2018
- Proposal referee (ad-hoc) for Netherlands Organisation for Scientific Research (NWO), 2018
- Proposal Final Report referee (ad-hoc) for Patient-Centered Outcomes Research Institute, 2017
- Proposal referee (ad-hoc) for Netherlands Organisation for Scientific Research (NWO), 2015
- Proposal referee (ad-hoc) for National Science Foundation (Methodology, Measurement, and

Statistics Program), 2012

Article Reviewer (Frequency)

- *American Journal of Public Health* (1), *Annals of Applied Statistics* (3), *Behavioral Research Methods* (1), *Biometrical Journal* (1), *Biometrics* (1), *BMC Medical Research Methodology* (4), *The BMJ* (1), *Canadian Journal of Statistics* (3), *Clinical Trials* (1), *Epidemiology* (2), *Evaluation Review* (1), *Forensic Anthropology* (2), *International Statistical Review* (1), *Journal of Applied Statistics* (2), *Journal of Clinical Epidemiology* (3), *Journal of Official Statistics* (2), *Journal of the American Statistical Association* (1), *Journal of the Indian Society of Agricultural Statistics* (1), *Journal of the Royal Statistical Society, Series A* (1), *Journal of the Royal Statistical Society, Series C* (2), *Journal of Statistical Education* (1), *Journal of Survey Statistics and Methodology* (1), *Multivariate Behavioral Research* (2), *PLOS One* (1), *Sociological Methods and Research* (1), *Statistical Methods in Medical Research* (4), *Statistics in Medicine* (9), *Survey Methodology* (4)

Conference Activities

- Chair, Session on “Survey Modes and Measurement Error,” Joint Statistical Meetings, Vancouver, British Columbia, 2018
- Organizer and Chair, Panel Session on “Teaching Biostatistics Online: a Discussion and Debate of Problems and Solutions,” Joint Statistical Meetings, Baltimore, MD, 2017
- Chair, Session on “Design and Analysis Issues with Modern Population Telephone Surveys,” Joint Statistical Meetings, Chicago, IL, 2016
- Chair, Session on “Variance Estimation,” Joint Statistical Meetings, Miami, FL, 2011
- Organizer, Invited Session on “Statistics and International Health: Methods for Surveillance, Monitoring and Management,” American Public Health Association Annual Meeting, 2010
- Chair, Session on “Survey Models for Causal Estimation, Calibration, and Bayesian Estimation,” Joint Statistical Meetings, Vancouver, British Columbia, 2010

STUDENT
ADVISING

Ph.D. Dissertation Advisor, The Ohio State University

- Brittney Bailey, Biostatistics, 2016 – 2018
(Co-advisor with Dr. Abigail Shoben, Biostatistics)
Dissertation: *Data Analysis and Multiple Imputation for Two-Level Nested Designs*
Current Position: Postdoctoral Associate, Amherst College
- David Kline, Biostatistics, 2013 – 2015
(Co-advisor with Dr. Eloise Kaizar, Statistics)
Dissertation: *Systematically Missing Subject-Level Data in Longitudinal Research Synthesis*
Current Position: Research Scientist, OSU Center for Biostatistics
- Danielle Sullivan, Biostatistics, 2011 – 2013
Dissertation: *A Hot Deck Imputation Procedure for Multiply Imputing Nonignorable Missing Data: The Proxy Pattern-Mixture Hot Deck.*
Current Position: Senior Biostatistician, AbbVie

Ph.D. Dissertation Committee Member, The Ohio State University

- Michelle Menegay, Epidemiology, 2019 – present
- Robert Orellana, Epidemiology, 2018
- Remle Crowe, Epidemiology, 2018
- Ranran Dong, Biostatistics, 2016 – 2017
- Amy Stark Biostatistics, 2015 – 2017
- Andrea Wanamaker, Biomedical Engineering, 2015 – 2017
- Haleigh Scott, Intellectual and Developmental Disabilities Psychology, 2014 – 2016
- Kristin McCarthy Sommerhalter, Epidemiology, 2014 – 2015

- Christy Collins, Epidemiology, 2014 – 2015
- Robert Ashmead, Biostatistics, 2013 – 2014
- Liesel Seryak, Environmental Health Science, 2010 – 2012
- Brenda Clark, Environmental Health Science, 2010 – 2012
- Chih-Lin Li, Biostatistics, 2010 – 2011

Ph.D. Candidacy Exam Committee Member, The Ohio State University

- Ana Sucaldito, Health Behavior and Health Promotion, 2019 – present
- Joyce Rudy, Epidemiology, 2018 – present
- Kate Ormiston, Human Nutrition, 2018 – 2019
- Sara Conroy, Epidemiology, 2017
- Remle Crowe, Epidemiology, 2017
- Robert Orellana, Epidemiology, 2017 – 2018
- Michelle Menegay, Epidemiology, 2016 – 2019
- Ranran Dong, Biostatistics, 2016
- Amy Stark, Biostatistics, 2015
- Andrea Wanamaker, Biomedical Engineering, 2015
- Kristin McCarthy Sommerhalter, Epidemiology, 2013 – 2014
- Katherine Randle, Health Behavior and Health Promotion, 2012 – 2015
- Christy Collins, Epidemiology, 2012 – 2014
- Lindsay Asti, Epidemiology, 2012 – 2014
- Robert Ashmead, Biostatistics, 2013
- Alice Hinton, Biostatistics, 2012
- Sherry Liu, Health Behavior and Health Promotion, 2010 – 2011
- Chih-Lin Li, Biostatistics, 2010

