

Rebecca R. Andridge

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CONTACT INFORMATION

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RESEARCH INTERESTS

Missing data: multiple imputation, nonignorable nonresponse, hot deck imputation; Survey sampling; Nonprobability sampling; Statistical issues surrounding group randomized trials; Collaborative research in behavioral medicine, psychology, and cancer

EDUCATION

University of Michigan

- Ph.D., Biostatistics, August 2009
 - Dissertation: *Statistical Methods for Missing Data in Complex Sample Surveys*
 - Advisor: Dr. Roderick J. A. Little
- M.S., Biostatistics, April 2005

Stanford University

- B.A., Economics (Minor: Psychology), April 1999

CURRENT EMPLOYMENT AND POSITIONS

Associate Dean for Undergraduate Studies	8/2024 – present
College of Public Health The Ohio State University	
Professor	5/2024 – present
Associate Professor	6/2016 – 5/2024
Assistant Professor	9/2009 – 6/2016
Division of Biostatistics, College of Public Health The Ohio State University	
Faculty Fellow for External Engagement (0.2 FTE)	8/2023 – 5/2024
Office of Academic Affairs The Ohio State University	

Key activities: Assist OAA External Engagement with reviewing current regional campus policies and recommending and/or developing standardized faculty policies, procedures, and expectations.

Faculty Fellow for Distance Education (0.25 FTE) 8/2019 – 8/2021

Office of Academic Affairs
The Ohio State University

Key activities: Led University-wide central review of courses seeking “emergency” approval for online delivery in Summer 2020 (COVID); Developed rubric for peer evaluation of online teaching; Assisted with development of data dashboards for University-wide data on course delivery mode; Provided faculty input for various initiatives in the Office for Distance Education and E-Learning.

Instructor 9/2007 – 8/2008

Biostatistics Department
University of Michigan

Graduate Student Research Assistant 9/2005 – 8/2008

Biostatistics Department
University of Michigan

Graduate Student Research Assistant 9/2003 – 8/2008

Health Behavior and Health Education Department
University of Michigan

AFFILIATIONS

- The Ohio State University Decision Sciences Collaborative 2015 – present
- The Ohio State University Food Innovation Center 2013 – present
- The Ohio State University Institute for Population Research 2012 – present

HONORS AND AWARDS

- Elected Fellow, American Statistical Association, 2020
For influential research on missing data, outstanding collaborative research, superb and innovative classroom and distance teaching of statistics, and editorial service to the profession.
- 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.
- Ohio State University College of Public Health Excellence in Teaching Award, 2011
- University of Michigan Rackham Predoctoral Fellowship, 2008 – 2009.
- University of Michigan 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

Undergraduate

- Biostatistics for Public Health Research (PUBHBIO 2210)
 - Spring 2013, Autumn 2013, Spring 2015

- Student Evaluation of Instruction (SEI) overall scores (out of 5): 5, 4.9, 5
- Public Health Capstone (Internship/Research) (PUBHLTH 3191/3999)
 - Autumn 2024
 - SEI overall scores (out of 5): 4.7

Graduate

- Design and Analysis of Studies in the Health Sciences I (PUBHBIO 701/6210)
 - Autumn 2010, Autumn 2011, Autumn 2012, Autumn 2014, Spring 2015, Autumn 2015, Spring 2016, Spring 2021
 - SEI overall scores (out of 5): 4.9, 5.0, 4.9, 4.8, 4.9, 5.0, 5.0, 4.9
- Design and Analysis of Studies in the Health Sciences II (PUBHBIO 702/6211)
 - Winter 2010, Spring 2010, Winter 2011, Winter 2012, Spring 2017, Spring 2018
 - SEI overall scores (out of 5): 4.9, 5.0, 4.9, 5.0, 4.9, 4.9
- Regression Methods for the Health Sciences (PUBHBIO 6250)
 - Autumn 2024
 - SEI overall score (out of 5): 4.8
- Methods in Quantitative Data Analysis (PUBHLTH 6001)
 - Autumn 2021, Autumn 2022
 - SEI overall score (out of 5): 4.9, 4.8
- Ethics in Biostatistics (PUBHBIO 6260)
 - Autumn 2021, Autumn 2022
 - SEI overall scores (out of 5): N/A (below response count threshold), 5.0
- Survey Sampling Methods (PUBHBIO 7225)
 - Autumn 2019, Autumn 2023, Autumn 2025
 - SEI overall score (out of 5): 5.0, 5.0
 - Survey of the Student Learning Experience (SSLE) mean score range (out of 5): 4.9-4.9 (AU25)
- Doctoral Seminar (PUBHBIO 8899)
 - Autumn 2013
 - SEI overall score (out of 5): N/A (below response count threshold)
- Basic Biostatistics (PUBHLTH 670.03/7350.03) (CPH Summer Program, 1 week)
 - Summer 2011, Summer 2013

University of Michigan

Graduate

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

Short Courses/Continuing Education Courses

- *Adjusting For Non-Ignorable Selection Bias in Surveys (with B West)*, University of Michigan Population Dynamics and Health Program (PDHP) Workshop Series, January 29, 2026
- *A Practical Introduction to Sensitivity Analyses for Non-ignorable Selection Bias in Surveys (with B West)*, American Association for Public Opinion Research (AAPOR) Annual Conference, May 14, 2024
- *Applications of Hot Deck Imputation Methods to Survey Data (with KJ Thompson)*, Washington Statistical Society, April 25, 2019

- *Applications of Hot Deck Imputation Methods to Survey Data (with KJ Thompson)*, Joint Statistical Meetings, July 31, 2018

COURSE DEVELOPMENT

All are at The Ohio State University

- (2024) PUBHBIO 6250: Regression Methods for the Health Sciences (3cr)
 - *Redesigned a traditional lecture-based course into a 100% online, asynchronous course with an emphasis on data analysis using software and critical reading of scientific literature*
- (2020-21) PUBHBIO 6260: Ethics in Biostatistics (1cr)
 - *Co-created (with A Shoben) a new discussion-based course for biostatistics graduate students introducing them to ethical challenges in biostatistics*
- (2020-21) PUBHLTH 6001: Methods in Quantitative Data Analysis (4cr)
 - *Co-created (with an Epidemiology faculty member) a new integrated MPH core course on biostatistical and epidemiological methods for 100% online delivery*
- (2019) PUBHBIO 7225: Survey Sampling Methods (3cr)
 - *Redesigned a traditional lecture/exam-based course into an active-learning focused in-person class with hand-on activities in every class meeting and both individual and group projects*
- (2017) PUBHBIO 6211: Design and Analysis of Studies in the Health Sciences II (3cr)
 - *Redesigned the traditional in-person course and converted to 100% online delivery mode*
- (2014) PUBHBIO 6210: Design and Analysis of Studies in the Health Sciences I (3cr)
 - *Redesigned the traditional in-person course and converted to 100% online delivery mode*
- (2013) PUBHBIO 2210: Biostatistics for Public Health Research (3cr)
 - *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*

PUBLICATIONS

Statistical Methodology

* = student advisee

1. Martinez SD, West BT, **Andridge RR**. (2026) Measures of non-ignorable selection bias for non-probability samples. *The Survey Statistician*, 93, 26-41. (Editor Reviewed)
2. **Andridge RR**, Song R*, West BT. (2025) A sensitivity analysis framework using the proxy pattern-mixture model for generalization of experimental results. *Statistics in Medicine*, 44:25-27, e70313.
3. **Andridge RR** (2024). Using proxy pattern-mixture models to explain bias in estimates of COVID-19 vaccine uptake from two large surveys. *Journal of the Royal Statistical Society – Series A*, 187(3); 831-843.
4. West B, **Andridge RR** (2023). Evaluating pre-election polling estimates using a new measure of non-ignorable selection bias. *Public Opinion Quarterly*, 87; 575-601.
5. **Andridge RR**, Thompson KJ (2023). Adapting nearest neighbor for multiple imputation: Advantages, challenges, and drawbacks. *Journal of Survey Statistics and Methodology*, 11; 213-233.
6. West BT, Little RJ, **Andridge RR**, Boonstra P, Ware EB, Pandit A, Alvarado-Leiton F (2021). Assessing selection bias in regression coefficients estimated from nonprobability samples with applications to genetics and demographic surveys. *Annals of Applied Statistics*, 15; 1556-1581.

