JOSEPH M. BRAUN

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EDUCATION

1997-2001	University of Wisconsin-Madison	BS, Biochemistry
2003-2005	University of Wisconsin-Milwaukee	BS, Nursing
2006-2008	University of North Carolina-Chapel Hill	MSPH, Epidemiology
2008-2010	University of North Carolina-Chapel Hill	PhD, Epidemiology
2019	Brown University	MA, ad eundem

APPOINTMENTS AND POSITIONS

2005-2006	Clinical Instructor College of Nursing, University of Wisconsin-Milwaukee
2006-2010	Research/Teaching Assistant Department of Epidemiology, University of North Carolina-Chapel Hill
2010-2012	Postdoctoral Research Fellow Department of Environmental Health, Harvard School of Public Health
2012-2021	Visiting Scientist Department of Environmental Health, Harvard School of Public Health
2012-2018	Assistant Professor Department of Epidemiology, Brown University School of Public Health
2017-2018	RGSS Assistant Professor of Public Health, Brown University School of Public Health
2018-	Associate Professor with Tenure Department of Epidemiology, Brown University School of Public Health
2020-	Director Center for Children's Environmental Health Brown University School of Public Health

LICENSURE

Registered Nurse, Massachusetts Board of Nursing

AWARDS AND HONORS

2005	Cum Laude, University of Wisconsin-Milwaukee
2010-13	Environmental Health Perspectives: Top Reviewer of the Year
2011	Science Communication Fellow, Environmental Health News
2013	Graduate of the Last Decade, University of Wisconsin-Milwaukee
2013	NIEHS Extramural Paper of the Month (January) & Year
2016	NIEHS Extramural Paper of the Month (February)
2017	20 Pioneers Under 40 in Environmental Public Health, Collaborative on Health and the Environment

2017 Early Career Research Achievement Award, Brown University
2017- RGSS Assistant Professor of Epidemiology
2019 Dean's Award for Excellence In Research Collaboration in Public Health, Brown University
2020 EPA Scientific and Technological Achievement Awards
2021 NIEHS Extramural Paper of the Month (March)
2022 ISEE Best Environmental Epidemiology Paper (PMID: 33779718)
2022 NIEHS Extramural Paper of the Month (December)

PROFESSIONAL ORGANIZATIONS

2010- Member, International Society of Environmental Epidemiology
2012- Member, International Society for Children's Health and Environment

TEACHING

2007 Course: Introduction to Epidemiology
Department of Epidemiology, University of North Carolina-Chapel Hill
Role: Teaching Assistant

2008-09 Course: Clinical Epidemiology and Diagnostic Tools
University of North Carolina-Chapel Hill
Role: Teaching Assistant

2010-11 Course: Principles of Toxicology
Harvard School of Public Health
Role: Teaching Assistant

2013- Course: Topics of Environmental and Occupational Epidemiology
Brown University School of Public Health
Role: Instructor

2016 Course: Introduction to Methods in Epidemiologic Research
Brown University School of Public Health
Role: Instructor

2017- Course: Research Grant Writing for Public Health
Brown University School of Public Health
Role: Instructor

SERVICE AND ACTIVITIES

Departmental

2012 Member of PhD Admissions Committee
2013-2018 Member of ScM Admissions Committee
2013-14 Chair of Department Seminar/Social Committee
2014-2018 Chair of ScM Admissions Committee
2014-15 Chair of Department Social Committee
2014-15 Member of Curriculum Committee
2016-18 Director of ScM Program
2020- Chair of Department Curriculum Committee

University

2018 Member of Sustainability Strategic Planning and Advisory Committee
2022 Member of Chemical Red List Committee

Editorial

2011-2015 Editorial Board, Environmental Health Perspectives
2014- Editorial Board, Environmental Health
2016-2021 Associate Editor, Environmental Health Perspectives
2017- Editorial Board, Environmental Epidemiology

Journal Refereeing

American Journal of Epidemiology, American Journal of Public Health, Archives of General Psychiatry, Chemosphere, Environmental Epidemiology, Environmental Health, Environmental Health Perspectives, Environment International, Environmental Research, Environmental Science and Technology, Epidemiology, Journal of Autism and Developmental Disabilities, JAMA, JAMA Open, JAMA Pediatrics, Neurotoxicology, Neurotoxicology and Teratology.

