

Mandy Goldberg, PhD, MPH

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[My bibliography](#)

[Google Scholar](#)

EDUCATION

- 2013 – 2019 Doctor of Philosophy, Epidemiology
Columbia University Graduate School of Arts and Sciences, New York, NY
- 2010 – 2011 Master of Public Health, *magna cum laude*
Hebrew University-Hadassah Braun School of Public Health & Community
Medicine, Jerusalem, Israel
- 2005 – 2009 Bachelor of Arts, *summa cum laude*
University of Southern California, Los Angeles, CA
Major: International Relations; *Minors:* Spanish, Public Health

ACADEMIC APPOINTMENTS AND RESEARCH EXPERIENCE

- 2025 – Assistant Professor of Epidemiology
Department of Biostatistics and Epidemiology
Rutgers School of Public Health, Piscataway, NJ
- 2023 – 2025 Independent Research Scholar
PI, Puberty & Cancer Epidemiology Group
Epidemiology Branch, National Institute of Environmental Health Sciences
(NIEHS), Research Triangle Park, NC
- 2019 – 2023 Intramural Research Training Award (IRTA) Postdoctoral Fellow
Epidemiology Branch, NIEHS, Research Triangle Park, NC
PI: Dr. Dale Sandler, Chronic Disease Epidemiology Group
- 2014 – 2019 Data Analyst/Research Director, LEGACY Girls Study and Breast Cancer
Family Registry, New York sites (PI: Dr. Mary Beth Terry)
Department of Epidemiology, Columbia University, New York, NY
- 2013 – 2014 Project Coordinator, LEGACY Girls Study (PI: Dr. Mary Beth Terry)
Department of Epidemiology, Columbia University, New York, NY
- 2012 – 2013 Clinical Research Assistant, IMPACT DC Asthma Clinic
Children's National Medical Center, Washington, D.C.

RESEARCH SUPPORT

- 9/2023 – Eunice Kennedy Shriver National Institute of Child Health and Human
Development (1K99HD110645)
Title: Minipuberty of infancy: a critical period for growth and development in girls?
Role: PI

2021 – 2025 NIEHS Epidemiology Branch Research Award (no grant number)
Title: Hormone concentrations and hormone-sensitive tissues during minipuberty of infancy and childhood growth and development: a puberty follow-up of the Infant Feeding and Early Development (IFED) cohort
Role: PI

RESEARCH INTERESTS

Lifecourse epidemiology, puberty, minipuberty of infancy, breast and reproductive cancers, women's health, developmental origins of health and disease, windows of susceptibility, early-life environment, endocrine-disrupting chemicals

HONORS & AWARDS

2024	Runner-up, Best Postdoc Poster competition, 2024 U.S. DOHaD Society annual meeting
2024	NIEHS Intramural Paper of the Month (July) – Goldberg et al, <i>Environ Res</i> 2024
2024	Selected participant, NIEHS Leadership Development Program (2024-2025)
2024	NIEHS Intramural Paper of the Month (April) – Goldberg et al, <i>EHP</i> 2024
2024	American Society of Preventive Oncology (ASPO) Travel Award for top-ranked abstract to present at the 48th annual meeting
2023	Selected participant, AACR Integrative Molecular Epidemiology Workshop: Bridging Cancer Biology and Precision Medicine (July 2023, Boston, MA)
2023	NIH Summer Research Mentor Award
2022	NIH Fellows Award for Research Excellence (FARE 2023)
2021	American Society of Preventive Oncology (ASPO) Registration Award for top-ranked abstract to present at the 45th annual meeting
2020	Best Elevator Pitch Presentation, NIEHS Science Day
2019	U.S. DOHaD Trainee Travel Award to attend the 4th U.S. DOHaD Society meeting, Chapel Hill, NC, 2019.
2017	Columbia EPIC Fund Award and Columbia Student Conference Travel Fund Award to attend 10th World Congress on Developmental Origins of Health and Disease, Rotterdam, Netherlands, 2017
2017	Columbia Student Conference Travel Fund Award to attend 41st annual meeting of the American Society of Preventive Oncology, Seattle, WA, 2017.
2016	Columbia Student Conference Travel Fund Award to attend 40th annual meeting of the American Society of Preventive Oncology, Columbus, OH, 2016.
2016	Pass with Honors, Columbia University Foundation Essay (PhD Exam)