7. Boonstra PS, Little RJA, West BT, **Andridge RR**, Alvarado-Leiton F. (2021) A simulation study of diagnostics for bias. *Journal of Official Statistics*, 37; 751-769.
8. **Andridge RR**, Bechtel L, Thompson KJ (2021) Finding a flexible hot deck imputation method for multinomial data. *Journal of Survey Statistics and Methodology*, 9; 789-809.
9. Bailey B^{*}, **Andridge R**, Shoben A. (2020) Multiple imputation by predictive mean matching in cluster-randomized trials. *BMC Medical Research Methodology*, 20; 72.
10. **Andridge RR**, Little RJA. (2020) Proxy pattern-mixture analysis for a binary variable subject to nonresponse. *Journal of Official Statistics*, 36; 703-728.
11. **Andridge RR**, West B, Little RJA, Boonstra P, Alvarado-Leiton, F. (2019) Indices of non-ignorable selection bias for proportions estimated from non-probability samples. *Journal of the Royal Statistical Society – Series C (Applied Statistics)*, 68; 1465-1483.
12. Xi W, Pennell M, **Andridge R**, Paskett E. (2018) Comparison of intent-to-treat analysis strategies for pre-post studies with loss to follow-up. *Contemporary Clinical Trials Communications*, 11; 20-29.
13. **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.
14. Kline D^{*}, **Andridge RR**, Kaizar E (2017). Comparing multiple imputation methods for systematically missing subject-level data. *Research Synthesis Methods*, 8; 136-148.
15. **Andridge RR** and Thompson KJ (2015). Assessing nonresponse bias in a business survey: Proxy pattern-mixture analysis for skewed data. *Annals of Applied Statistics*, 9; 2237-2265.
16. **Andridge RR** and Thompson KJ (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.
17. Sullivan D^{*} and **Andridge RR** (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.
18. **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.
19. **Andridge RR**, Little RJA (2012). New and Emerging Methods: Proxy Pattern-Mixture Analysis for Survey Nonresponse. *The Survey Statistician*, 64, July 2011, 21-26.
20. 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.
21. **Andridge RR**, Little RJA (2011). Proxy pattern-mixture analysis for survey nonresponse. *Journal of Official Statistics*, 27; 153-180.
22. **Andridge RR** (2011). Quantifying the impact of fixed effects modeling of clusters in multiple imputation for cluster randomized trials. *Biometrical Journal*, 53; 57-74.
23. **Andridge RR**, Little RJA (2010). A review of hot deck imputation for survey nonresponse. *International Statistical Review*, 78; 40-64.
24. **Andridge RR**, Little RJA (2009). The use of sample weights in hot deck imputation. *Journal of Official Statistics*, 25; 21-36.

Under Review

1. Adarkwah yiadom^{*} S, **Andridge RR**. Re-expressing the proxy pattern-mixture model as a selection model to assist with sensitivity analysis. *Journal of Official Statistics*, revision submitted (2/2026).

2. West BT, **Andridge RR**. Improved mass imputation in probability samples via adjustment of imputation models based on non-probability samples for selection bias. *Journal of the Royal Statistical Society – Series A*, revision requested (12/2025).

Statistical Education

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

Under Review

1. Kalish A, Todd A, Daly M, Martin A, Montalto C, Krissek L, **Andridge R**, Kwiek N, Bowles W, Weaver L, Smith WR. Developing a new general education program. *Journal of General Education: A Curricular Commons of the Humanities and Sciences*, submitted.

Biomedical Applications

1. Fisher M, Phansikar M, Teng J, McPherson N, Duraney E, McKenna M, Shankar A, Blau C, Canter R, Roberts C, Aghamoosa S, Wright K, **Andridge R**, Prakash R. (2026) Effects of mindfulness training on sustained attention and mind-wandering in older adults: A randomized controlled trial. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 81(2):gbaf235.
2. del Aguila A, Strehle LD, Adarkwah Yiadom S, Sardesai SD, Williams NO, Gatti-Mays ME, Stover DG, Sudheendra PK, Wesolowski R, Gorka SM; **Andridge RR**, Pyter LM. (2026) Chemotherapy-induced estradiol reduction is associated with less relief of pre-chemotherapy anxiety in breast cancer patients. *Psychoneuroendocrinology*, 186, 107749.
3. Hollway J, Sanford C, **Andridge R**, Arnold LE, Sinclair J, Cobranchi C, Cameto R, Benson B, Seeley J, Haverkamp S. (2026) Preliminary psychometric findings and feasibility of the Diagnostic Interview for Adolescents and Adults with Intellectual Disability (DIAAID): An interview schedule of mental disorders. *Journal of Applied Research in Intellectual Disabilities*, 39(1); e70168.
4. Prakash R, Phansikar M, Fisher ME, Dove S, **Andridge R**, Scharre D, Wright KD, Head E, O’Callaghan C, Meyerson QK, Duraney EJ, Schroeder M, Chakrapani N, Grant E, Jones T, Teng J, Esterman M, Smyth JM, Gregoire T, Malhas R (IN PRESS, 2025). Feasibility of Internet-based Mind-Body Training (iMBT) for adults with subjective cognitive decline: Protocol for a randomized controlled trial. *JMIR Research Protocols*, preprint online.
5. Christian LM, **Andridge RR**, Peng J, Kasibhatla NP, McDade TW, Blevins T, Cole SW, Manning WD, Kamp Dush CM. (IN PRESS, 2025) Sexual minority adults exhibit greater inflammation than heterosexual adults in the context of depressive symptoms and anxiety: Pathways to health disparities. *Brain, Behavior, and Immunity*, 133; 106202.
6. Christian LM, **Andridge RR**, Peng J, McDade TW, Manning WD, Kamp Dush CM. (IN PRESS, 2025) Self-rated health and inflammation: Associations among sexual minority and heterosexual adults. *Health Psychology*.
7. Zvara BJ, Altenburger L, Keim SA, **Andridge R**, Anderson SE. (IN PRESS, 2025) Family meals and behavioral development: The role of feeding strategies and mealtime emotional climate. *Journal of Family Psychology*.
8. Ingol T, Anderson SE, Rausch J, **Andridge R**, Zvara BJ, Keim SA. (2025) Maternal weight trajectories from pre-pregnancy through postpartum and childhood obesity risk at 24 months of age: A group-based trajectory modeling analysis. *Journal of Child Science*, 15(1); 56-69.