Advisory Boards

2016, 2020 External Advisory Board, Research Training Program in Environmental Pediatrics, Department of Preventive Medicine, Icahn Mt. Sinai School of Medicine

Committees

2016- Conference Organizing Committee, International Society of Environmental Epidemiology
2016- Member of ECHO Steering Committee, NIH
2019-2021 Co-Chair of ECHO Neurodevelopmental Working Group
2021- MIREC Biobank Management Committee

Expert Panels and Reviews

2015 Identifying Research Needs for Assessing Safe Use of High Intakes of Folic Acid, National Toxicology Program and Office of Dietary Supplements
2016 Reviewer of National Toxicology Program's Immunotoxicity Associated with Exposure to PFOA or PFOS
2016 Advisor to National Academy of Sciences Panel on Endocrine-Related Low-Dose Toxicity
2022 Reviewer, EPA, Integrated Science Assessment (ISA) for Lead (Pb)

Grant Review

2010-2012 Harvard School of Public Health NIEHS Center, ad hoc reviewer
2011, 2013 Autism Speaks, ad hoc reviewer
2015 NIH – IRAP, 10/13/2015
2015 NIEHS - K22/K23 Review Panel (ZES1 LWJ-J (K)), 7/9/2015
2017 NIH – INMP, 6/27/17-6/28/17
2017 NIEHS – Special Emphasis Panel (ZES1 LAT-D (K2)), 7/13/2017
2018 Environment and Health Fund, Pilot Projects
2018 NIH – K08, K23, K24, and K25 Review (ZES1 JAB-D (K2)), 11/13/18

2018 EPA – National Priorities Study Section on PFAS, 8/1/2018
2019 NIH – NAME, ad hoc reviewer, October 2019
2020-2022 Permanent Member, NAME Study Section, National Institutes of Health
2022- Permanent Member, SEDH Study Section, National Institutes of Health

Organizations
2017- Council Member, International Society of Children's Health and the Environment

Section Editor
Current Epidemiology Reports, Volume 3, Issue 2, 2016
Current Epidemiology Reports, Volume 4, Issue 1, 2017

Workshops
2015 Co-facilitator of NIEHS workshop on Statistical Approaches for Assessing Health Effects of Environmental Chemical Mixtures in Epidemiology Studies. RTP, July 13-14, 2015
2016 Organizing Committee, Gordon Research Conference on Environmental Endocrine Disruptors. Newry, ME, June 20-24, 2016.
2017 Organizing Committee, Academic Pediatric Association Environmental Health Scholars Retreat, Washington, DC, January 6-8, 2017
2018 Organizing Committee, Academic Pediatric Association Environmental Health Scholars Retreat, Providence, RI, October 5-7, 2018
2019 Organizing Committee, Academic Pediatric Association Environmental Health Scholars Retreat, Providence, RI, November 2-3, 2019

ADVISING AND MENTORING

Postdoctoral Research Associates
- Deborah Watkins, 2012-2013; Appointment: Associate Professor, University of Michigan
- Megan Romano, 2013-2016; Appointment: Associate Professor, Dartmouth College
- Samantha Kingsley, 2017-2019; Appointment: RI Department of Health
- Shaina Stacy, 2015-2016; Appointment: Epidemiologist, GlobalData
- Medina Jackson-Browne, 2016-2019; Appointment: Faculty, University of Delaware
- Nan Li, 2017-2019; Appointment: Epidemiologist, Biogen
- Clara Sears, 2017-2020; Appointment: Assistant Professor, University of Louisville
- Jamie Liu, 2019-Present
- Amber Hall, 2022-Present

Doctoral
Chair and Advisor:
- Jessica Shoaff, 2012-2016, Early Life Phthalate Exposure and Childhood Growth and Adiposity; Present Appointment: Epidemiologist, Biogen
- Geetika Kalloo, 2015-2019, Prenatal Environmental Chemical Mixtures and Children's Neurodevelopment; Present Appointment: Epidemiologist, Biogen
- Marisa Patti, 2018-2022, Prenatal Arsenic Exposures and Child Phenome; Present Appointment: Postdoc, Drexel University

Committee Member:

- Tracy Jackson 2014-2016, Brown University: Patterns, Predictors, and Consequences of Childhood Injury
- Courtney Choy 2017-2021, Brown University: Childhood Obesity and Cardiometabolic Disease Risk in Samoa
- Christopher Barry, 2019-2022, Brown University: Prenatal Ethanol Exposure and Early Life Growth
- Nerea Muorino Castro, 2019-2023, University of Santiago de Compostela: Early Life Tobacco Smoke Exposure and Child Adiposity and Cardiometabolic Health

Master's

Primary Advisor:

- Adila Prasodjo, MPH 2013: Serum Cotinine and Folate Concentrations in Pregnancy; Present Appointment: United Nations Population Fund
- Raul Smego, MPH 2015: Prenatal PCB Exposure and Thyroid Function; Present Appointment: GIS Research Analyst, Hassenfeld Child Health Innovation Institute
- Taylor Etzel, ScM 2017: Prenatal Triclosan Exposure and Neonatal Outcomes; Present Appointment: Doctoral Student, Johns Hopkins
- Nithya Ramesh, MPH 2017: Perfluroalkyl Substance Exposure and Child Dental Caries; Present Appointment: Doctoral Student, Harvard Chan School of Public Health
- June Jiao, MPH 2018: Perfluoroalkyl Substances and Adolescent Cardiometabolic Disease; Present Appointment: Lab Manager, Penn State University
- Julianne Skarha, ScM 2019: Preconception Triclosan and Thyroid Function; Present Appointment: Doctoral Student, Brown University
- Noelle Henderson, ScM 2020: Breastfeeding and Non-Persistent Chemical Exposures; Present Appointment: Doctoral Student, Boston University
- Priya Gajjar, ScM, 2021: BPS/BPA Exposure and Child Adiposity; Present Appointment: Data Analyst, BU Medical Center.
- Serena Russell, ScM, 2021: BPA Exposure and Maternal Depressive Symptoms; Present Appointment: Doctoral Student, Columbia University
- Emmanuella Asiedu, MPH, 2022: Triclosan Exposure and Adolescent Memory; Present Appointment: Doctoral Student, Dartmouth College
- Zhuoya Zhang, MPH, 2022: Early Adolescent Eating Behaviors and Cardiometabolic Risk

Reader/Examiner:

- Kathryn Haron, MPH 2014: ADHD and the Occurrence of Migraines
- Sarah Gaskell, MPH 2016: Adherence to Preeclampsia Diagnosis and Treatment Guidelines
- Jaclyn Parks, MS 2020, Simon Fraser University, Cotinine, Tobacco Smoke, and Diet

Undergraduates

- Marisa Millenson, BA 2016, Prenatal Pesticide Exposure and Autistic Behaviors
- Harry Sultan, BA 2022, Dietary Predictors of Adolescent PFAS Exposure

Clinical Fellows

- Catherine Buck, MD, 2017-2019; Present Appointment: Assistant Professor, Yale Medicine.

Junior Faculty

- Nan Li, PhD, Presently Associate Director of Epidemiology, Biogen
- Jessie P. Buckley, Presently Associate Professor, Johns Hopkins School of Public Health
- Katherine Manz, Presently Assistant Professor (Research), Brown University

GRANT FUNDING

Current Funding as PI or MPI

Title: A Residential Dust Control Intervention to Reduce Early Childhood Exposure to Chemical Mixtures
Source and Project Number: NIEHS, R21 ES034187
Role: Principal Investigator
Years: 2022-2024

Title: Gestational PFAS Mixture Exposures, Longitudinal Metabolomic Profiles, and Adolescent Cardiometabolic Health
Source and Project Number: NIEHS, R01 ES032836
Role: Principal Investigator
Years: 2021-2005

Title: Maternal and Paternal Preconception Environmental Exposures and Children's Health
Source and Project Number: NIEHS, R01 ES027408
Role: Multiple Principal Investigator
Years: 2017-2022

Current Funding as co-Investigator

Title: Prenatal Exposure to Endocrine Disrupting Chemical Mixtures and ASD Risk
Source and Project Number: NIEHS, R01 ES026903
Role: Co-Investigator (PI: Newschaffer)
Years 2017-2022

Title: A targeted approach to investigate effects of multiple modifiable environmental factors on autistic traits
Source and Project Number: NIEHS R01 ES032552
Role: Co-Investigator (PI: Oulhote)
Years: 2022-2026