2012	Hebrew University-Hadassah Faculty of Medicine Prize for Excellence in an MPH Thesis
2009	Phi Beta Kappa National Honor Society
2009	University of Southern California Renaissance Scholar
2005 – 2009	University of Southern California Trustee Scholar

PROFESSIONAL MEMBERSHIPS

2024 –	Endocrine Society
2024 –	American Society of Preventive Oncology (previous member, 2016-2019)
2023 –	Society for Pediatric and Perinatal Epidemiologic Research
2021 –	Society for Epidemiologic Research
2021 –	International DOHaD Society (previous member, 2017, 2019)
2021 –	U.S. DOHaD Society (previous member, 2019)

LEADERSHIP & SERVICE

2025	Panelist, 27 th Annual NIEHS Biomedical Career Symposium, “Careers in Academia” Session, Apr. 2025
2024	Moderator, NCI Cohort Consortium 2024 annual meeting: “Special Session – Focus on Artificial Intelligence and Tissue”, Nov. 2024
2024 – 2025	Member, NIEHS Epidemiology Branch Retreat Planning Committee
2024	Member, NIEHS Epidemiology Branch Science Day Planning Committee
2024 –	Representative, NCI Cohort Consortium Associate Member Council
2023, 2024	Judge (alternate), Fellows Award for Research Excellence (FARE) 2024 & 2025
2023 – 2025	Co-Chair, NIEHS Fellows Grant Writing Review Board
2022 – 2023	Group Coordinator, SER Team Mentoring Program
2021 – 2022	Coordinator, NIEHS Reproductive Epidemiology (“Repro Lunch”) Journal Club
2021 – 2022	Participant, NIEHS Fellows Grant Writing Peer Review Group
2021 – 2023	Member/Trainee Representative, NIEHS Library User Group
2021 – 2023	Library Liaison/Member, NIEHS Trainees’ Assembly Steering Committee

Editorial Activities (ad hoc reviewer):

BMC Cancer

Cancer Causes & Control

Early Human Development

Environmental Health Perspectives

International Journal of Epidemiology

Journal of Exposure Science and Environmental Epidemiology

Nutrients

Paediatric & Perinatal Epidemiology

PLOS ONE

Scientific Reports

NIEHS internal manuscript reviews for Epidemiology Branch, Biostatistics & Computational Biology Branch, and Clinical Research Branch

TEACHING

2018 – 2019 Instructor, MPH Major B Analysis in Epidemiology II STATA Lab
French School of Advanced Studies in Public Health (EHESP), Paris, France

2017 – 2019 Teaching Assistant, MPH Major B Analysis in Epidemiology II and III
French School of Advanced Studies in Public Health (EHESP), Paris, France
Professor: Dr. Mary Beth Terry

2014 – 2015 Teaching Assistant, Epidemiology III: Applied Epidemiologic Analysis
Columbia University Mailman School of Public Health, New York, NY
Professors: Dr. Jeanine Genkinger (2014), Dr. Mary Beth Terry (2015)

Guest lecture:

2024 “Work-life balance and time management”
NIEHS Epidemiology Branch Summer Internship Program Seminar Series

MENTORING

Primary mentor:

- 2024 – 2025 Paige Tomer, IRTA post-baccalaureate fellow, NIEHS
Primary post-bac project is an application of latent class mixed models to characterize trajectories of postnatal breast bud diameter in male and female infants in the IFED Study.
Current position: Incoming PhD Student, Department of Biostatistics, University of Washington
- 2024 Ariayana Harrell, IRTA post-baccalaureate fellow, NIEHS
Primary post-bac project was an analysis examining pubertal timing in relation to uterine cancer incidence in the Sister Study cohort.
Best poster award (postbaccalaureate category), NC Women of Color Research Network Symposium, 2024.
Current position: PhD Student, Department of Sociology, University of North Carolina at Chapel Hill
- 2024 Sydney Lash, NIH Summer Internship Program, NIEHS
Recent graduate (B.A) of Queen’s University of Charlotte

Summer research project examining pubertal timing and incident ovarian cancer in the Sister Study.

