

Ann Von Holle

POPULATION HEALTH SCIENTIST

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Education

University of North Carolina at Chapel Hill

Chapel Hill, NC

PH.D., EPIDEMIOLOGY

Thesis: Infant Growth Trajectories and Lipid Levels in Adolescence

University of Pennsylvania

Philadelphia, PA

M.A., DEMOGRAPHY

University of North Carolina at Chapel Hill

Chapel Hill, NC

M.S., BIostatISTICS

Johns Hopkins University

Baltimore, MD

M.H.S., POPULATION DYNAMICS

University of California, San Diego

San Diego, CA

B.A., APPLIED MATHEMATICS

Research Experience

Optum Genomics

Remote

ASSOCIATE RESEARCH DIRECTOR

2023-present

- Contribute to evidence generation research relating to analytical and clinical molecular diagnostic test validity by analyzing medical claims data and estimating costs, procedure counts, and probabilities
- Plan, conduct, and summarize results from decision analytic modeling to estimate health and economic outcomes, incorporating clinical validity measures, simulations, and claims data sources
- Collaborate on writing white papers relating to analytical and clinical validity of lab developed tests for screening and pharmacogenomics
- Conduct literature reviews relating to molecular diagnostic test quality
- Document analytical work with R markdown reports and maintain scripts using Git and GitHub

National Institute of Environmental Health Sciences

Research Triangle Park, NC

POSTDOCTORAL FELLOW

2018-present

Biostatistics and Computational Biology Branch, Advisor: Clarice R. Weinberg

- **Research topics:** Breast cancer outcomes and biomarkers
- Conceptualized overarching research goals and hypotheses, developed analysis plans, conducted formal analyses, and wrote formal epidemiological research manuscripts
- Communicated research project findings internally and at national conferences
- Applied state-of-the-art time-to-event analysis, longitudinal mixed-effects models, machine learning, meta-analyses, and data visualization approaches in epidemiologic observational research relating to breast cancer outcomes and biomarker exposures
- Conducted large-scale data analyses using a high performance computing environment
- Mentored graduate and undergraduate students to develop analysis plans, conduct epidemiological research, and present results for NIH training programs

Department of Epidemiology, Advisor: Kari E. North

- **Dissertation topics:** Infant anthropometric growth as 1) a factor associated with sociodemographic risk factors, 2) an exposure hypothesized to modify lipid levels in adolescence and 3) an effect modifier of the association between genetic risk variants and lipid levels
- Conceived scientific hypotheses, developed analysis plans, analyzed observational cohort data, and wrote manuscripts
- Applied structural equation models, factor analysis, and non-linear random effects models to estimated different patterns of infant growth and their association with lipid levels in adolescence
- Documented all writing and statistical analytic work with reproducible reports written in R, Markdown and LaTeX and tracked in Git

Department of Psychiatry, Center of Excellence for Eating Disorders (CEED)

- Collaborated in the planning and interpretation of statistical analyses for research papers authored by faculty, post-doctoral fellows, graduate students and undergraduate students
- Analyzed observational, clinical trial, and medical record data with regression and structural equation models in SAS and R
- Wrote the statistical methods sections, prepared data visualizations, and ensured data integrity for peer-reviewed manuscripts