Title**:** A deep phenotyping network for understanding human islet variation in health and diabetes
Source and Project Number: CIHR
Role: Unpaid Co-Investigator (PIs: Bruin, Johnson, Xia)
Years: 2022-2025

Title: Endocrine disrupting chemical mixtures and bone health in adolescence
Source and Project Number: NIEHS, R01 ES033252
Role: Co-Investigator (PI: Buckley)
Years: 2021-2026

Title: Impact of pre- postnatal chemical mixture exposures on child neurobehavior and neuroimaging
Source and Project Number: R01 ES033054
Role: Co-Investigator (PI: Chen)
Years: 2021-2026

Title: Longitudinal Impact of Air Pollution on Mental Health and Neuroimaging Outcomes during Adolescence in the Cincinnati Combined Childhood Cohorts (C4)
Source and Project Number: R01 ES031621
Role: Co-Investigator (MPIs: Yolton, Cecil, & Ryan)
Years: 2021-2025

Title: Exposure to phthalate mixtures in pregnancy and long-term consequences for maternal metabolic and hormonal status
Source and Project Number: NIEHS, R01 ES032227
Role: Co-Investigator (PI: Strakovsky)
Years: 2021-2025

Title: Early Life Phthalate and Perfluoroalkyl Substance Exposures and Childhood Bone Health
Source and Project Number: NIEHS, R01 ES030078
Role: Co-Investigator (PI: Buckley)
Years: 2018-2023

Title: Developmental Neurotoxicity of Organophosphate and Novel Brominated Flame Retardants in Children
Source and Project Number: NIEHS, R01 ES028277
Role: Co-Investigator (PI: Chen)
Years: 2017-2022

Title: The Developing Brain: Influences and Outcomes
Source and Project Number: NIH UG3 OD023313
Role: Co-Investigator (PI: Deoni)
Years: 2016-2023

Title: Early Life Organophoshate Ester (OPE) exposures and adiposity and cardiometabolic health during adolescence
Source and Project Number: NIEHS, R01
Role: Co-Investigator (PI: Vuong)
Years: 2022-2027

Completed Funding

Title: Early Life Perfluoroalkyl Substance Exposure & Obesity: Mechanisms & Phenotyping
Source and Project Number: NIEHS, R01 ES025214
Role: Principal Investigator

Title: Acquisition of a High-Resolution Liquid Chromatography-Mass Spectrometer for Environmental Monitoring and Metabolomics Research and Training
Source and Project Number: NSF, 1919870
Role: Co-Investigator (PI: Pennell)

Title: An Investigation into Porch Dust Lead Levels
Source and Project Number: US Dept of Housing and Urban Development
Role: Co-Investigator (PI: Jacobs)

Title: Endocrine Disrupting Chemicals, Thyroid Hormones, and Child Neurobehavior
Source and Project Number: NIEHS R01 ES024381
Role: Principal Investigator

Title: BPA, Phthalates & Stress: Mechanisms and Interactions for Childhood Obesity
Source and Project Number: NIEHS R01 ES021357
Role: Co-Investigator

Title: Prenatal Sex Steroids, Bisphenol A, Phthalates, and Sexually Dimorphic Behaviors
Source and Project Number: NIEHS R00 ES020346
Role: Principal Investigator

Title: Environment and Child Health Outcome Study-Pilot Phase
Source and Project Number: Brown University
Role: Co-Principal Investigator

Title: Prenatal Sex Steroids, Bisphenol A, Phthalates, and Sexually Dimorphic Behaviors
Source and Project Number: NIEHS K99 ES020346
Role: Principal Investigator

PUBLICATIONS

Publication Summary

Type of Article	Total	First Author	Senior Author
Peer-Reviewed	192	35	53
Non-Reviewed	8	6	2
Letters/Commentary	7	4	1

Publication Impact Metrics (Google Scholar)
Citations: 12,095
h-index: 56

Peer Reviewed Publications (Underline: First author was mentored by Dr. Braun)