Current position: PhD Student, Carolina Health Informatics Program, University of North Carolina at Chapel Hill

- 2023 Sarah Feng, Community College Summer Enrichment Program (CCSEP) subprogram of the NIH Summer Internship Program, NIEHS Undergraduate at Berkeley City College Summer research project examining exposure to radiation in early life and incident breast cancer in the Sister Study.
2nd place winner, NIEHS summer intern 3-minute communication challenge.
Current position: Undergraduate student, UC Berkeley

Co-mentor:

- 2025 Katherine Patterson, IRTA post-baccalaureate fellow, NIEHS Co-mentor (with Dr. Natalie Shaw, primary mentor) on an analysis examining associations of testosterone concentrations during minipuberty with growth and reproductive development in male infants in the IFED Study.
- 2017 – 2018 Kelsey Monson, Master's Student (Columbia University) Co-mentor (with Dr. Mary Beth Terry, primary mentor) on analysis of circulating growth factor concentrations and breast cancer risk (Monson et al, *Breast Cancer Res* 2020)
- 2014 – 2019 Co-mentored multiple undergraduate and high school students in the planning and completion of their summer research projects through various summer internship programs at Columbia University (with Dr. Mary Beth Terry, primary mentor)

Group-based mentoring experiences:

- 2023 – 2024 Participant, NCI Cohort Consortium (NCI-CC) Mentoring Program Provide and receive career mentoring through discussions with small group of early-career peers and two senior faculty facilitators
- 2022 – 2023 Participant, Society for Epidemiologic Research (SER) Team Mentoring Program. Provide and receive career mentoring through monthly discussions with group of 5 epidemiologists at various career stages (e.g., doctoral students, junior faculty)

PROFESSIONAL TRAINING & CONTINUING EDUCATION

- 2024 – 2025 NIEHS Leadership Development Program, CI International
- 2024 Write Winning NIH Grant Proposals workshop, Grant Writers' Seminars & Workshops
- 2024 Research Mentor Training Course, NIH Office of Intramural Training and Education
- 2023 Environmental Justice Bootcamp: Theory and Methods to Study Environmental Health Disparities, Columbia Skills for Health and Research Professionals (SHARP) training

2023	Integrative Molecular Epidemiology Workshop: Bridging Cancer Biology and Precision Medicine, American Association of Cancer Research (AACR)
2023	Diversity & Inclusion seminar series and discussion groups, NIH Office of Intramural Training and Education
2022	How to Teach What You Know: Choose Your Own Path to Learn How to Design Effective and Engaging Learning Experience, Dr. Barbi Honeycutt
2022	The Groundwater Approach (structural racism), Racial Equity Institute
2021	Becoming a Responsible Scientist, NIH Office of Intramural Training and Education

SCIENTIFIC PRESENTATIONS

A. Invited Talks

1. "The role of puberty and minipuberty in breast cancer etiology and prevention." Department of Population Health, NYU Grossman School of Medicine, virtual, December 2024.
2. "Breast cancer susceptibility across the lifecourse: The role of puberty and minipuberty in etiology and prevention." Department of Biostatistics and Epidemiology, Rutgers School of Public Health, Piscataway, NJ, October 2024.
3. "Early-life origins of breast development and the implications for breast cancer risk." Department of Epidemiology & Biostatistics, Memorial Sloan Kettering Cancer Center, New York, NY, June 2019.
4. "Early-life origins of breast development and the implications for breast cancer risk." Public Health Sciences Division, Washington University School of Medicine in St. Louis, St. Louis, MO, June 2019.
5. "Early-life origins of breast development and the implications for breast cancer risk." Epidemiology Branch, National Institute of Environmental Health Sciences, Research Triangle Park, NC, June 2019.