Publications

JOURNAL ARTICLES

*Indicates student's work for which I was a mentor. †Indicates equal authorship

1. **Assessment of Iron Status**
Von Holle A
Current Opinion in Clinical Nutrition & Metabolic Care. (2024), doi: 10.1097/MCO.0000000000001050
2. **BMI and Breast Cancer Risk around Age at Menopause**
Von Holle A, Adami HO, Baglietto L, Berrington A, Bertrand KA, Blot W, Chen Y, DeHart JC, Dossus L, Eliassen AH, Fournier A, Garcia-Closas M, Giles G, Guevara M, Hankinson SE, Heath A, Jones ME, Joshi CE, Kaaks R, Kirsh VA, Kitahara CM, Koh WP, Linet MS, Park HL, Masala G, Mellemkjaer L, Milne RL, O'Brien KM, Palmer JR, Riboli E, Rohan TE, Shrubsole MJ, Sund M, Tamimi R, Tin Tin S, Visvanathan K, Vermeulen RC, Weiderpass E, Willett WC, Yuan JM, Zeleniuch-Jacquotte A, Nichols HB, Sandler DP, Swerdlow AJ, Schoemaker MJ, and Weinberg CR
Cancer Epidemiology. 89 (2024) :102545, doi: 10.1016/j.canep.2024.102545
3. **Seasonal Patterns in Trace Elements Assessed in Toenails**
Wojcik, Kaitlyn M.*†, **Von Holle, Ann**†, O'Brien KM, White AJ, Karagas MR, Levine KE, Jackson BP, and Weinberg CR
Environmental Advances. 15 (2024) :100496, doi: 10.1016/j.envadv.2024.100496
4. **Toenail and Serum Levels as Biomarkers of Iron Status in Pre- and Postmenopausal Women: Correlations and Stability over Eight-Year Follow-Up**
Von Holle, Ann, O'Brien KM, Sandler DP, Janicek R, Karagas MR, White AJ, Niehoff NM, Levine KE, Jackson BP, and Weinberg CR
Scientific Reports. 14 (2024) :1682, doi: 10.1038/s41598-023-50506-5
5. **Associations between Serum Iron Biomarkers and Breast Cancer Tumor Size**
Von Holle, Ann, Thompson, Rachel L.* , O'Brien KM, Sandler DP, and Weinberg CR
Cancer Research Communications. (2023), doi: 10.1158/2767-9764.CRC-23-0205
6. **Development and Validation of a Prediction Model for Iron Status in a Large U.S. Cohort of Women**
Von Holle, Ann, O'Brien KM, Janicek R, and Weinberg CR
Scientific Reports. 13 (2023) :17309, doi: 10.1038/s41598-023-42993-3
7. **Infant Growth Trajectories and Lipid Levels in Adolescence: Evidence From a Chilean Infancy Cohort**
Von Holle A, North KE, Gahagan S, Blanco E, Burrows R, Lozoff B, Howard AG, Justice AE, Graff M, and Voruganti S
American Journal of Epidemiology. (2022) :kwac057, doi: 10.1093/aje/kwac057
8. **Does This Adult Patient Have Hypertension?: The Rational Clinical Examination Systematic Review.**
Viera AJ, Yano Y, Lin FC, Simel DL, Yun J, Dave G, **Von Holle A**, Viera LA, Shimbo D, Hardy ST, Donahue KE, Hinderliter A, Voisin CE, and Jonas DE
JAMA. 326 (2021) :339-47, doi: 10.1001/jama.2021.4533
9. **Evidence for familial clustering in breast cancer age of onset.**
Von Holle A, O'Brien KM, Sandler DP, and Weinberg CR
International Journal of Epidemiology. 50 (2021) :97-104, doi: 10.1093/ije/dyaa201