9. Luff A, Nguyen N, Luong T, Hayford S, Norris A, Casterline J, **Andridge R**, Gallo M. (2025) Association between negative pregnancy desires and recent condomless sex among couples in Vietnam. *The Journal of Sex Research*, Jul 22:1-8.
10. Seng M, Adarkwah Yiadom S, Otto-Dobos LD, Sardesai SD, Williams N, Gatti-Mays ME, Stover DG, Wesolowski R, Way BM, Glasper ER, **Andridge RR**, Pyter LM (2025). The role of oxytocin in mediating the relationships between social factors and chemotherapy-associated cognitive decline in female patients with breast cancer. *Psychoneuroendocrinology*, 176, 107428.
11. Morgan E, Kamp Dush CM, McDade TW, Peng J, **Andridge RR**, Cole SW, Manning W, Christian LM (2025). LGBTQ+ identity and its association with inflammation and cellular immune function. *Brain, Behavior and Immunity*, 126; 333-341.
12. Sucaldito AD, **Andridge R**, Reiter PL, Strunk DR, Katz ML (2025). Influence of racial identification and gender on the mental health outcomes of “Asian American Pacific Islander” college students. *Journal of American College Health*, 73(5); 1983-1993.
13. Christian L, Wilson S, Madison A, Kamp Dush C, McDade T, Peng J, **Andridge R**, Morgan E, Manning W, Cole S (2025). Sexual minority stress and epigenetic aging. *Brain, Behavior, and Immunity*, 126, 24-29.
14. Madison AA, ShROUT MR, Wilson SJ, Renna ME, Peng J, **Andridge R**, Jaremka LM, Fagundes CP, Malarkey WB, Kiecolt-Glaser JK (2025). “I’m ready this time”: Investigating physiological and emotional habituation to repetitive social stress. *Annals of Behavioral Medicine*, 59(1), kaaf009.
15. Otto-Dobos LD, Strehle LD, Loman BR, Seng M, Sardesai SD, Williams NO, Gatti-Mays ME, Stover DG, Sudheendra PK, Wesolowski R, **Andridge RR**, Bailey MT, Pyter LM (2024). Baseline gut microbiome alpha diversity predicts chemotherapy-induced gastrointestinal symptoms in patients with breast cancer. *npj Breast Cancer*, 10(1); 99.
16. McKenna MR, Gbadeyan O, **Andridge R**, Schroeder MW, Pugh EA, Scharre DW, Prakash RS (2025). p-tau/A β 42 ratio associates with cognitive decline in Alzheimer’s disease, mild cognitive impairment, and cognitively unimpaired older adults. *Neuropsychology*, 39(2), 137-151
17. Prakash RS, McKenna MR, Gbadeyan O, Shankar AR, Pugh A, Teng J, **Andridge R**, Berry A, Scharre DW (2025). A whole-brain functional connectivity model of Alzheimer’s disease pathology. *Alzheimer’s & Dementia*, 21(1):e14349.
18. Ormiston K, Melink Z, **Andridge R**, Lustberg M, DeVries AC, Murphy K, Emmers K, Ziouzenkova O, Belury MA, Orchard TS (2025). Dietary EPA and DHA enrichment of a high fat diet during doxorubicin-based chemotherapy attenuated neuroinflammatory gene expression in the brain of C57bl/6 ovariectomized mice. *Brain, Behavior, and Immunity*, 123; 370-382.
19. Ormiston K, Fitzgerald J, **Andridge R**, Lustberg MB, DeVries AC, Orchard TS. (2024) Low sucrose diets protect long-term memory and EPA & DHA enriched diets alter insulin resistance in a mouse model of chemotherapy. *Nutrition Research*, 131; 39-53.
20. Khalsa AS, **Andridge R**, Keim SA, Zvara BJ, Anderson SE (2024). Screen time, outdoor play, and sleep routines in early childhood: Longitudinal associations with parenting stress during toddler years. *Journal of Pediatric Health Care*, 38(6); 794-803.
21. Phansikar M, Duraney EJ, Manglani HR, Shankar A, Roberts C, **Andridge R**, Nicholas JS, Petosa R, Prakash RS (2025). TRACKing health behavior in people with multiple sclerosis: Effects of a randomized trial on physical activity and working memory. *Rehabilitation Psychology*, 70(3), 227-239.
22. Otto-Dobos L, Grant CV, Lahoud AA, Wilcox OR, Strehle LD, Loman BR, Adarkwah Yiadom S, Seng MM, Halloy N, Russart KLG, Carpenter KM, Dawson E, Sardesai SD, Williams NO, Gatti-Mays ME, Stover DG, Sudheendra PK, Wesolowski R, Kiecolt-Glaser JK, Bailey MT, **Andridge RR**, Pyter LM

- (2024). Chemotherapy-induced gut microbiome disruption, inflammation, and cognitive decline in female patients with breast cancer. *Brain, Behavior, and Immunity*, 120; 208–220.
23. Barnhardt E, Walton J, Martens M, **Andridge R** (2024). Caregiver-reported barriers to care for children and adults with Williams Syndrome. *Journal of Community Genetics*, 15(4), 375-386.
 24. Madison AA, Burd CE, **Andridge R**, Wilson SJ, Bailey MT, Belury M, Spakowicz DJ, Malarkey W, Kiecolt-Glaser JK (2024). Gut microbiota richness and diversity track with T cell aging in healthy adults. *Journal of Gerontology: Series A*, 79(3), glad276.
 25. Krupsky KL, Zvara BJ, Khalsa AS, **Andridge R**, Keim SA, Anderson SE (2024). Household chaos, child temperament, and structure-related feeding practices in toddlerhood: A moderation analysis. *Eating Behaviors*, 52; 101838.
 26. Luff A, Nguyen NC, **Andridge R**, Hayford S, Norris A, Casterline J, Gallo MF (2024). Validity of partner reports of recent condomless sex. *Sexually Transmitted Diseases*, 51(4), 254-259.
 27. Whitmoyer P, Fisher ME, Duraney EJ, Manzler C, Isaacowitz I, **Andridge R**, Prakash RS (2024). Age differences in emotion regulation strategy use and flexibility in daily life. *Aging & Mental Health*, 28(2), 330-343.
 28. Zaborski NL, **Andridge RR**, Paskett ED, Katz ML (2023). Food insecurity among adult females with a history of breast cancer compared to adult females without cancer in the United States. *Journal of Cancer Survivorship*, 19; 479–486.
 29. Dunn S, Orchard T, **Andridge R**, Rymut S, Slesnick N, Hatsu I (2023). Mental health in society's margins: Poor omega-3 PUFA intake and psychological well-being of homeless youth. *British Journal of Nutrition*, 131(4); 698-706.
 30. Madison AA, **Andridge R**, Renna M, Sheridan J, Lustberg M, Ramaswamy B, Wesolowski R, Williams NO, Sardesai SD, Noonan AM, Reinbolt RE, Cherian MA, Malarkey WB, Kiecolt-Glaser JK (2023). Inflamed but not impulsive: Acute inflammatory cytokine response does not impact prepotent response inhibition. *Journal of Affective Disorders*, 342; 1-9.
 31. Madison AA, **Andridge R**, Kantaras AH, Renna ME, Bennett JM, Alfano CM, Povoski SP, Agnese DM, Lustberg M, Wesolowski R, Carson WE, Williams NO, Reinbolt RE, Sardesai SD, Noonan AM, Stover DG, Cherian MA, Malarkey WB, Kiecolt-Glaser JK (2023). Depression, inflammation, and intestinal permeability: Associations with subjective and objective cognitive functioning throughout breast cancer survivorship. *Cancers*, 15; 4414.
 32. Manglani HR, Phansikar M, Duraney EJ, McKenna MR, Canter R, Nicholas JA, **Andridge R**, Prakash RS (2023). Accelerometry measures of physical activity and sedentary behavior: Associations with cognitive functioning in MS. *Multiple Sclerosis and Related Disorders*, 79; 104963.
 33. Zvara BJ, Keim SA, **Andridge R**, Anderson SE. (2023) Self-compassion and depressive symptoms as determinants of sensitive parenting: Associations with sociodemographic characteristics in a sample of mothers and toddlers. *Children*, 10; 1284.
 34. Zvara BJ, Keim SA, **Andridge R**, Anderson SE (2023). Variability in parenting behaviors during play and during mealtimes with toddlers. *Infant and Child Development*, 32(5); e2447.
 35. Renna M, Madison AA, Peng J, Shrout MR, Lustberg M, Ramaswamy B, Wesolowski R, VanDeusen JB, Williams N, Sardesai S, Noonan A, Reinbolt R, Stover D, Cherian M, Malarkey WB, **Andridge R**, Kiecolt-Glaser J (2023). Worry and mindfulness differentially impact symptom burden following treatment among breast cancer survivors: Findings from a randomized crossover trial. *Annals of Behavioral Medicine*, 57(10); 888-898.