B. Oral Conference Presentations (first author and senior author presentations listed, †mentored trainee)

1. Patterson K[†], Chin HB, Adgent MA, Kelly A, Stallings VA, Patchel SA, Rogan WJ, Umbach DM, Shaw ND, **Goldberg M**. Minipuberty in boys: do testosterone levels influence somatic and penile growth? Oral presentation (*planned*) at the 2025 Endocrine Society meeting (ENDO2025), San Francisco, CA, July 2025.
2. **Goldberg M**. Minipuberty sex steroid production and growth and development in infant girls. Selected talk as part of a submitted symposium. 38th annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER), Boston, MA, June 2025.
3. **Goldberg M**, Feng S, Sandler DP. Radiation treatment for benign conditions during windows of susceptibility and breast cancer incidence. Selected from submitted abstract. 48th annual meeting of the American Society of Preventive Oncology, Chicago, IL, March 2024. *ASPO Registration Award for top-ranked abstract*.

4. **Goldberg M**, Diaz Santana MV, O'Brien KM, Zhao S, Weinberg CR, Sandler DP. History of gestational hypertensive disorders and breast cancer risk in the Sister Study cohort. Selected from submitted abstract. Society for Epidemiologic Research annual meeting, virtual, June 2021.
 5. **Goldberg M**, D'Aloisio AA, O'Brien KM, Zhao S, Sandler DP. Early-life exposures and age at breast development in the Sister Study cohort. Selected flash talk from submitted abstract. 45th annual meeting of the American Society of Preventive Oncology, virtual, March 2021. *ASPO Registration Award for top-ranked abstract. Abstract published in Cancer Epidemiology, Biomarkers & Prevention, April 2021 (DOI: 10.1158/1055-9965).*
 6. **Goldberg M**, Houghton LC, Andrulis IL, Bradbury AR, Buys SS, Daly MB, John EM, Terry MB. Associations between early-life body size factors and pubertal onset by breast cancer family history in the LEGACY Girls Study. Selected from submitted abstract. 10th World Congress on Developmental Origins of Health and Disease, Rotterdam, Netherlands, October 2017.
- C. Poster Conference Presentations (first author and senior author presentations listed, [†]mentored trainee)
1. Tomer PE[†], Zhao S, Shaw ND, Stallings VA, Kelly A, Rogan WJ, Umbach, DM, **Goldberg M**. Characterizing postnatal trajectories of breast bud diameter in male and female infants using latent class mixed models. Poster presentation at Society of Epidemiologic Research (SER) and Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2025 annual meetings, Boston, MA, June 2025.
 2. **Goldberg M**, Stevens DR, Zhao S, Kelly A, Stallings VA, Umbach DM, Rogan WJ, Shaw ND, Sandler DP. Do sex steroid concentrations during minipuberty influence body size in infant girls? U.S. DOHaD Society annual meeting, Chapel Hill, NC, October 2024. *Runner-up, best postdoc poster competition.*
 3. Harrell AN[†], O'Brien KM, Sandler DP, **Goldberg M**. Pubertal timing and incident uterine cancer in the Sister Study cohort. NC Women of Color Research Network Symposium, Durham, NC, July 2024, and NIH Postbac Poster Day, Bethesda, MD, May 2024. *Best poster award (postbaccalaureate category), NC Women of Color Research Network Symposium.*
 4. Lash SA[†], O'Brien KM, Sandler DP, **Goldberg M**. Pubertal timing and incident ovarian cancer in the Sister Study cohort. NC Women of Color Research Network Symposium and NIEHS Summer Internship Program Poster Day, Durham, NC, July 2024.
 5. **Goldberg M**, Zhao S, Kelly A, Stallings VA, Umbach DM, Rogan WJ, Shaw ND, Sandler DP. Associations of breast bud diameter with estradiol concentrations during minipuberty in infant girls. Society for Pediatric and Perinatal Epidemiologic Research (SPER) annual meeting, Austin, TX, June 2024.
 6. **Goldberg M**, Zhao S, Kelly A, Stallings VA, Umbach DM, Rogan WJ, Shaw ND, Sandler DP. Breast development in infant girls: does endogenous estrogen production during minipuberty play a role? 2024 Endocrine Society annual meeting (ENDO2024), Boston,

MA, June 2024. Abstract published in *Journal of the Endocrine Society*, October-November 2024 (DOI: 10.1210/jendso/bvae163.1568).