10. **Association Between Serum Iron Biomarkers and Breast Cancer.**
Von Holle A, O'Brien KM, Sandler DP, Janicek R, and Weinberg CR
 Cancer Epidemiology, Biomarkers & Prevention. 30 (2021) :422–5, doi: 10.1158/1055-9965.EPI-20-0715
11. **Sociodemographic predictors of early postnatal growth: evidence from a Chilean infancy cohort.**
Von Holle A, North KE, Gahagan S, Burrows RA, Blanco E, Lozoff B, Howard AG, Justice A, Graff M, and Voruganti VS
 BMJ Open. 10 (2020) :e033695, doi: 10.1136/bmjopen-2019-033695
12. **The perils of standardizing infant weight to assess weight change differences across exposure groups.**
Von Holle A, North KE, Tao R, and Gahagan S
 Annals of Epidemiology. 28 (2018) :515–20, doi: 10.1016/j.annepidem.2018.04.006
13. **Psychosocial factors associated with bulimia nervosa during pregnancy: An internal validation study.**
 Watson HJ, **Von Holle A**, Knoph C, Hamer RM, Torgersen L, Reichborn-Kjennerud T, Stoltenberg C, Magnus P, and Bulik CM
 The International Journal of Eating Disorders. 48 (2015) :654–62, doi: 10.1002/eat.22361
14. **The association between internet and television access and disordered eating in a Chinese sample.**
 Peat CM, **Von Holle A**, Watson H, Huang L, Thornton LM, Zhang B, Du S, Kleiman SC, and Bulik CM
 The International Journal of Eating Disorders. 48 (2015) :663–9, doi: 10.1002/eat.22359
15. **Weight-for-length trajectories in the first year of life in children of mothers with eating disorders in a large Norwegian Cohort.**
 Perrin EM, **Von Holle A**, Zerwas S, Skinner AC, Reba-Harrelson L, Hamer RM, Stoltenberg C, Torgersen L, Reichborn-Kjennerud T, and Bulik CM
 The International Journal of Eating Disorders. 48 (2015) :406–14, doi: 10.1002/eat.22290
16. **Developmental trajectories of postpartum weight 3 years after birth: Norwegian Mother And Child Cohort study.**
 Abebe DS, Von Soest T, **Von Holle A**, Zerwas SC, Torgersen L, and Bulik CM
 Maternal and Child Health Journal. 19 (2015) :917–25, doi: 10.1007/s10995-014-1593-x
17. **Eating Disorders, Pregnancy, and the Postpartum Period: Findings from the Norwegian Mother and Child Cohort Study (MoBa)**
 Watson HJ, Torgersen L, Zerwas S, Reichborn-Kjennerud T, Knoph C, Stoltenberg C, Siega-Riz AM, **Von Holle A**, Hamer RM, Meltzer H, Ferguson EH, Haugen M, Magnus P, Kuhns R, and Bulik CM
 Norsk Epidemiologi = Norwegian Journal of Epidemiology. 24 (2014) :51–62, doi: 10.5324/nje.v24i1-2.1758
18. **Gestational and postpartum weight change patterns in mothers with eating disorders.**
 Zerwas SC, **Von Holle A**, Perrin EM, Cockrell Skinner A, Reba-Harrelson L, Hamer RM, Stoltenberg C, Torgersen L, Reichborn-Kjennerud T, and Bulik CM
 European Eating Disorders Review. 22 (2014) :397–404, doi: 10.1002/erv.2314
19. **Childhood anxiety trajectories and adolescent disordered eating: findings from the NICHD Study of Early Child Care and Youth Development.**
 Zerwas S, **Von Holle A**, Watson H, Gottfredson N, and Bulik CM
 The International Journal of Eating Disorders. 47 (2014) :784–92, doi: 10.1002/eat.22318
20. **Binge eating and menstrual dysfunction.**
 Algars M, Huang L, **Von Holle AF**, Peat CM, Thornton LM, Lichtenstein P, and Bulik CM
 Journal of Psychosomatic Research. 76 (2014) :19–22, doi: 10.1016/j.jpsychores.2013.11.011
21. **NURTURE: development and pilot testing of a novel parenting intervention for mothers with histories of an eating disorder.**
 Runfola CD, Zucker NL, **Von Holle A**, Mazzeo S, Hodges EA, Perrin EM, Bentley ME, Ulman TF, Hoffman ER, Forsberg S, Algars M, Zerwas S, Pisetsky EM, Taico C, Kuhns RA, Hamer RM, and Bulik CM
 The International Journal of Eating Disorders. 47 (2014) :1–12, doi: 10.1002/eat.22178
22. **Binge eating, body mass index, and gastrointestinal symptoms.**
 Peat CM, Huang L, Thornton LM, **Von Holle AF**, Trace SE, Lichtenstein P, Pedersen NL, Overby DW, and Bulik CM
 Journal of Psychosomatic Research. 75 (2013) :456–61, doi: 10.1016/j.jpsychores.2013.08.009
23. **Remission, continuation and incidence of eating disorders during early pregnancy: a validation study in a population-based birth cohort.**
 Watson HJ, **Von Holle A**, Hamer RM, Knoph Berg C, Torgersen L, Magnus P, Stoltenberg C, Sullivan P, Reichborn-Kjennerud T, and Bulik CM
 Psychological medicine. 43 (2013) :1723–34, doi: 10.1017/S0033291712002516
24. **Factors associated with recovery from anorexia nervosa.**
 Zerwas S, Lund BC, **Von Holle A**, Thornton LM, Berrettini WH, Brandt H, Crawford S, Fichter MM, Halmi KA, Johnson C, Kaplan AS, La Via M, Mitchell J, Rotondo A, Strober M, Woodside DB, Kaye WH, and Bulik CM
 Journal of Psychiatric Research. 47 (2013) :972–9, doi: 10.1016/j.jpsychires.2013.02.011
25. **A double-blind, randomized pilot trial of chromium picolinate for binge eating disorder: results of the Binge Eating and Chromium (BEACH) study.**
 Brownley KA, **Von Holle A**, Hamer RM, La Via M, and Bulik CM
 Journal of Psychosomatic Research. 75 (2013) :36–42, doi: 10.1016/j.jpsychores.2013.03.092
26. **Course and predictors of maternal eating disorders in the postpartum period.**
 Knoph C, **Von Holle A**, Zerwas S, Torgersen L, Tambs K, Stoltenberg C, Bulik CM, and Reichborn-Kjennerud T
 The International Journal of Eating Disorders. 46 (2013) :355–68, doi: 10.1002/eat.22088