1. **Braun JM**, Froehlich TF, Kahn RS, Auinger P, Lanphear BP. Exposures to environmental toxicants and attention deficit hyperactivity disorder in U.S. children. *Environ Health Perspect,* 2006;114 (12):1904-1909. PMCID: PMC1764142.
2. Baker AM, **Braun JM**, Salafia CM, et al. Risk factors for uteroplacental vascular compromise and inflammation. *Am J Obstet Gynecol,* 2008*;* 199(3):256 e251-259. PMCID: PMC2680821.
3. **Braun JM,** Froehlich TE, Daniels JL, et al. Association of environmental toxicants and conduct disorder in U.S. children: NHANES 2001-2004. *Environ Health Perspect,* Jul 2008;116(7):956-962. PMCID: PMC2453167
4. **Braun JM**, Yolton K, Dietrich KN, et al. Prenatal bisphenol A exposure and early childhood behavior. *Environ Health Perspect,* Dec 2009;117(12):1945-1952.
5. Froehlich TE, Lanphear BP, Auinger P, Hornung R, Epstein JN, **Braun J**, Kahn RS. Association of tobacco and lead exposures with attention-deficit/hyperactivity disorder. *Pediatrics,* 2009;124(6):e1054-1063.
6. **Braun JM**, Daniels JL, Kalkbrenner A, Zimmerman J, Nicholas JS. The Effect of Maternal Smoking during Pregnancy on Intellectual Disabilities among 8-Year Old Children in Arkansas, Georgia, North Carolina, and Utah. *Paediatr Perinat Epidemiol,* 2009; 23(5): 482-491.
7. **Braun J**, Daniels J, Poole C, et al. A prospective cohort study of biomarkers of prenatal tobacco smoke exposure: The correlation between serum and meconium and their association with infant birth weight. *Environmental Health,* 2010; 24(6):524-34. PMCID: PMC3509191.
8. **Braun JM**, Daniels JL, Poole C, et al. Prenatal Tobacco Smoke Exposure and Early Childhood BMI. *Paediatric and Perinatal Epidemiolgy.* 2010; 24(6):524-34.
9. Kalkbrenner AE, Hornung RW, Bernert JT, Hammond SK, **Braun JM**, Lanphear BP. Determinants of serum cotinine and hair cotinine as biomarkers of childhood secondhand smoke exposure. *J Expo Sci Environ Epidemiol.* 2010;20(7):615-24. PMCID: PMC2972673.
10. Anderko L, **Braun JM**, Auinger P. Contribution of Tobacco Smoke Exposure to Learning Disabilities. *Journal of Obstetric, Gynecologic, and Neonatal Nursing.* 2010;39(1):111-117.
11. **Braun JM**, Kalkbrenner AE, Calafat AM, et al. Impact of early-life bisphenol a exposure on behavior and executive function in children. *Pediatrics.* Nov 2011;128(5):873-882
12. Sathyanarayana S, **Braun JM**, Yolton K, Liddy S, Lanphear BP. A Case Study of High Prenatal Bisphenol A Exposure and Infant Neonatal Neurobehavior. *Environ Health Perspect.* 2011;23(2): 233-9. PMCID: PMC3208956.

