

# Ann Von Holle

EPIDEMIOLOGIST · POPULATION HEALTH SCIENTIST

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## Education

### University of North Carolina at Chapel Hill

Chapel Hill, NC

PH.D., EPIDEMIOLOGY

2018

Thesis: Infant Growth Trajectories and Lipid Levels in Adolescence

### University of Pennsylvania

Philadelphia, PA

M.A., DEMOGRAPHY

2005

### University of North Carolina at Chapel Hill

Chapel Hill, NC

M.S., BIOSTATISTICS

2003

### Johns Hopkins University

Baltimore, MD

M.H.S., POPULATION DYNAMICS

1995

### University of California, San Diego

San Diego, CA

B.A., APPLIED MATHEMATICS

1993

## Research Experience

### Optum Genomics

Remote

ASSOCIATE RESEARCH DIRECTOR, EVIDENCE AND QUALITY

2023-present

- Design and conduct research projects relating to molecular diagnostic test quality, including probabilistic decision analytic models to evaluate carrier screening test clinical utility in the context of health and economic outcomes. Summarize and write internal white papers to summarize results from carrier screening test quality evaluation. Communicate research project findings.

### 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 epidemiologic 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 research relating to breast cancer outcomes and biomarker exposures
- Used high performance computing environment for large-scale data
- Mentored graduate and undergraduate students to develop analysis plans, conduct epidemiologic research, and present results for NIH training programs

### University of North Carolina, Chapel Hill

Chapel Hill, NC

GRADUATE RESEARCHER

2013-2018

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 data, and wrote first draft of 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

## University of North Carolina, Chapel Hill

Chapel Hill, NC

### BIostatistician

2005-2013

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 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

## Maryland Health Care Commission

Baltimore, MD

### RESEARCH ANALYST

1999-2000

- Assisted in the planning and production of analyses regarding the status of the uninsured in Maryland with federal survey data.

## Peace Corps

Kara, Togo

### PUBLIC HEALTH SPECIALIST

1997-1998

## Publications

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### JOURNAL ARTICLES

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

1. **BMI and breast cancer risk around age at menopause (*In press*)**  
**Von Holle A**, Jones ME, O'Brien KM, Schoemaker MJ, Nichols HB, Swerdlow AJ, Sandler DP, Premenopausal Breast Cancer Collaborative Group, and Weinberg CR  
Cancer Epidemiology. (2024)
2. **Seasonal patterns in trace elements assessed in toenails (*In press*)**  
Wojcik, Katie\* †, **Von Holle, A**†, O'Brien KM, White AJ, Karagas MR, Niehoff NM, Levine KE, Jackson B, and Weinberg CR  
Environmental Advances. (2024)
3. **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
4. **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
5. **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
6. **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
7. **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
8. **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
9. **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
10. **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
11. **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
12. **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

13. **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
14. **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
15. **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
16. **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
17. **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
18. **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
19. **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
20. **NURTURE: development and pilot testing of a novel parenting intervention for mothers with histories of an eating disorder.**  
Runfolo 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
21. **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
22. **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
23. **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
24. **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
25. **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
26. **Body dissatisfaction in women across the lifespan: results of the UNC- SELF and Gender and Body Image (GABI) studies.**  
Runfolo 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
27. **Characteristics of women with body size satisfaction at midlife: results of the Gender and Body Image (GABI) Study.**  
Runfolo 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
28. **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, Runfolo CD, Hofmeier S, Branch KE, and Bulik CM  
The International Journal of Eating Disorders. 45 (2012) :832–44, doi: 10.1002/eat.22030
29. **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

30. **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
31. **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
32. **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
33. **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
34. **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
35. **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
36. **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
37. **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
38. **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
39. **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
40. **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
41. **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-Anglero D, Cervantes-Lopez S, and Suarez-Torres A  
Journal of Clinical Psychology. 66 (2010) :666–79, doi: 10.1002/jc1p.20684
42. **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
43. **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
44. **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
45. **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
46. **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
47. **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
48. **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

49. **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
50. **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
51. **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
52. **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
53. **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
54. **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
55. **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
56. **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
57. **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
58. **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
59. **Patterns of menstrual disturbance in eating disorders.**  
Poyastro 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

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### 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

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*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

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*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

2022

Society for Epidemiologic Research

### Associations between Serum Iron Biomarkers and Breast Cancer Tumor Size

Virtual

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

2021

National Institute of Environmental Health Sciences Summer Internship Program Poster Sessions

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

## Teaching and Mentoring Experience

<b>NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES</b>	<i>Research Triangle Park, NC</i>
• 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
<b>UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL</b>	<i>Chapel Hill, NC</i>
• 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

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## 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

## 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 Heart Association, American Association for Cancer Research, American Society of Preventive Oncology