27. **Body dissatisfaction in women across the lifespan: results of the UNC- SELF and Gender and Body Image (GABI) studies.**
Runfola CD, **Von Holle A**, Trace SE, Brownley KA, Hofmeier SM, Gagne DA, and Bulik CM
European Eating Disorders Review. 21 (2013) :52–9, doi: 10.1002/erv.2201
28. **Characteristics of women with body size satisfaction at midlife: results of the Gender and Body Image (GABI) Study.**
Runfola CD, **Von Holle A**, Peat CM, Gagne DA, Brownley KA, Hofmeier SM, and Bulik CM
Journal of Women & Aging. 25 (2013) :287–304, doi: 10.1080/08952841.2013.816215
29. **Eating disorder symptoms and weight and shape concerns in a large web- based convenience sample of women ages 50 and above: results of the Gender and Body Image (GABI) study.**
Gagne DA, **Von Holle A**, Brownley KA, Runfola CD, Hofmeier S, Branch KE, and Bulik CM
The International Journal of Eating Disorders. 45 (2012) :832–44, doi: 10.1002/eat.22030
30. **Sleep disturbances and binge eating disorder symptoms during and after pregnancy.**
Ulman TF, **Von Holle A**, Torgersen L, Stoltenberg C, Reichborn-Kjennerud T, and Bulik CM
Sleep. 35 (2012) :1403–11, doi: 10.5665/sleep.2124
31. **Maternal eating disorders and infant temperament: findings from the Norwegian mother and child cohort study.**
Zerwas S, **Von Holle A**, Torgersen L, Reichborn-Kjennerud T, Stoltenberg C, and Bulik CM
The International Journal of Eating Disorders. 45 (2012) :546–55, doi: 10.1002/eat.20983
32. **Disordered eating and suicidal intent: the role of thin ideal internalisation, shame and family criticism.**
Unikel C, **Von Holle A**, Bulik CM, and Ocampo R
European Eating Disorders Review. 20 (2012) :39–48, doi: 10.1002/erv.1070
33. **Gestational weight gain of women with eating disorders in the Norwegian pregnancy cohort.**
Siega-Riz AM, **Von Holle A**, Haugen M, Meltzer HM, Hamer R, Torgersen L, Berg CK, Reichborn-Kjennerud T, and Bulik CM
The International Journal of Eating Disorders. 44 (2011) :428–34, doi: 10.1002/eat.20835
34. **Posttraumatic stress disorder in anorexia nervosa.**
Reyes-Rodriguez ML, **Von Holle A**, Ulman TF, Thornton LM, Klump KL, Brandt H, Crawford S, Fichter MM, Halmi KA, Huber T, Johnson C, Jones I, Kaplan AS, Mitchell JE, Strober M, Treasure J, Woodside DB, Berrettini WH, Kaye WH, and Bulik CM
Psychosomatic Medicine. 73 (2011) :491–7, doi: 10.1097/PSY.0b013e31822232bb
35. **Eating disorders and trauma history in women with perinatal depression.**
Meltzer-Brody S, Zerwas S, Leserman J, **Von Holle A**, Regis T, and Bulik C
Journal of Women's Health. 20 (2011) :863–70, doi: 10.1089/jwh.2010.2360
36. **Dietary supplement use immediately before and during pregnancy in Norwegian women with eating disorders.**