7. **Goldberg M**, Stevens DR, Adgent MA, Chin HB, Ferguson KF, Baird DD, Stallings VA, Sandler DP, Umbach DM. Urinary phenol concentrations, breast bud diameter, and uterine volume during minipuberty in female infants: the Infant Feeding and Early Development Study. USA Exposome Symposium, Nashville, TN, January 2024.
8. **Goldberg M**, Chang C-J, Ogunsina K, O'Brien KM, Taylor KW, White AJ, Sandler DP. Personal care product use during puberty and incident breast cancer by race and ethnicity in a prospective U.S. cohort. NIH Research Festival, Bethesda, MD (virtual), September 2023.
9. Feng S[†], Sandler DP, **Goldberg M**. Early life radiation exposure and incident breast cancer in the Sister Study cohort. NIEHS Summer Internship Program Poster Day and NIH Summer Internship Program Poster Day (virtual), July/August, 2023.
10. **Goldberg M**, Stevens DR, Adgent MA, Chin HB, Ferguson KF, Baird DD, Stallings VA, Sandler DP, Umbach DM. Urinary phenol concentrations and breast bud diameter during minipuberty in female infants: the Infant Feeding and Early Development Study. Society for Pediatric and Perinatal Epidemiologic Research annual meeting, Portland, OR, June 2023.
11. **Goldberg M**, Chang C-J, Ogunsina K, O'Brien KM, Taylor KW, White AJ, Sandler DP. Personal care product use during puberty and incident breast cancer in U.S. women. Society for Epidemiologic Research annual meeting, Portland, OR, June 2023.
12. **Goldberg M**, D'Aloisio AA, O'Brien KM, Zhao S, Sandler DP. Early-life exposures and age at breast development: Implications for breast cancer risk. Annual NIEHS Science Day, Durham, NC (virtual), November 2021.
13. **Goldberg M**, D'Aloisio AA, O'Brien KM, Zhao S, Sandler DP. Early-life exposures and age at breast development in the Sister Study cohort. 45th annual meeting of the American Society of Preventive Oncology, virtual, March 2021.
14. **Goldberg M**, D'Aloisio AA, O'Brien KM, Zhao S, Sandler DP. Pubertal timing and breast cancer risk in the Sister Study cohort. Annual NIEHS Science Day, Durham, NC (virtual), November 2020. *Best Elevator Pitch Poster Presentation Award*.
15. **Goldberg M**, Houghton LC, McDonald JA, Andrulis IL, Bradbury AR, Buys SS, Daly MB, John EM, Wei Y, Terry MB. Infant growth and the onset of breast development in the LEGACY Girls Study cohort. 4th annual meeting of the U.S. DOHaD Society, Chapel Hill, NC, September 2019.
16. **Goldberg M**, Andrulis IL, Bradbury AR, Buys SS, Daly MB, John EM, Knight JA, Keegan THM, Schwartz LA, Wei Y, Terry MB. Maternal physical activity during pregnancy and onset of breast development in their daughters in the LEGACY Girls Study cohort. 42nd annual meeting of the American Society of Preventive Oncology, New York, NY, March 2018.

17. **Goldberg M**, Cohn BA, Michels KB, Terry MB. Maternal factors and benign breast disease in adult daughters. 41st annual meeting of the American Society of Preventive Oncology, Seattle, WA, March 2017.
18. **Goldberg M**, Cohn BA, Michels KB, Terry MB. Early life growth and benign breast disease. 40th annual meeting of the American Society of Preventive Oncology, Columbus, OH, March 2016.