36. Wilson SJ, Cole SW, Shrout MR, Malarkey WB, **Andridge R**, Kiecolt-Glaser JK (2023). Your suffering is my stressor: Proinflammatory gene expression rises with spousal distress in middle-aged and older couples. *Psychoneuroendocrinology*, 153; 106116.
37. Madison AA, Filatov M, **Andridge R**, Haas G, Povoski SP, Agnese DM, Lustberg M, Reinbolt RE, Wesolowski R, Williams NO, Malarkey WB, Kiecolt-Glaser JK (2023). A troubled heart: Mood disorder history longitudinally predicts faster cardiopulmonary aging in breast cancer survivorship. *PLoS One*, 18(3); e0283849.
38. Madison AA, Renna M, **Andridge R**, Peng J, Shrout MR, Sheridan J, Lustberg M, Ramaswamy B, Wesolowski R, Williams NO, Noonan AM, Reinbolt RE, Stover DG, Cherian MA, Malarkey WB, Kiecolt-Glaser JK (2023). Conflicts hurt: Social stress predicts elevated pain and sadness after mild inflammatory increases. *PAIN*, 164(9); 1985-1994.
39. Madison A, Way B, Ratner K, Renna M, **Andridge R**, Peng J, Shrout MR, Sheridan J, Lustberg M, Ramaswamy B, Wesolowski R, VanDeusen JB, Williams NO, Sardesai SD, Noonan AM, Reinbolt RE, Stover DG, Cherian MA, Malarkey WB, Kiecolt-Glaser JK (2023). Typhoid vaccine does not impact feelings of social connection or social behavior in a randomized crossover trial among middle-aged female breast cancer survivors. *Brain, Behavior, and Immunity*, 107; 124-131.
40. Prakash R, Manglani HR, Duraney EJ, Shankar A, Fisher ME, Janssen A, Cea L, Petosa R, **Andridge R**, Nicholas J (2022). TRACking health behaviors in people with Multiple Sclerosis (TRAC-MS): Study protocol and description of the study sample. *Contemporary Clinical Trials Communications*, 30; 101006.
41. Fisher ME, Duraney EJ, Friess K, Whitmoyer P, **Andridge R**, Prakash P (2022). Trait mindfulness and emotion regulation responsiveness to negative affect in daily life. *Mindfulness*, 13; 2796-2811.
42. Prakash RS, Fountain-Zaragoza S, Fisher M, Gbadeyan O, **Andridge R**, Kiecolt-Glaser JK, Manglani HR, Duraney EJ, Shankar A, McKenna MR, Teng J, Phansikar M, Canter R (2022). Protocol for a randomized controlled trial of mindfulness-based stress reduction to improve attentional control in older adults (HealthyAgers trial). *BMC Geriatrics*, 22; 666.
43. Walton KM, Krahn GL, Buck A, **Andridge R**, Lecavalier L, Hollway JA, Davies DK, Arnold LE, Havercamp SM, and The Nisonger RRTC on Health and Function (2022). Putting “ME” into measurement: Adapting self-report measures for use with individuals with intellectual disability. *Research in Developmental Disabilities*, 128; 104298.
44. Hood RB, **Andridge R**, Sealy-Jefferson S, Felix A (2022). Health disparities in liver cancer: An analysis of the Ohio Cancer Incidence Surveillance System. *Ohio Journal of Public Health*, 5(1); 64-72.
45. Duraney EJ, Fisher ME, Manglani HR, **Andridge R**, Nicholas JA, Prakash RS. (2022) Impact of mindfulness training on emotion regulation in multiple sclerosis: Secondary analysis of a pilot randomized controlled trial. *Rehabilitation Psychology*, 67(4); 449-460.
46. Weinhold K, **Andridge RR**, Bomser JA, Sasaki GY, Bruno RS, Orchard TS. (2022) Sugars measured enzymatically in a fasting overnight urine sample are not sensitive biomarkers of dietary added sugar intake in postmenopausal women. *Nutrition and Health*, Online ahead of print.
47. Carey H, Tanner K, Ratliff-Schaub K, Baldino M, Kelly N, **Andridge R** (2023). Early developmental trends in high-risk neonates later diagnosed with autism spectrum disorder. *Pediatric Physical Therapy*, 35(1):28-34.
48. Kiecolt-Glaser JK, Renna M, Peng J, Sheridan J, Lustberg M, Ramaswamy B, Wesolowski R, VanDeusen JB, Williams NO, Sardesai SD, Noonan AM, Reinbolt RE, Stover DG, Cherian MA, Malarkey WB, **Andridge R** (2022). Breast cancer survivors’ typhoid vaccine responses: Chemotherapy, obesity, and fitness make a difference. *Brain, Behavior, and Immunity*, 103; 1-9.

49. Kravets M, Sullivan JA, Parrott A, Zvara BJ, **Andridge R**, Anderson SE, Keim SA. (2022) Eating competence among caregivers of toddlers: Associations with caregiver and child overweight/obesity. *Journal of Nutrition Education and Behavior*, 54(8); 745-752.
50. Nguyen NC, Luong TN, Le VT, Hobbs M, **Andridge R**, Casterline J, Gallo MF (2022). Effectiveness of erectogenic condom against semen exposure among women in Vietnam: Randomized controlled trial. *PLOS One*, 17(2): e0263503. <https://doi.org/10.1371/journal.pone.0263503>
51. Menegay MC, **Andridge R**, Rivlin K, Gallo MF (2022). Delivery at Catholic hospitals and postpartum contraception use, five US states, 2015-2018. *Perspectives on Sexual and Reproductive Health*, 54; 5-11.
52. Gallo MF, Nguyen NC, Luff A, Luong TN, Le VT, Casterline J, **Andridge R** (2022). Effects of a novel erectogenic condom on men and women's sexual pleasure: Randomized controlled trial. *The Journal of Sex Research*, 59(9); 1133-1139.
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Under Review

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7. Shively KB, Tasse MJ, **Andridge RR**. Psychometric properties of the Nisonger Child Behavior Rating Form-2: Parent Scale. *American Journal on Intellectual and Developmental Disabilities*, revision requested (2025).

OTHER PUBLICATIONS

Book Chapters

1. **Andridge RR**, Kim JK, Thompson KJ (2023). Variance estimation under nearest neighbor ratio hot deck imputation for multinomial data: Two approaches applied to the Service Annual Survey (SAS). In *Advances in Business Statistics, Methods and Data Collection* (Eds: Snijkers G, Bavdaž M, Bender S, Jones J, MacFeely S, Sakshaug JW, Thompson KJ, and van Delden A), Wiley.
2. **Andridge RR** and Valliant R (2022). Inference from Probability and Nonprobability Samples. In *Handbook of Computational Social Science Volume 2: Data Science, Statistical Modelling, and Machine Learning Methods* (Eds: Engel U, Quan-Haase A, Xun-Liu S, and Lyberg L), Taylor & Francis.
3. **Andridge RR** and Lemeshow S (2016). Nonresponse in Sample Surveys. In *Encyclopedia of Statistical Sciences*, Wiley StatsRef: Statistics Reference Online. 1-4.