Dellava JE, **Von Holle A**, Torgersen L, Reichborn-Kjennerud T, Haugen M, Meltzer HM, and Bulik CM
The International Journal of Eating Disorders. 44 (2011) :325–32, doi: 10.1002/eat.20831
37. **The significance of repetitive hair-pulling behaviors in eating disorders.**
Zucker N, **Von Holle A**, Thornton LM, Strober M, Plotnicov K, Klump KL, Brandt H, Crawford S, Crow S, Fichter MM, Halmi KA, Johnson C, Kaplan AS, Keel P, LaVia M, Mitchell JE, Rotondo A, Woodside DB, Berrettini WH, Kaye WH, and Bulik CM
Journal of Clinical Psychology. 67 (2011) :391–403, doi: 10.1002/jc1p.20770
38. **A description of disordered eating behaviors in Latino males.**
Reyes-Rodriguez ML, Sala M, **Von Holle A**, Unikel C, Bulik CM, Camara-Fuentes L, and Suarez-Torres A
Journal of American College Health. 59 (2011) :266–72, doi: 10.1080/07448481.2010.502205
39. **Disordered eating and substance use among a female sample of Mexican adolescents.**
Unikel C, Root T, **Von Holle A**, Ocampo R, and Bulik CM
Substance Use & Misuse. 46 (2011) :523–34, doi: 10.3109/10826081003725260
40. **Unplanned pregnancy in women with anorexia nervosa.**
Bulik CM, Hoffman ER, **Von Holle A**, Torgersen L, Stoltenberg C, and Reichborn-Kjennerud T
Obstetrics and Gynecology. 116 (2010) :1136–40, doi: 10.1097/AOG.0b013e3181f7efdc
41. **Breastfeeding practice in mothers with eating disorders.**
Torgersen L, Ystrom E, Haugen M, Meltzer HM, **Von Holle A**, Berg CK, Reichborn-Kjennerud T, and Bulik CM
Maternal & Child Nutrition. 6 (2010) :243–52, doi: 10.1111/j.1740-8709.2009.00208.x
42. **Eating disorder symptomatology: prevalence among Latino college freshmen students.**
Reyes-Rodriguez ML, Franko DL, Matos-Lamourt A, Bulik CM, **Von Holle A**, Camara-Fuentes LR, Rodriguez-Anglerio D, Cervantes-Lopez S, and Suarez-Torres A
Journal of Clinical Psychology. 66 (2010) :666–79, doi: 10.1002/jc1p.20684
43. **Ethnic and racial differences in body size perception and satisfaction.**
Kronenfeld LW, Reba-Harrelson L, **Von Holle A**, Reyes ML, and Bulik CM
Body Image. 7 (2010) :131–6, doi: 10.1016/j.bodyim.2009.11.002
44. **Factors Associated with Binge Eating Disorder in Pregnancy.**
Knoph Berg C, Torgersen L, **Von Holle A**, Hamer RM, Bulik CM, and Reichborn-Kjennerud T
The International Journal of Eating Disorders. 44 (2011) :124–33, doi: 10.1002/eat.20797
45. **Patterns of maternal feeding and child eating associated with eating disorders in the Norwegian Mother and Child Cohort Study (MoBa).**
Reba-Harrelson L, **Von Holle A**, Hamer RM, Torgersen L, Reichborn-Kjennerud T, and Bulik CM
Eating Behaviors. 11 (2010) :54–61, doi: 10.1016/j.eatbeh.2009.09.004