PUBLICATIONS

A. Original Peer-Reviewed Journal Articles (*co-first author, †mentored [or co-mentored] trainee)

1. O'Brien KM, House MG, **Goldberg M**, Jones ME, Weinberg CR, Berrington de Gonzalez A, Bertrand KA, Blot WJ, DeHart JC, Couch FJ, Garcia-Closas M, Giles GG, Kirsh V, Kitahara CM, Koh W-P, Park HL, Milne RL, Palmer JA, Patel AV, Rohan TE, Schoemaker MJ, Swerdlow AJ, Teras L, Vachon C, Visvanathan K, Yuan J-M, Zheng W, Nichols HB, and Sandler DP. Hormone therapy use and young-onset breast cancer: Results from a pooled analysis of prospective cohorts in the Premenopausal Breast Cancer Collaborative Group. *Lancet Oncol*. In press.
2. Stevens DR, **Goldberg M**, Adgent MA, Chin HB, Baird DD, Stallings VA, Sandler DP, Calafat AM, Ford EG, Zemel BS, Kelly A, Umbach DM, Rogan WJ, Ferguson KK. Environmental phenols and growth in infancy: the Infant Feeding and Early Development Study. *Journal of Clinical Endocrinology & Metabolism*. 2024 Nov; 109(12): 3108-3118. PubMed ID: 38753668.
3. **Goldberg M**, Adgent MA, Stevens DR, Chin HB, Ferguson KK, Calafat AM, Travlos G, Ford EG, Stallings VA, Rogan WJ, Umbach DM, Baird DD, Sandler DP. Environmental phenol exposures in 6- to 12-week-old infants: the Infant Feeding and Early Development (IFED) Study. *Environmental Research*. 2024 Jul; 252(Pt 4): 119075. PubMed ID: 38719065.
4. **Goldberg M**, Chang C-J, Ogunsina K, O'Brien KM, Taylor KW, White AJ, Sandler DP. Personal care product use during puberty and incident breast cancer in Black, Hispanic/Latina, and White women in a prospective U.S.-wide cohort. *Environmental Health Perspectives*. 2024 Feb; 132(2): 27001. PubMed ID: 38306193.
5. Kehm RD, Knight JA, Houghton LC, McDonald JA, Schwartz L, **Goldberg M**, Chung WK, Frost CJ, Wei Y, Bradbury AR, Keegan THM, Daly MB, Buys SS, Andrulis IL, John EM, Terry MB. Childhood physical activity and pubertal timing: findings from the LEGACY girls study. *International Journal of Epidemiology*. 2024 Feb; 53(1): dyad1093. PubMed ID: 38205889.
6. Chang C-J, O'Brien KM, Keil AP, **Goldberg M**, Taylor KW, Sandler DP, White AJ. Use of personal care product mixtures and incident hormone-sensitive cancers in the Sister Study: a U.S.-wide prospective cohort. *Environment International*. 2024 Jan; 183: 108298. PubMed ID: 38043324.
7. Dinicu AI, Dioun S, **Goldberg M**, Crookes DM, Wang Y, Tergas, AI. Region of origin and cervical cancer stage in multiethnic Hispanic/Latinx patients living in the United States. *Cancer Medicine*. 2023 Dec; 12(23): 21452-21464. PubMed ID: 37964735.