13. **Braun JM**, Kalkbrenner AE, Calafat AM, et al. Variability and Predictors of Urinary Bisphenol A Concentrations During Pregnancy. *Environ Health Perspect,* 2011;119(1):131-7. PMCID: PMC3018492.
14. **Braun JM**, Lucchini R, Bellinger D, Hoffman E, Nazzaro M, Smith DR, Wright RO. Predictors of virtual radial arm maze performance in adolescent Italian children. *Neurotoxicology,* 2012; 5:1203-11. PMCID: PMC340779.
15. Kalkbrenner AE, **Braun JM**, Durkin MS, Maenner MJ, Cunniff C, Lee LC, Pettygrove S, Nicholas JS, and Daniels JL. Maternal smoking during pregnancy and the prevalence of autism spectrum disorders using data from the Autism and Develomental Disabilities Monitoring network. *Environ Health Perspect,* 2012; 120(7):1042-8. PMCID: PMC3404663.
16. **Braun JM,** Hoffman E, Schwartz J, Sanchez B, Schnaas L, Mercado-Garcia A, Solano-Gonzalez M, Bellinger DC, Lanphear BP, Hu H, Tellez-Rojo MM, Wright RO, Hernandez-Avila M. Assessing windows of susceptibility to lead-induced cognitive deficits in Mexican children. *Neurotoxicology,* 2012; 5:1040-7.
17. Rauch SA, **Braun JM**, Barr DB, Calafat AM, Khoury J, Motesano JA, Yolton K, and Lanphear BP. Associations of prenatal exposure to organophosphate pesticide metabolites with gestational age and birthweight. *Environ Health Perspect*, 2012; 120(7):1055-60. PMCID: PMC3576696.
18. Smith KW, **Braun JM**, Williams PL, Ehrlich, Berry K, Calafat, AM, Ye X, Ford J, Keller M, Meeker JD, Hauser R. Predictors and variability of urinary paraben concentrations in men and women, includign before and during pregnancy. *Environ Health Perspect,* 2012; 120(11):1538-43.
19. **Braun JM**, Smith KW, Williams PL, et al. Variability of Urinary Phthalate Metabolite and Bisphenol A Concentrations before and during Pregnancy. *Environ Health Perspect,* 2012; 120(5):739-45. PMCID: PMC3346778.
20. Gillmore S, Larson B, **Braun J**, Cruz-Barba L, Savage D, Denes F, Lagally M. Long-Term Reduction in Poly(dimethylsiloxane) Surface Hydrophobicity via Cold-Plasma Treatments. *Langmuir*, 2013; 29(42):12990–12996.
21. **Braun JM**, Just A, Williams P, Smith K, Calafat A, Hauser R. Personal care product use and urinary phthalate metabolite and paraben concentrations during pregnancy among women from a fertility clinic. *J Expo Sci Environ Epidemiol.* 2013; 24(5):459-66. PMCID: PMC4016195.
22. Burris HH, **Braun JM**, Byun HM, et al. Association between birth weight and DNA methylation of IGF2, glucocorticoid receptor and repetitive elements LINE-1 and Alu. *Epigenomics.* Jun 2013;5(3):271-281. PMCID: PMC3787720.
23. Patisaul HB, Roberts SC, Mabrey N, McCaffrey, KA, Gear RB, **Braun J**, Belcher SM, and Stapleton HM. Accumulation and endocrine disrupting effects of the flame retardant mixture firemaster((R)) 550 in rats: an exploratory assessment. *J Biochem Mol Toxicol*, Feb 2013;27(2):124-136. PMCID: PMC3788594.
24. Spanier AJ, Fausnight T, Camacho TF, and **Braun JM**. The association of triclosan and paraben expsoure with allergen sensitization and wheeze in chidlren. *Allergy and Asthma Proceedings*, 2014; 35(6): 475-481.
25. **Braun JM,** Lanphear BP, Calafat AM, Deria S, Khoury J, Howe CJ, and Venners SA. Early Life Bisphenol A Exposure and Child Body Mass Index: A Prospective Cohort Study. *Environ Health Perspect*, 2014; 122(11): 1239-1245. PMCID: PMC4216170

26. Watkins DJ, Eliot M, Sathyanarayana S, Calafat AM, Yolton K, Lanphear BP, **Braun JM**. Variability and Predictors of Urinary Concentrations of Phthalate Metabolites during Early Childhood. *Environ Sci Technol*, 2014; 48(15):8881-90. PMCID: PMC4123928.

27. Braun JM, Wright RJ, Just AC, Power MC, Tamayo y Ortiz M, Schnaas L, Hu H, Wright RO, and Tellez-Rojo MM. Relationships between Lead Biomarkers and Diurnal Salivary Cortisol Indices in Pregnant Women from Mexico City: A Cross-Sectional Study. *Environmental Health*. 2014; 13(1): 50. PMCID: PMC4068833.

28. Serrano SE, **Braun J**, Trasande L, Dills R, and Sathyanarayana S. Phthalates and diet: a review of the food monitoring and epidemiology data. *Environ Health*. 2014; 13(1): 43.

29. Prasodjo A, Pfeiffer CM, Fazili Z, Xu Y, Liddy S, Yolton K, Savitz DA, Lanphear BP, and **Braun JM**. Serum Cotinine and Whole Blood Folate Concentrations in Pregnancy. *Annals of Epidemiology.* 2014; 24(7): 498-503. PMCID: PMC4071615.