Technical Reports

1. The Ohio Schools COVID-19 Evaluation Research Team (2021). Ohio Schools COVID-19 Evaluation Final Report. Submitted to The Office of the Governor, The Ohio Department of Health, The Ohio Department of Medicaid, The Ohio Department of Insurance, Ohio Pandemic Leadership Team.

Policy Briefs

1. Yang EA, Havercamp SM, **Andridge R** (2016). Ohio Children with Special Health Care Needs: 2015 OMAS Health and Health Care Findings.
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.
3. Yang EA, Havercamp SM, **Andridge R** (2016). Ohio Adults with Special Health Care Needs: 2015 OMAS Health and Health Care Findings.
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.

Conference Proceedings

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 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.

GRANTS

Current

- **NIH R01AG096920** (MPI: Christian and Kamp Dush) 10/2025–present
Comprehensive biological data in NCHAT BIO: Chronic stress, inflammation, and epigenetic aging
Co-Investigator (0-10% support across years 1-5)
- **NIH R61AG081982** (PI: Prakash) 6/2024–present
Development of an online mindfulness training program for adults with subjective cognitive decline
Co-Investigator (5% support)
- **NIDILRR Grant 90RTHF0006** (PI: Havercamp) 10/2023–present
Can You Hear Us Now? Engaging Adults with IDD in Health Research
Co-Investigator (5% support)
- **NIH R01 R01AG069138** (PI: Christian) 09/2020–present
Spousal dementia caregivers: Risk for accelerated aging
Co-Investigator (10%)

Pending

- **NIH R01** (MPI: Elliott and Andridge) Submitted 10/2025
Generalizing causal inference to populations under potentially biased assignment and selection mech-

anisms

(Multi-)Principal Investigator (15% support)

Completed

- **NIH/NCI R03CA280007** (PI: Andridge) 12/2023-11/2025
A sensitivity analysis framework for generalizing randomized clinical trial results in the presence of unmeasured treatment effect modifiers
Principal Investigator (12%)
- **NIDILRR Field Initiated Project Grant 90IFRE0067** (PI: Tasse) 09/2022-08/2025 Using remote support services technologies to enhance independent living
Co-Investigator (5% support)
- **2305OH5ADM/2405OH5ADM** (PI: Sahr) 07/2024-06/2025
Resumption of Medicaid Operations Evaluation (ROME0)
Lead Methodologist (10% support)
- **ODM202410** (PI: Sahr) 02/2022-07/2024
Medicaid Next Generation Evaluation (MNGE)
Lead Methodologist (20% support)
- **ODM202249** (PI: Sahr) 07/2016-06/2024
Ohio Pregnancy Assessment Survey (OPAS)
Lead Methodologist (5% support)
- **ODM202230** (PI: Menegay) 07/2019-06/2024
Ohio Study of Associated Risks of Stillbirth (Ohio SOARS)
Lead Methodologist (5% support)
- **ODM202249** (PI: Menegay) 07/2021-06/2024
Ohio Fatherhood Survey (OFS)
Lead Methodologist (5% support)
- **OSU Internal Grant (MOU) – Nisonger Center** 10/2010-12/2023
Investigator (10% support)
- **NIH R01 HD091274-01A1** (PI: Gallo) 09/2018-5/2022
Initiation of injectable contraception immediately postpartum among breastfeeding women
Co-Investigator (5-10% support across years 1-4)
- **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)
- **ACL NIDILRR Grant #90RTHF0002** (PI: Havercamp) 02/2021-09/2021
Can you hear me now? Listening to people with developmental and intellectual disabilities in health research
Biostatistician (12% support)
- **NIH R01CA186251** (PI: Kiecolt-Glaser) 04/2015-05/2021
Aerobic Capacity, Depression, & Inflammatory Responsivity in Cancer Survivors
Co-Investigator (5-10% support across years 1-5)

- **NIH R01HD084637** (PI: Gallo) 06/2016-03/2021
Promoting condom use among women in established relationships
Co-Investigator (5-10% support across years 1-5)
- **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 1-4)
- **ODM202106** (PI: Sahr/Miller) 11/2020-01/2021
Ohio School COVID-19 Evaluation (OSCE)
Biostatistician (10% support)
- **NIH/NCI R01CA186720** (PI: Kiecolt-Glaser) 05/2014-04/2020
Breast Cancer Survivors' Cardiovascular Risks: Treatment & Behavioral Influences
Co-Investigator (9% support)
- **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/NCI P30CA016058** (PI: Pollock) 12/2015-11/2019
OSU Comprehensive Cancer Center Biostatistics Shared Resource
Biostatistician (5% support)
- **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 R01CA216290** (PI: Pyter) 04/2017-03/2019
Brain-gut interactions underlying chemotherapy-induced behavioral comorbidities
Co-Investigator (0-5% support)
- **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** 01/2012-06/2012
TBI sports, evaluation, and surveillance project
Principal Investigator (5% support)
- **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) ## PRESENTATIONS

Completed - Student Support/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)

PRESENTATIONS

Invited: National/International

- *Analyses for Nonignorable Selection Bias When Estimating Subgroup Parameters in Nonprobability Samples: A Weighting Approach*, University of Michigan Program in Survey and Data Science/Joint Program in Survey Methodology Seminar, January 2026 (talk given virtually)
- *Online (Bio)statistical Courses in the Era of Generative AI: Opportunities and Challenges* (Panelist), Joint Statistical Meetings, Portland, OR, 2024
- *When “representative” surveys fail: Can a non-ignorable missingness mechanism explain bias in estimates of COVID-19 vaccine uptake?*, University of Michigan/University of Maryland Joint Program in Survey Methodology Seminar, March 2024 (talk given virtually)
- *When “representative” surveys fail: Can a non-ignorable missingness mechanism explain bias in estimates of COVID-19 vaccine uptake?*, Colorado University, Department of Biostatistics and Informatics, February 2024 (talk given virtually)
- *It’s who is missing that matters: Can a nonignorable missingness mechanism explain bias in estimates of COVID-19 vaccine uptake?*, Joint Statistical Meetings, Toronto, Ontario, August 2023
- *When “representative” surveys fail: Can a nonignorable missingness mechanism explain bias in estimates of COVID-19 vaccine uptake?*, Drexel University, Department of Biostatistics and Epidemiology, Philadelphia, PA, April 2023
- *When “representative” surveys fail: The impact of nonresponse bias on estimates of COVID-19 vaccine uptake in two large surveys*, University of Massachusetts, Department of Biostatistics and Epidemiology, Amherst, MA, March 2023
- *Problematic polls and suspect surveys: Assessing the potential for selection bias and nonresponse bias*, Amherst College, Department of Mathematics and Statistics, Amherst, MA, March 2023
- *An introduction to hot deck imputation for survey data*, U.S. Census Bureau’s Economic Area Methodology Seminar, Virtual, September 2022
- *New measures for assessing non-ignorable selection bias in non-probability samples and low response rate probability samples*, Federal Committee on Statistical Methodology 2022 Research and Policy Conference, Washington, D.C., October 2022
- *Using an ethics course as a gateway to DEI discussions in biostatistics*, Joint Statistical Meetings, Washington, D.C., August 2022
- *Measures of selection bias for proportions estimated from non-probability samples, with application to polling data*, 5-day Banff International Research Station workshop, Kelowna, British Columbia, May 2022 (talk given virtually)
- *An evaluation of 2020 pre-election polling estimates using new measures of non-ignorable selection bias*, University of Michigan Department of Biostatistics 70th Anniversary Conference, Ann Arbor, MI, May 2022
- *Applying non-ignorable missing data methods to U.S. election polling data*, Missing Data Workshop, University of Maryland, College Park, MD, March 2022