46. **Patterns and prevalence of disordered eating and weight control behaviors in women ages 25-45.**
Reba-Harrelson L, **Von Holle A**, Hamer RM, Swann R, Reyes ML, and Bulik CM
Eating and Weight Disorders. 14 (2009) :e190–198, doi: 10.1007/BF03325116
47. **Attitudes toward weight gain during pregnancy: results from the Norwegian mother and child cohort study (MoBa).**
Swann RA, **Von Holle A**, Torgersen L, Gendall K, Reichborn-Kjennerud T, and Bulik CM
The International Journal of Eating Disorders. 42 (2009) :394–401, doi: 10.1002/eat.20632
48. **International Journal of Eating Disorders: Statistical Guidelines.**
Bulik CM, Hamer RM, Crosby R, Root TL, **Von Holle A**, and Thornton L
The International Journal of Eating Disorders. 42 (2009) :193–4, doi: 10.1002/eat.20677
49. **Birth outcomes in women with eating disorders in the Norwegian Mother and Child cohort study (MoBa).**
Bulik CM, **Von Holle A**, Siega-Riz AM, Torgersen L, Lie KK, Hamer RM, Berg CK, Sullivan P, and Reichborn-Kjennerud T
The International Journal of Eating Disorders. 42 (2009) :9–18, doi: 10.1002/eat.20578
50. **Maternal Eating Disorders Influence Sex Ratio at Birth**
Bulik CM, **Von Holle A**, Gendall K, Kveim Lie K, Hoffman E, Mo X, Torgersen L, and Reichborn-Kjennerud T
Acta obstetrica et gynecologica Scandinavica. 87 (2008) :979–81, doi: 10.1080/00016340802334385
51. **Nausea and vomiting of pregnancy in women with bulimia nervosa and eating disorders not otherwise specified.**
Torgersen L, **Von Holle A**, Reichborn-Kjennerud T, Berg CK, Hamer R, Sullivan P, and Bulik CM
The International Journal of Eating Disorders. 41 (2008) :722–7, doi: 10.1002/eat.20564
52. **Psychosocial factors associated with broadly defined bulimia nervosa during early pregnancy: findings from the Norwegian Mother and Child Cohort Study.**
Knoph Berg C, Bulik CM, **Von Holle A**, Torgersen L, Hamer R, Sullivan P, and Reichborn-Kjennerud T
The Australian and New Zealand Journal of Psychiatry. 42 (2008) :396–404, doi: 10.1080/00048670801961149
53. **Attitudes towards anorexia nervosa: the impact of framing on blame and stigma.**
Crisafulli MA, **Von Holle A**, and Bulik CM
The International Journal of Eating Disorders. 41 (2008) :333–9, doi: 10.1002/eat.20507
54. **Nutrient and food group intakes of women with and without bulimia nervosa and binge eating disorder during pregnancy.**
Siega-Riz AM, Haugen M, Meltzer HM, **Von Holle A**, Hamer R, Torgersen L, Knopf-Berg C, Reichborn-Kjennerud T, and Bulik CM
The American Journal of Clinical Nutrition. 87 (2008) :1346–55, doi: 10.1093/ajcn/87.5.1346
55. **Temporal patterns of recovery across eating disorder subtypes.**
Von Holle A, Pinheiro AP, Thornton LM, Klump KL, Berrettini WH, Brandt H, Crawford S, Crow S, Fichter MM, Halmi KA, Johnson C, Kaplan AS, Keel P, La Via M, Mitchell J, Strober M, Woodside DB, Kaye WH, and Bulik CM
The Australian and New Zealand Journal of Psychiatry. 42 (2008) :108–17, doi: 10.1080/00048670701787610
56. **Features associated with diet pill use in individuals with eating disorders.**
Reba-Harrelson L, **Von Holle A**, Thornton LM, Klump KL, Berrettini WH, Brandt H, Crawford S, Crow S, Fichter MM, Goldman D, Halmi KA, Johnson C, Kaplan AS, Keel P, LaVia M, Mitchell J, Plotnicov K, Rotondo A, Strober M, Treasure J, Woodside DB, Kaye WH, and Bulik CM
Eating Behaviors. 9 (2008) :73–81, doi: 10.1016/j.eatbeh.2007.04.001
57. **Maternal eating disorders influence sex ratio at birth.**
Bulik CM, **Von Holle A**, Gendall K, Lie KK, Hoffman E, Mo X, Torgersen L, and Reichborn-Kjennerud T
Acta obstetrica et gynecologica Scandinavica. 87 (2008) :979–81, doi: 10.1080/00016340802334385
58. **Psychosocial Factors Associated with Broadly Defined Bulimia Nervosa during Early Pregnancy: Findings from the Norwegian Mother and Child Cohort Study**
Berg CK, Bulik CM, **Von Holle A**, Torgersen L, Hamer R, Sullivan P, and Reichborn-Kjennerud T
The Australian and New Zealand journal of psychiatry. 42 (2008) :396–404, doi: 10.1080/00048670801961149
59. **Patterns of remission, continuation and incidence of broadly defined eating disorders during early pregnancy in the Norwegian Mother and Child Cohort Study (MoBa).**
Bulik CM, **Von Holle A**, Hamer R, Knoph Berg C, Torgersen L, Magnus P, Stoltenberg C, Siega-Riz AM, Sullivan P, and Reichborn-Kjennerud T
Psychological Medicine. 37 (2007) :1109–18, doi: 10.1017/S0033291707000724
60. **Patterns of menstrual disturbance in eating disorders.**
Poystro Pinheiro A, Thornton LM, Plotnicov KH, Tozzi F, Klump KL, Berrettini WH, Brandt H, Crawford S, Crow S, Fichter MM, Goldman D, Halmi KA, Johnson C, Kaplan AS, Keel P, LaVia M, Mitchell J, Rotondo A, Strober M, Treasure J, Woodside DB, **Von Holle A**, Hamer R, Kaye WH, and Bulik CM
The International Journal of Eating Disorders. 40 (2007) :424–34, doi: 10.1002/eat.20388