8. Nichols HB, House MG, Yarosh R, Mitra S, **Goldberg M**, Bertrand KA, Eliassen AH, Giles GG, Jones ME, Milne RL, O'Brien KM, Palmer JR, Sandin S, Willet WC, Yin W, Sandler DP, Swerdlow AJ, Schoemaker MJ. Hypertensive conditions of pregnancy, preterm birth, and premenopausal breast cancer risk: a premenopausal breast cancer collaborative group analysis. *Breast Cancer Research and Treatment*. 2023 Jun; 199(2): 323-334. PubMed ID: 37020102.
9. Chin HB, Krall JR, **Goldberg M**, Stanczyk FZ, Darge K, Stallings VA, Rogan WJ, Umbach DM, Baird DD. Early life anti-Müllerian hormone trajectories in infant girls. *Epidemiology*. 2023 Jul 1; 34(4): 568-575. PubMed ID: 36943795.
10. **Goldberg M**, McDonald JA, Houghton LC, Andrulis IL, Knight JA, Bradbury AR, Schwartz LA, Buys SS, Frost CJ, Daly MB, John EM, Keegan THM, Chung WK, Wei Y, Terry MB. Maternal and prenatal factors and age at thelarche in the LEGACY Girls Study cohort: implications for breast cancer risk. *International Journal of Epidemiology*. 2023 Feb 8; 52(1): 272-283. PubMed ID: 35613015.
11. **Goldberg M**, Díaz-Santana MV, O'Brien KM, Zhao S, Weinberg CR, Sandler DP. Gestational hypertensive disorders and maternal breast cancer risk in a nationwide cohort of 40,720 parous women. *Epidemiology*. 2022 Nov 1; 22(6):868-879. PubMed ID: 35648421.
12. Houghton LC, Wei Y, Wang T, **Goldberg M**, Paniagua-Avila A, Sweeden R, Bradbury A, Daly M, Schwartz LA, Keegan T, John EM, Knight JA, Andrulis I, Buys SS, Frost CJ, O'Toole K, White M, Chung WK, Terry MB. Body mass index rebound and pubertal timing in girls with and without a family history of breast cancer: the LEGACY girls study. *International Journal of Epidemiology*. 2022 Oct 13; 51(5):1546-1555. PubMed ID: 35157067.
13. **Goldberg M**, D'Aloisio AA, O'Brien KM, Zhao S, Sandler DP. Early-life exposures and age at thelarche in the Sister Study cohort. *Breast Cancer Research*. 2021 Dec 11; 23(1): 111. PubMed ID: 34895281.
14. **Goldberg M*** and Ciesielski Jones AJ*, McGrath JA, Barker-Cummings C, Cousins DS, Daniel LM, Meadow JW, Kesner JS, Marcus M, Monteilh C, Sandler DP. Urinary and salivary endocrine measurements to complement Tanner staging in studies of pubertal development. *PLOS ONE*. 2021 May 13; 16(5): e0251598. PubMed ID: 33984062.
15. McDonald JA, Cherubin S, **Goldberg M**, Wei Y, Chung WK, Schwartz LA, Knight JA, Schooling CM, Santella RM, Bradbury AB, Buys SS, Andrulis IL, John EM, Daly M, Terry MB. Common childhood viruses and pubertal timing: the LEGACY Girls Study. *American Journal of Epidemiology*. 2021 May 4; 190(5):766-778. PubMed ID: 33128063.
16. Reimers LL* and **Goldberg M***, Tehranifar P, Michels KB, Cohn BA, Flom JD, Wei Y, Cirillo P, Terry MB. Benign breast disease and changes in mammographic density. *Breast Cancer Research*. 2021 Apr 26; 23(1): 49. PubMed ID: 33902651.
17. Knight JA, Kehm RD, Schwartz LA, Frost CJ, Chung WK, Colonna S, Keegan THM, **Goldberg M**, Houghton LC, Hanna D, Glendon G, Daly MB, Buys SS, Andrulis IL, John EM, Bradbury AR, Terry MB. Pre-pubertal internalizing symptoms and timing of puberty

onset in girls. *American Journal of Epidemiology*. 2021 Feb 1; 190(3):431-438. PubMed ID: 33057572.

18. **Goldberg M**, D'Aloisio AA, O'Brien KM, Zhao S, Sandler DP. Pubertal timing and breast cancer risk in the Sister Study cohort. *Breast Cancer Research*. 2020 Oct 27; 22(1):112. PubMed ID: 33109223.
19. Monson K[†], **Goldberg M**, Wu HC, Chung WK, Santella RM, Terry MB. Circulating growth factor concentrations and breast cancer risk: a nested case-control study of IGF-1, IGFBP-3 and breast cancer in a family-based cohort. *Breast Cancer Research*. 2020 Oct 22; 22(1): 109. PubMed ID: 33092613.
20. Wu HC, Brennan LA, **Goldberg M**, Chung WK, Wei Y, Santella RM, Terry MB. Influence of pubertal development on urinary oxidative stress biomarkers in adolescent girls in the New York LEGACY cohort. *Free Radical Research*. 2020 Jun; 54(6): 431-441. PubMed ID: 32686531.
21. **Goldberg M**^{*} and Tawfik H^{*}, Kline J, Michels KB, Wei Y, Cirillo P, Cohn BA, Terry MB. Body size at birth, early-life growth and the timing of the menopausal transition and natural menopause. *Reproductive Toxicology*. 2020 Mar; 92:91-97. PubMed ID: 30831215.
22. **Goldberg M**, Cohn BA, Houghton LC, Flom JD, Wei Y, Cirillo P, Michels KB, Terry MB. Early-life growth and benign breast disease. *American Journal of Epidemiology*. 2019 Sep 1; 188(9): 1646-1654. PubMed ID: 31107507.
23. Houghton LC, Knight JA, Wei Y, Romeo R, **Goldberg M**, Andrulis IL, Bradbury AR, Buys SS, Daly MB, John EM, Chung WK, Santella R, Stanczyk F, Terry MB. Association of prepubertal and adolescent androgen concentrations with timing of breast development and family history of breast cancer. *JAMA Open Network*. 2019 Feb 1; 2(2):e190083. PubMed ID: 3079403.
24. Terry MB, Cohn BA, **Goldberg M**, Flom JD, Tehranifar P, McDonald JA, Wei Y, Houghton LC, Protacio A, Cirillo P, Lumey LH, Michels KB. Do birthweight and weight gain during infancy and early childhood explain variation in mammographic density in women in midlife? Results from cohort and sibling analyses. *American Journal of Epidemiology* 2019 Feb 1; 188(2): 294-301. PubMed ID: 30383202.
25. Houghton LC, Knight JA, De Souza MJ, **Goldberg M**, White M, O'Toole K, Chung WK, Bradbury AR, Daly MB, Andrulis IL, John EM, Buys, SS, Terry MB. Comparison of methods to assess breast development in the LEGACY Girls Study: Methodological considerations for studies of breast cancer. *Breast Cancer Research* 2018 Apr 18; 20(1):33. PubMed ID: 29669587.
26. Houghton LC, **Goldberg M**, Wei Y, Cirillo PM, Cohn BA, Michels KB, Terry MB. Why do studies show different associations between intrauterine exposure to maternal smoking and age at menarche? *Annals of Epidemiology* 2018 Mar; 28(3):197-203. PubMed ID: 29482744.
27. Terry MB, Keegan THM, Houghton LC, **Goldberg M**, Andrulis IL, Daly MB, Buys SS, Wei Y, Whittemore AS, Protacio A, Bradbury AR, Chung WK, Knight JA, John EM.