- *Measures of selection bias for proportions estimated from non-probability samples*, Yale School of Public Health, Department of Biostatistics, Virtual, November 2021
- *Imputation vis-a-vis research standards in clearinghouses* (Panelist), Joint Statistical Meetings, Virtual, August 2021
- *Nearest neighbor multiple imputation: Problems and potential solutions*, Sixth International Conference on Establishment Surveys (ICES VI), Virtual, June 2021 (2020 conference postponed due to COVID-19)
- *Teaching biostatistics to non-majors (2-hour workshop)* (with M Zawistowski), University of Michigan Department of Biostatistics, Ann Arbor, MI, October 2019
- *Communication in the digital age: Successes and challenges of online communication* (Panelist), 2019 Women in Statistics and Data Science Conference, Bellevue, WA, October 2019
- *Finding a flexible hot deck imputation method for multinomial data*, Joint Statistical Meetings, Denver CO, August 2019
- *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
- *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

- *Working with What's Missing: Ethical Strategies for Incomplete Data*, OSU Center for Ethics and Human Values, CARE Panel (Conversations About Research Ethics), Virtual, February 2026
- *Problematic polls and suspect surveys: Assessing the potential for non-ignorable selection and nonresponse bias*, OSU Institute for Population Research Seminar, Columbus, OH, September 2024

- *The human element: Lessons from an ethics in biostatistics course* (with A Shoben), OSU Statistics Seminar, Columbus, OH, April 2024
- *Assessment plans in the curricular approval process* (with E Bielefeld), OSU Assessment Conference, Columbus, OH, October 2021
- *Tools for assessing online instruction: Measuring teacher “effectiveness”* (with R Denby-Brinson and D Palmer), OSU Assessment Conference (seminar series), Virtual, January 2021
- *Measures of selection bias for proportions estimated from non-probability samples*, OSU Quantitative Psychology Colloquium, Columbus, OH, February 2020
- *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*, Institute for 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

- *Multiple imputation methods for group-based interventions*, NIH Office of Disease Prevention Mind the Gap Webinar Series, June 2022
- *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

Invited: Podcasts

- *Dealing with Selection Bias in Surveys with Rod Little, Rebecca Andridge and Brady West*, AAPOR’s Public Opinion Podcast (POP), December 2025

Contributed

- *Sensitivity analyses for nonignorable selection bias when estimating subgroup parameters in nonprobability samples*, Joint Statistical Meetings, Nashville, TN, August 2025 (Topic Contributed)
- *Extending measures of non-ignorable selection bias for non-probability samples to ordinal and nominal outcomes*, American Association for Public Opinion Research (AAPOR) Annual Conference, St. Louis, MO, May 2025 (Peer-reviewed)
- *Using an index of non-ignorable selection bias (MUBP) to evaluate and compare probability-based and opt-in online samples*, American Association for Public Opinion Research (AAPOR) Annual Conference, Atlanta, GA, May 2024 (Peer-reviewed)
- *A validation of the proxy pattern mixture model using benchmark data: Assessing nonresponse bias in estimates of COVID-19 vaccine uptake in two large surveys*, American Association for Public Opinion Research (AAPOR) Annual Conference, Philadelphia, PA, May 2023 (Peer-reviewed)
- *An evaluation of 2020 pre-election polling estimates using new measures of non-ignorable selection bias in survey estimates of proportions*, American Association for Public Opinion Research (AAPOR) Annual Conference, Chicago, IL, May 2022 (Peer-reviewed)

- *Nearest neighbor multiple imputation: Problems and potential solutions*, Joint Statistical Meetings, Virtual, August 2020 (Topic Contributed)
- *Integrating survey sampling and methodology in crowded professional curricula*, American Association for Public Opinion Research (AAPOR) Annual Conference, Virtual, June 2020 (Peer-reviewed)
- *Measures of selection bias for proportions estimated from non-probability samples*, American Association for Public Opinion Research (AAPOR) Annual Conference, Toronto, Ontario, 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 (Peer-reviewed)
- *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 Posters

- *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 Co-Authored Presentations

- *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

- *Online Panel on Teaching (with K Grinde)*, BIOS 834: Pedagogical Methods for Biostatistics Courses, University of Michigan School of Public Health, 3/2024
- *Guest speaker discussing missing data and imputation methods*, VETPREV 8725: Quantitative Methods Capstone, The Ohio State University, 1/2023
- *Online Panel on Teaching (with N Tittle)*, BIOS 834: Pedagogical Methods for Biostatistics Courses, University of Michigan School of Public Health, 3/2022
- *Perspectives from the Field: Ohio Pregnancy/Parenting Surveys (with M Menegay)*, PUBHEPI 6431: Design & Implementation of Health Surveys, The Ohio State University, 12/2021
- *Guest speaker discussing teaching with focus on online teaching*, PUBHEPI 8899.02: Doctoral Seminar in Epidemiology: Teaching Methods, The Ohio State University, 11/2021; 9/2021; 10/2022
- *What is Biostatistics?*, PUBHLTH 1100: Survey of Public Health, The Ohio State University, 11/2025; 10/2024; 10/2022; 10/2021; 9/2020; 9/2019; 10/2018; 12/2016; 11/2015; 11/2014; 9/2013
- *Biostatistics: Describing Data*, Med 1 (First Year Medical School), The Ohio State University, 9/2012
- *Design and Analysis of Group Randomized Trials*, PUBHEPI 710: Principles of Epidemiology, The Ohio State University, 6/2010
- *Proxy Pattern-Mixture Analysis for Survey Nonresponse*, BIOSTAT 682: Applied Bayesian Inference, University of Michigan, 4/2009

CONSULTING

- **USDA NASS Technical Working Group** (convened by Summit Consulting) 08/2021–6/2024
Member of 5-person expert working group providing advice on development and implementation of a next generation edit and imputation system for all USDA NASS surveys.
- **NIH R15** (PI: Xing, Clemson University) 06/2022–6/2023
Exploration of the hypothesis-generation process as guided by secondary data analysis in clinical research: Can the process be more efficient?
Consultant providing feedback on hypothesis quality evaluation procedure and serving as expert panel member evaluating generated hypotheses
- **NIH/NHLBI R01** (PI: Robbins, Michigan State University) 07/2013-06/2015
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

University (Ohio State)

- Co-Chair, Higher Learning Commission (HLC) Coordinating Committee, 2025 – present
- Member, University Level Advisory Committee for General Education (ULAC), 2024 – present
- Member, OAA Curriculum Handbook Review Committee, 2024 – 2025
- Member, Search Advisory Committee for Dean of the College of Public Health, 2023 – 2024
- Member, Student Evaluation of Instruction (SEI) Subcommittee, Council on Academic Affairs, 2023 – present
- Member (Chair 2022-2023), Council on Academic Affairs, 2017 – 2023
- Member, General Education Themes Review Panel, 2023 – present
- Member, Enrollment Policies and Student Transitions Working Group (OSU Office of Strategic Enrollments Management), 2023 – 2024
- Member, General Education Fiscal Oversight Committee, 2021 – 2024
- Faculty Champion for Interprofessional Practice and Education (representing Public Health), 2021 – 2022
- 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 – 2018
- 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 (Ohio State)