IN REVIEW

†Indicates equal authorship

Association between two common SNPs, rs6564851 and rs6420424, and lutein and zeaxanthin levels in a cohort of U.S. women
Von Holle A†, Shi M, O'Brien KM, Sandler DP, Weinberg CR, Park YM†
Frontiers in Nutrition, 2024

Grants and Awards

GRANTS

Individual Pre-Doctoral Fellowship Award (Award: 16PRE29200008)

AMERICAN HEART ASSOCIATION (TOTAL: \$51,900)

2016-2018

AWARDS

Intramural Paper of the Month

ENVIRONMENTAL FACTOR, NIEHS NEWSLETTER

May 2021

Title: Evidence for familial clustering in breast cancer age of onset

Tuition and Travel Scholarship Award

SUMMER INSTITUTE IN STATISTICAL GENETICS, UNIVERSITY OF WASHINGTON, SEATTLE, WA

2014, 2015, 2016

Ruth L. Kirschstein Pre-Doctoral Institutional National Research Service Award

NATIONAL INSTITUTE OF CHILD HEALTH AND DEVELOPMENT, NATIONAL INSTITUTES OF HEALTH

2001-2005

Oral Presentations

Represents trainee's work for which Ann Von Holle was a mentor.

Association between Body Iron Status and Biological Aging

Durham, NC

RAMAMURTHY S, VON HOLLE A, DIÁZ-SANTANA, KRESOVICH J, TAYLOR J, XU Z, O'BRIEN KM, SANDLER DP, WEINBERG CR

2023

National Institute of Environmental Health Sciences Scholars Connect Spring Symposium

Infant Growth Trajectories and Lipid Levels in Adolescence: Evidence from a Chilean Infancy Cohort.

New Orleans, LA

VON HOLLE A, NORTH KE, GAHAGAN S, BLANCO, E, ET AL.

2018

American Heart Association EPI/Lifestyle Sessions

Conditional Probability and Rate of Remission of Eating Disorders.

Baltimore, MD

VON HOLLE A, THORNTON L, KAYE W, BULIK C.

2007

International Conference of Eating Disorders

Associations between Partner-Based Childcare and Fertility of Married Working Mothers.

Montreal, Canada

VON HOLLE A

2006

American Sociological Association: Refereed roundtable presentation

Data depth and infant mortality differentials.

Tampa, FL

VON HOLLE A, SUCHINDRAN C.

2003

Eastern North American Region of the International Biometric Society

Poster Presentations

Represents trainee's work for which Ann Von Holle was a mentor.

Associations between Serum Iron Biomarkers and Breast Cancer Tumor Size

Orlando, FL

VON HOLLE A, THOMPSON RL, O'BRIEN KM, SANDLER DP, WEINBERG CR

2023

American Association of Cancer Research Annual Meeting

Association between Body Iron Status and the Aging Process

Virtual

RAMAMURTHY S, VON HOLLE A, DIÁZ-SANTANA, KRESOVICH J, TAYLOR J, XU Z, O'BRIEN KM, SANDLER DP, WEINBERG CR

2022

National Institute of Environmental Health Sciences Scholars Connect Poster Sessions

Seasonal Patterns in Toenail Metals

Virtual

WOJCIK KM, VON HOLLE A, O'BRIEN KM, SANDLER DP, WHITE AJ, WEINBERG CR

2022

National Institute of Environmental Health Sciences Summer Internship Program Poster Sessions