M.S./M.P.H. Thesis/Project Advisor, The Ohio State University

- John Myers, Biostatistics M.S., 2017 – present
- Ann Nwosu, Biostatistics M.S., 2016 – 2017
- Jason Benedict, Biostatistics M.S., 2015 – 2016
- Erica Esposito, Program for Experienced Professionals (PEP) M.P.H., 2012 – 2013
- Tara Carmack, Biostatistics M.S., 2010 – 2012
- Mahmoud Abdel-Rasoul, Biostatistics M.S., 2010 – 2011
- Dale Rhoda, Biostatistics M.S., 2009 – 2011
- Tatiana Gavrulina, Biostatistics M.P.H., 2009 – 2011

M.S./M.P.H. Thesis/Project Committee Member, The Ohio State University

- Sophia Fisher, Health Behavior Health Promotion M.P.H., 2018 – present
- Susan Rymut, Human Nutrition M.S., 2018 – present
- Nicholas Pondel, Biomedical Informatics M.P.H., 2018 – present
- W. Thomas Whitlow, Program for Experienced Professionals (PEP) M.P.H., 2017 – 2018
- Jenna Brophy, Health Behavior Health Promotion M.P.H., 2017 – 2018
- Kayla Orso, Veterinary Public Health M.P.H., 2017 – 2018
- Sarah Asad, Epidemiology M.P.H., 2017 – 2018
- Garrett Hunt, Program for Experienced Professionals (PEP) M.P.H., 2017
- Erin Osborne, Veterinary Public Health M.P.H., 2017
- Leah Mitchell, Health Behavior Health Promotion M.P.H., 2016 – 2017
- Kylie Thompson, Human Nutrition M.S., 2016 – 2017

- Kristen Arnold, Human Nutrition M.S., 2015 – 2016
- Sara Conroy, Biostatistics M.S., 2015
- Wenna Xi, Biostatistics M.S., 2013 – 2014
- Amelia Kaeding, Veterinary Public Health M.P.H., 2012
- Emily Diener, Veterinary Public Health M.P.H., 2011 – 2012
- Helen Michelle Byrd, Epidemiology M.P.H., 2011
- Patricia Carr, Epidemiology M.P.H., 2011
- Jennifer Dotson, Clinical Investigations M.P.H., 2011
- Brian Palmer, Biostatistics M.P.H., 2009 – 2011
- Jonathan Kanam, Epidemiology M.P.H., 2010
- Abby Monnin, Veterinary Public Health M.P.H., 2010
- Mi-Hyun Chang, Biostatistics M.P.H., 2009 – 2010

Undergraduate Honors Thesis Advisor, The Ohio State University

- Maddie Drenkhan, Public Health Sociology, 2017 – 2018

Undergraduate Honors Thesis Committee Member, The Ohio State University

- Lea Ghastine, Environmental Public Health, 2017
- Sarah Jossart, Public Health Sociology, 2016 – 2017
- Meghan Shea, Public Health Sociology, 2015 – 2016
- Christopher Gaw, Biology, 2013

Academic Advisor, The Ohio State University

- Jared Stoneman, Biostatistics M.P.H., 2017 – 2018
- Joshua Smith, Biostatistics M.S., 2016 – 2018
- Yiran Zhang, Biostatistics Ph.D., 2015 – 2017
- Lu Chen, Biostatistics M.P.H., 2016
- Weiwei Jiao, Biostatistics M.P.H., 2016
- Jeremy Tan, Biostatistics M.P.H., 2016
- Sara Conroy, Biostatistics M.S., 2013 – 2015
- Brittney Bailey, Biostatistics Ph.D., 2013 – 2015
- Amy Stark, Biostatistics Ph.D., 2012 – 2014
- David Kline, Biostatistics Ph.D., 2012 – 2013
- Mary Prier, Biostatistics Ph.D., 2011 – 2012
- Mi-Hyun Chang, Biostatistics M.P.H., 2009 – 2010

Research Assistant Supervisor, The Ohio State University

- John Myers, Graduate Research Assistant, Division of Biostatistics, 2018 (summer)
- Joyce Rudy, Graduate Research Assistant, Division of Epidemiology, 2017 – 2018
- Qing Xie, Graduate Research Assistant, Division of Biostatistics, 2017 – 2018
- Ann Nwosu, Graduate Research Assistant, Division of Biostatistics, 2016
- Brittney Bailey, Graduate Research Assistant, Institute for Behavioral Medicine Research, 2015 – present
- Jason Benedict, Graduate Research Assistant, Division of Biostatistics, 2015
- Beom Seuk Hwang, Graduate Research Assistant, Institute for Behavioral Medicine Research, 2009 – 2012
- Tara Carmack, Graduate Research Assistant, Division of Epidemiology, 2010 – 2011

Ph.D. Dissertation Graduate Faculty Representative, The Ohio State University

- Erin Panczyk, Chemistry and Biochemistry, 2018 (Candidacy Exam)
- Kaitlin Snider, Neuroscience, 2016 (Candidacy Exam)
- James Carter, Social Work., 2015
- Rajbir Singh, Biochemistry, 2013
- Mei-Fang Chiang, Family Resource Management, 2012

PROFESSIONAL
MEMBERSHIPS

American Association for Public Opinion Research (AAPOR), 2018 – present
American Public Health Association, 2014 – present
International Biometrics Society, Eastern North American Region, 2009 – present
American Statistical Association, 2007 – present

Last updated: 4/1/2019