- Chair, Undergraduate Academic Programs Committee, 2024 – present
- Member, Strategic Planning Steering Committee, 2026 (Co-lead, Academics workgroup)
- Chair, MPH Integrated Foundational Curriculum Workgroup, 2024
- Member (Chair 2023-2024), Peer Teaching Evaluation Committee, 2022 – 2024
- Member, CPH Awards and Scholarship Committee, 2021 – 2022
- Member (Chair 2018-2021), Undergraduate Studies Committee, 2012 – 2014, 2016 – 2021
- Member, Workgroup for Integrated MPH Core, 2019 – 2021
- Member, CPH Strategic Plan Steering Committee, 2019 – 2020 (Co-lead, Educational Excellence and Innovation workgroup)
- Co-Director, Public Health Honors Program, 2016 – 2018

- Member, BSPH Honors Committee, 2016 – 2018
- 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 (Ohio State)

- Member, PhD Program in Biostatistics Admissions Committee, 2011 – 2014, 2023 – 2024
- Member, PhD Program in Biostatistics Qualifying Exam 2 Committee, 2024 – present
- Mentor, Biostatistics PhD Student Mentoring Program, 2020 – 2022
- 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, Division of Biostatistics Faculty Search Committee, 2011 – 2013

Department (Michigan)

- 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 – 2024
- Associate Editor, *Journal of Official Statistics*, 2012 – 2024

Committee and Board Membership

Statistics Organizations

- Member, Statistics Canada’s Advisory Committee on Statistical Methods, 2024 – present
- Co-Chair, Advisory Board, *Journal of Survey Statistics and Methodology*, American Statistical Association, 2020 – 2025
- Member, Bureau of Labor Statistics Technical Advisory Committee, 2023 – 2025
- Treasurer, American Statistical Association, Survey Research Methods Section, 2023 – 2024 (*elected position*)
- Education Officer, American Statistical Association, Survey Research Methods Section, 2017 – 2018 (*elected position*)
- Secretary, American Statistical Association, Survey Research Methods Section, 2012 – 2013 (*elected position*)

Conference Program Committees

- Member, Program Committee, Seventh International Conference on Establishment Surveys (ICES VII), 2022 – 2024

- Member, Program Committee, Sixth International Conference on Establishment Surveys (ICES VI), 2017 – 2021
- Member, Scientific Program Committee (SRMS Representative), ENAR 2015 Spring Meeting, 2013 – 2015

Other Organizations

- Member, Behavior Risk Factor Surveillance System (BRFSS) Expert Panel, Centers for Disease Control and Prevention, 2019 – 2024
- Member, Cancer Care Delivery Research Steering Committee, National Cancer Institute, 2015 – 2022
- Member, External Advisory Board, Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Program, OSU Nisonger Center, 2012 – 2019

Data Safety and Monitoring Board (DSMB) Membership

- DSMB Member, National Institute of Aging IMPACT (Imbedded Pragmatic Alzheimer’s Disease (AD) and AD-Related Dementias (AD/ADRD) Clinical Trial) Collaboratory (U54AG063546), 2022 – present
- DSMB Member, National Institute of Dental and Craniofacial Research, study: “Opioid Analgesic Reduction Study (OARS): Managing Acute Post-Operative Surgical Pain”, 2022 – 2023
- DSMB Member, National Institute of Dental and Craniofacial Research, study: “De-Implementing Opioid Use and Implementing Optimal Pain Management Following Dental Extractions”, 2019 – 2023

Formal Mentoring Activities

- Mentor, ASA Section on Statistics and Data Science Education Mentoring Program, 2021 – 2022
I served as a mentor for an early career statistics faculty member at another institution

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 (3), Biometrical Journal (2), Biometrics (1), BMC Medical Research Methodology (5), Breast Cancer: Basic and Clinical Research (1), The BMJ (1), Canadian Journal of Statistics (4), Clinical Trials (1), Econometrics and Statistics (1), Epidemiology (3), Evaluation Review (1), Forensic Anthropology (2), International Statistical Review (2), Journal of Applied Statistics (5), 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 (3), Journal of the Royal Statistical Society, Series C (2), Journal of Statistical Education (1), Journal of Survey Statistics and Methodology (2), Multivariate Behavioral Research (3), PLOS One (1), Psychological Methods (1), RTI Press (1), Sociological Methods and Research (1), Statistical Methods in Medical Research (11), Statistics in Medicine (19), Survey Methodology (4), Technology, Knowledge and Learning (1)

Conference Activities

- Discussant, Invited Session, *The Positive Power of Generative AI: Using AI for “Good” In Statistics Classrooms*, Joint Statistical Meetings, Portland, OR, 2024

- Organizer, Invited Session, *Curricular innovations for formal training in the soft-skills of biostatistical collaboration*, Joint Statistical Meetings, Toronto, Ontario, 2023
- Organizer and Chair, Invited Session, *Teaching communication skills to biostatistics students across different contexts*, Joint Statistical Meetings, Toronto, Ontario, 2023
- Discussant, Invited Session, *Critical race theory for statisticians: Incorporating CRT into statistical analyses*, Joint Statistical Meetings, Toronto, Ontario, 2023
- Chair, Topic-Contributed Session, *Obtaining informative estimates of rare characteristics: Topics in sampling and estimation of rare or difficult to enumerate populations*, Joint Statistical Meetings, Toronto, Ontario, 2023
- Chair, Contributed Session, *Survey modes and measurement error*, Joint Statistical Meetings, Vancouver, British Columbia, 2018
- Organizer and Chair, Topic-Contributed Panel Session, *Teaching biostatistics online: A discussion and debate of problems and solutions*, Joint Statistical Meetings, Baltimore, MD, 2017
- Chair, Contributed Session, *Design and analysis issues with modern population telephone surveys*, Joint Statistical Meetings, Chicago, IL, 2016
- Chair, Contributed Session, *Variance estimation*, Joint Statistical Meetings, Miami, FL, 2011
- Organizer, Invited Session, *Statistics and international health: Methods for surveillance, monitoring and management*, American Public Health Association Annual Meeting, 2010
- Chair, Contributed Session, *Survey models for causal estimation, calibration, and Bayesian estimation*, Joint Statistical Meetings, Vancouver, British Columbia, 2010 ## STUDENT ADVISING

STUDENT ADVISING

All are at The Ohio State University unless otherwise specified

PhD Dissertation Advisor

- **Seth Adarkwah Yiadom**, Biostatistics, 2022 – present
 - Current Status: Post-Candidacy
- **Brittney Bailey**, Biostatistics, 2016 – 2018 (Co-advisor with Dr. Abigail Shoben)
 - Dissertation: *Data Analysis and Multiple Imputation for Two-Level Nested Designs*
 - Current Position: Assistant Professor (tenure-track), Amherst College
- **David Kline**, Biostatistics, 2013 – 2015 (Co-advisor with Dr. Eloise Kaizar)
 - Dissertation: *Systematically Missing Subject-Level Data in Longitudinal Research Synthesis*
 - Current Position: Associate Professor (tenured), Department of Biostatistics and Data Science, Wake Forest School of Medicine
- **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: Associate Director, Statistics, Neuroscience at Takeda

PhD Dissertation Committee Member

- Sergio Martinez, Michigan Program in Survey and Data Science (University of Michigan), 2026 – present
- Maria Pacheco Garrillo, Health Behavior and Health Promotion, 2025 – present
- Megan Fisher, Clinical Psychology, 2025 – present
- Georgia Sasser, Health Behavior and Health Promotion, 2025 – present
- Lingpeng (Andrew) Shan, Biostatistics, 2024 – present

- Sean Tomlin, Biostatistics, 2024 – 2025
- Alyssa Farmer, Biostatistics, 2022 – 2023
- Amanda Luff, Epidemiology, 2021 – 2023
- Mahmood Alalwan, Epidemiology, 2021 – 2023
- Nikki Schnitzler, Statistics, 2021 – 2022
- Ana Sucaldito, Health Behavior and Health Promotion, 2020 – 2022
- Joyce Rudy, Epidemiology, 2020 – 2024
- Li Li, Epidemiology, 2019 – 2021
- Kat Krupsky, Epidemiology, 2020 – 2021
- Michelle Menegay, Epidemiology, 2019 – 2021
- Kate Ormiston, Human Nutrition, 2019 – 2020
- 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