Characterizing the association between BMI and breast cancer risk by menopause status and age-time	Chicago, IL
VON HOLLE A , O'BRIEN KM, SANDLER DP, SCHOEMAKER M, SWERDLOW A, NICHOLS HB, JONES ME, JANICEK R, THE PREMENOPAUSAL BREAST CANCER COLLABORATIVE GROUP, WEINBERG CR Society for Epidemiologic Research	2022
Associations between Serum Iron Biomarkers and Breast Cancer Tumor Size	Virtual
<u>THOMPSON RL</u> , VON HOLLE A , O'BRIEN KM, SANDLER DP, WEINBERG CR National Institute of Environmental Health Sciences Summer Internship Program Poster Sessions	2021
Predictive models for iron status in postmenopausal women	Virtual
VON HOLLE A , O'BRIEN KM, SANDLER DP, JANICEK R, WEINBERG CR Society for Epidemiologic Research	2021
Toenail and serum measures as biomarkers of iron levels.	Virtual
VON HOLLE A , O'BRIEN KM, SANDLER DP, JANICEK R, KARAGAS MR, JACKSON BP, WHITE, AJ, WEINBERG CR Society for Epidemiologic Research	2021
Association Between Serum Iron Biomarkers and Breast Cancer.	Virtual
VON HOLLE A , O'BRIEN KM, SANDLER DP, JANICEK R, WEINBERG CR Society for Epidemiologic Research	2020
Familial aggregation of age of onset for breast cancer risk.	Minneapolis, MN
VON HOLLE A , O'BRIEN K, SANDLER DP, WEINBERG CR Society for Epidemiologic Research	2019
Sociodemographic predictors of early postnatal growth.	Baltimore, MD
VON HOLLE A , NORTH KE, GAHAGAN S, BLANCO E, ET AL. Society for Epidemiologic Research	2018
Infant Growth As An Effect Modifier Of Genetic-Lipid Associations: Evidence From A Chilean Infancy Cohort.	New Orleans, LA
VON HOLLE A , NORTH KE, GAHAGAN S, BLANCO E, ET AL. American Heart Association EPI/Lifestyle	2018
Confirmatory factor analysis (CFA) of multivariate lipid distributions across time and race-ethnic groups: United States, 2003-2012.	Portland, OR
VON HOLLE A , NORTH KE American Heart Association EPI/Lifestyle	2017
Lipid-related Genetic Variants and Lipid Outcomes in a Cohort of Chilean Children	Portland, OR
VON HOLLE A , JUSTICE, A, NORTH KE, ET AL. American Heart Association EPI/Lifestyle	2017
The utility of standardized or crude weight measures in modeling of postnatal growth trajectories: Are there differences?	Miami, FL
VON HOLLE A , NORTH KE, GAHAGAN S, TAO R Epidemiology Congress of the Americas	2016
Childhood BMI Associated with Low HDL-C Levels in Adolescence in a Chilean Cohort.	Baltimore, MD
VON HOLLE A , NORTH KE, KANG E, BLANCO E, GAHAGAN S American Heart Association EPI/Lifestyle	2015
U.S. Women's Labor Force Participation, Children and Change: 1980-2000.	Philadelphia, PA
VON HOLLE A Population Association of America	2005
A Non-Parametric Application for Exploratory Multivariate Data Analysis Using Infant Mortality Rates.	Boston, MA
VON HOLLE A , SUCHINDRAN C Population Association of America	2004

Teaching and Mentoring Experience_____

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Research Triangle Park, NC

- Mentor, 1 undergraduate student, NIEHS Scholars Connect Program 2022-2023
- Mentor, 2 graduate students, Summer Internship Program 2021, 2022
- Guest lecturer, "Introduction to Statistics and Experimental Design" January 2020
- Co-lead, "Mentoring of Junior Faculty and Fellows" session, Biostatistics and Computational Biology Branch retreat October 2019

UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL

Chapel Hill, NC

- Teaching Assistant, Advanced Epidemiologic Methods Spring 2016
- Guest lecturer, Center of Excellence for Eating Disorders, postdoctoral seminar series: "Statistical Analysis Plans in Research" 2008-2012

Related Professional Experience

ACADEMIC AND PROFESSIONAL SERVICE

SOCIETY OF EPIDEMIOLOGIC RESEARCH

- Annual meeting abstract reviewer 2021-2022
- Symposium co-chair: "Polygenic Risk Scores: challenges and opportunities for population health equity" December 2020

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Research Triangle Park, NC

- Trainee assembly steering committee member 2020-2022
- Summer intern program poster judge 2019-2021
- NIH Annual Graduate Student Research Symposium poster judge 2022
- Internal manuscript peer reviewer 2018-2022

NATIONAL INSTITUTES OF HEALTH SPECIAL EMPHASIS PANEL/SCIENTIFIC REVIEW GROUP

Bethesda, MD

- Guest/substitute member for ZMH1 ERB-D (02), HIV Prevention in MSM May 2011
- Guest/substitute member for Interventions Committee for Adult Disorders October 2011

JOURNAL PEER REVIEW

BMJ Open; International Journal of Cancer; Cancer Epidemiology, Biomarkers & Prevention; BMC Public Health; Epidemiology

PROFESSIONAL DEVELOPMENT TRAINING

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Research Triangle Park, NC

- Becoming a resilient scientist, 5-week course September-November 2022
- Research Mentor Training, 4-week course May 2019, May 2021
- 'Writing from the Reader's Perspective' 1-day workshop November 2019
- 'Write Winning NIH Grant Proposals' 1-day workshop February 2019
- 'Scientists Teaching Science', 9-week pedagogy course Spring 2019

PROFESSIONAL ASSOCIATIONS

Society of Epidemiological Research, American Association for Cancer Research