Pubertal development in girls by breast cancer family history: the LEGACY Girls Cohort. *Breast Cancer Research* 2017 Jun 8; 19(1):69. PubMed ID: 28595647.

28. Shen J, Liao Y, Hopper JL, **Goldberg M**, Santella RM, Terry MB. Dependence of Cancer Risk from Environmental Exposures on Underlying Genetic Susceptibility: an Illustration with Polycyclic Aromatic Hydrocarbons and Breast Cancer. *British Journal of Cancer*. 2017 Apr 25; 116(9):1229-1233. PubMed ID: 28360789.
29. Michels KB, Cohn BA, **Goldberg M**, Flom JD, Dougan M, Terry MB. Maternal anthropometry and mammographic density in the daughter. *Pediatrics* 2016 Nov; 138 (Supplement 1). PubMed ID: 27940975.
30. Terry MB, **Goldberg M**, Schechter S, Houghton LC, White ML, O'Toole K, Chung WK, Daly MB, Keegan THM, Andrulis IL, Bradbury AR, Schwartz L, Knight JA, John EM, Buys SS. Comparison of clinical, maternal and self pubertal assessments: implications for health studies. *Pediatrics* 2016 Jul; 138(1). PubMed ID: 27279647.
31. **Goldberg M**, Calderon-Margalit R, Paltiel O, Abu Ahmad W, Friedlander Y, Harlap S, Manor O. Socioeconomic disparities in breast cancer incidence and survival: findings from a population-based cohort, 1964 – 2008. *BMC Cancer* 2015 Nov 19; 15(1):921. PubMed ID: 26585765.

B. Commentaries, Invited Reviews and Letters to the Editor

1. Niehoff NM, **Goldberg M**, White AJ. The importance of addressing early life environmental exposures in cancer epidemiology. *Current Epidemiology Reports*. 2022 June; 9(2): 49-65. doi: 10.1007/s40471-022-00289-6. PubMed ID: 35620221.
2. Wei Y, Kehm RD, **Goldberg M**, Terry MB. Applications for quantile regression in epidemiology. *Current Epidemiology Reports*. 2019 June; 6(2): 191-199. doi: 10.1007/s40471-019-00204-6.
3. **Goldberg M**, Terry MB. Re: "Growth Trajectories, Breast Size, and Breast-Tissue Composition in a British Pre-Birth Cohort of Young Women." *American Journal of Epidemiology*. 2018 Sep 1; 187(9):2069. PubMed ID: 29796640.

My NCBI bibliography link:

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