PhD Candidacy Exam Committee Member

- Patrick McHugh, Statistics, 2025
- Fandi Chang, Biostatistics, 2025 – present
- Maria Pacheco Garrillo, Health Behavior and Health Promotion, 2025
- Lingpeng (Andrew) Shan, Biostatistics, 2024
- Sean Tomlin, Biostatistics, 2023 – 2024
- Alyssa Farmer, Biostatistics, 2022
- Kenya Moyers, Epidemiology, 2021 – 2023
- Amanda Luff, Epidemiology, 2021
- Nikki Schnitzler, Statistics, 2021
- Mahmood Alalwan, Epidemiology, 2020 – 2021
- Ana Sucaldito, Health Behavior and Health Promotion, 2019 – 2020
- Kat Krupsky, Epidemiology, 2019 – 2020
- Joyce Rudy, Epidemiology, 2018 – 2020
- Li Li, Epidemiology, 2018 – 2019
- 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

MS Thesis/MPH Project Advisor

- Blake Madison, Biostatistics MS, 2024 – 2025
- Roy Chang, Biostatistics MS, 2024 – 2025
- Kyle Jagodinski, Biostatistics MPH, 2024 – 2025
- Gladys Gibbs, Program for Experienced Professionals (PEP) MPH, 2024
- JC Chen, Biostatistics MPH, 2024
- Celia Ligorski, Biostatistics MPH, 2023 – present
- Samantha Hicks, Program for Experienced Professionals (PEP) MPH, 2023
- Portia Kyei, Biostatistics MPH, 2022 – 2023
- Ashleigh Keiter, Biostatistics MS, 2019 – 2020
- John Myers, Biostatistics MS, 2017 – 2019
- Ann Nwosu, Biostatistics MS, 2016 – 2017
- Jason Benedict, Biostatistics MS, 2015 – 2016
- Erica Esposito, Program for Experienced Professionals (PEP) MPH, 2012 – 2013
- Tara Carmack, Biostatistics MS, 2010 – 2012
- Mahmoud Abdel-Rasoul, Biostatistics MS, 2010 – 2011
- Dale Rhoda, Biostatistics MS, 2009 – 2011
- Tatiana Gavrilina, Biostatistics MPH, 2009 – 2011

MS Thesis/MPH Project Committee Member

- Alex Tranovich, Program for Experienced Professionals (PEP) MPH, 2025
- Patrick Quinn, Biomedical Informatics MPH, 2024 – 2025
- Monica Stanwick, Health Behavior Health Promotion MPH, 2024 – 2025
- Sofia Negash, Biomedical Informatics MPH, 2024
- Peng Peng Kuang, Biostatistics MS, 2024
- Dimitra Herbei, Biostatistics MS, 2024
- Josh Meligari, Epidemiology MPH, 2023 – 2024
- Sean Puscas, Biomedical Informatics MS, 2023
- Jillian Randolph, Health Behavior Health Promotion MPH, 2023
- Laura Sullivan, Program for Experienced Professionals (PEP) MPH, 2023
- Eliana Burlotos, Epidemiology MPH, 2022 – 2023
- Samuel Gagne, Biomedical Informatics MPH, 2022 – 2023
- Natalie Zaborski, Health Behavior Health Promotion MPH, 2022 – 2023
- Emily Ward, Health Behavior Health Promotion MPH, 2022

- Kathryn Poppe, Health Behavior Health Promotion MPH, 2021 – 2022
- Gabrielle Tharp, Epidemiology MPH, 2021 – 2022
- Elizabeth Duraney (Herring), Psychology MS, 2020
- Susan Rymut, Human Nutrition MS, 2018 – 2019
- Nicholas Pondel, Biomedical Informatics MPH, 2018 – 2019
- Sophia Fisher, Health Behavior Health Promotion MPH, 2018 – 2019
- W. Thomas Whitlow, Program for Experienced Professionals (PEP) MPH, 2017 – 2018
- Jenna Brophy, Health Behavior Health Promotion MPH, 2017 – 2018
- Kayla Orso, Veterinary Public Health MPH, 2017 – 2018
- Sarah Asad, Epidemiology MPH, 2017 – 2018
- Garrett Hunt, Program for Experienced Professionals (PEP) MPH, 2017
- Erin Osborne, Veterinary Public Health MPH, 2017
- Leah Mitchell, Health Behavior Health Promotion MPH, 2016 – 2017
- Kylie Thompson, Human Nutrition MS, 2016 – 2017
- Kristen Arnold, Human Nutrition MS, 2015 – 2016
- Sara Conroy, Biostatistics MS, 2015
- Wenna Xi, Biostatistics MS, 2013 – 2014
- Amelia Kaeding, Veterinary Public Health MPH, 2012
- Emily Diener, Veterinary Public Health MPH, 2011 – 2012
- Helen Michelle Byrd, Epidemiology MPH, 2011
- Patricia Carr, Epidemiology MPH, 2011
- Jennifer Dotson, Clinical Investigations MPH, 2011
- Brian Palmer, Biostatistics MPH, 2009 – 2011
- Jonathan Kanam, Epidemiology MPH, 2010
- Abby Monnin, Veterinary Public Health MPH, 2010
- Mi-Hyun Chang, Biostatistics MPH, 2009 – 2010

Undergraduate Honors Thesis Advisor

- Maddie Drenkhan, Public Health Sociology, 2017 – 2018

Undergraduate Honors Thesis Committee Member

- 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

- Jared Stoneman, Biostatistics MPH, 2017 – 2018
- Joshua Smith, Biostatistics MS, 2016 – 2018
- Yiran Zhang, Biostatistics Ph.D., 2015 – 2017
- Lu Chen, Biostatistics MPH, 2016
- Weiwei Jiao, Biostatistics MPH, 2016
- Jeremy Tan, Biostatistics MPH, 2016
- Sara Conroy, Biostatistics MS, 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 MPH, 2009 – 2010

Research Assistant Supervisor

- 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 – 2018
- 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

- M D’Urso, Economics, 2025
- Q Ashraf, Molecular Cellular and Developmental Biology, 2024
- M Diabate, Biomedical Sciences Graduate Program, 2023
- S Paul, Chemistry, 2022
- S Walujkar, Chemical Physics, 2021
- D Snoke, Nutrition, 2020
- W Little, Greek and Latin, 2019
- E Panczyk, Chemistry and Biochemistry, 2018 (Candidacy Exam)
- K Snider, Neuroscience, 2016 (Candidacy Exam)
- J Carter, Social Work, 2015
- R Singh, Biochemistry, 2013
- M-F Chiang, Family Resource Management, 2012

Ph.D. Dissertation External Examiner (non-U.S. institutions)

- A Arletti, “Inference with non-ignorable selection bias: A neural network approach for online electoral polls,” Università degli Studi di Padova (Supervisors: ML Tanturri and O Paccagnella), 2025
- A-D Hazewinkel, “Identifying and adjusting for bias due to missing outcome values in randomised controlled trials,” Faculty of Health Sciences, University of Bristol (Supervisor: K Tilling), 2023

PROFESSIONAL MEMBERSHIPS

- American Association for Public Opinion Research (AAPOR), 2018 – present
- American Statistical Association (ASA), 2007 – present
- American Public Health Association (APHA), 2014 – 2022, 2025 – present
- International Biometrics Society, Eastern North American Region (ENAR), 2009 – 2017