30. Braun JM, Froehlich T, Kalkbrenner A, et al. Brief Report: Are Autistic-Behaviors in Children Related to Prenatal Vitamin Use and Maternal Whole Blood Folate Concentrations? *J Autism Dev Disord.* 2014; 44(10): 2602-2607. PMCID: PMC4167931.

31. Braun JM, Kalkbrenner AE, Just AC, et al. Gestational Exposure to Endocrine-Disrupting Chemicals and Reciprocal Social, Repetitive, and Stereotypic Behaviors in 4- and 5-Year-Old Children: The HOME Study. *Environ Health Perspect.* May 2014;122(5):513-20. PMCID: PMC4014765.

32. Werner EF,* **Braun JM**,* Yolton K, Khoury K, Lanphear BP. The Association between Maternal Urinary Phthalate Concentrations and Blood Pressure in Pregnancy: The HOME Study. *Environ Health*. 2015; 14:75. PMCID: PMC4574131. *-Dual first authors

33. Wagner-Schuman M, Richardson JR, Auinger P, **Braun JM**, Lanphear BP, Epstein JN, Yolton K, and Froehlich TE. Association of Pyrethroid Pesticide Exposure with Attention-Deficit/Hyperactivity Disorder in a Nationally Representative Sample of U.S. Children. *Environ Health*. 2015; 14:44. PMCID: PMC4458051

34. Romano ME, Webster GM, Vuong AM, Zoeller RT, Chen A, Hoofnagle AN, Calafat AM, Karagas MK, Yolton K, Lanphear BP, **Braun JM**. Gestational Urinary Bisphenol A and Maternal and Newborn Thyroid Hormone Concentrations: The HOME Study. *Environ Res*, 2015; 138: 453-460. PMCID: PMC4403004.

35. Vuong AM, Webster GM, Romano ME, **Braun JM**, Zoeller RT, Hoofnagle AN, Sjödin A, Yolton K, Lanphear BP, Chen A. Maternal polybrominated diphenyl ether (PBDE) exposure and thyroid hormones in maternal and cord sera. *Environ Health Perspect*, 2015; 123(10):1079-85. PMCID: PMC4590759.

36. Braun JM, Chen A, Romano ME, Calafat, AM, Webster GM, Yolton K, Lanphear BP. Prenatal Perfluoroalkyl Substance Exposure and Child Adiposity at 8 Years of Age: The HOME Study. *Obesity*. 2016; 24(1):231-7 PMCID: PMC4688224.

37. Percy Z, Xu Y, Sucharew H, Khoury JC, Calafat AM, **Braun JM**, Lanphear BP, Chen A, Yolton K. Gestational exposure to phthalates and gender-related play behaviors in 8-year-old children: an observational study. *Environmental Health*, 2016; 15(1):87. PMCID: PMC4986248.

38. Zhang H, Yolton K, Webster GM, Sjödin A, Calafat AM, Dietrich KN, Xu Y, Xie C, **Braun JM,** Lanphear BP, Chen A. Prenatal PBDE and PCB exposures and reading, cognition, and externalizing behavior in children. *Environ Health Perspect*, 2016; 125(4):746-752. PMCID: PMC5381998.

39. Tewar S, Auinger P, **Braun JM**, Lanphear BP, Yolton K, Epstein J, Ehrlich S, and Froehlich T. Association of Bisphenol A Exposure and Attention-Deficit/Hyperactivity Disorder in a National Sample of U.S. Children. *Environ Res*, 2016; 150:112-8.

40. Shoaff JR, Romano ME, Yolton K, Lanphear BP, Calafat AM, and **Braun JM**. Prenatal Phthalate Exposure and Infant Size at Birth and Gestational Duration. *Environmental Research.* 2016; 150:52-8. PMCID: PMC5003714.

41. Romano ME, Xu Y, Calafat AM, Yolton K, Chen A, Webster GM, Eliot MN, Howard CR, Lanphear BP, and **Braun JM.** Maternal serum perfluoroalkyl substances during pregnancy and duration of breastfeeding. *Environmental Research*. 2016; 149:329-46. PMCID: PMC4907828.

42. Zheng T, Zhang J, Sommer KE, Bassig BA, Zhang XC, **Braun J**, et al. Effects of Environmental Exposures on Fetal and Childhood Growth Trajectories. *Ann Glob Health,* 2016; 82(1):41-99.

43. Vuong AM, Yolton K, Webster GM, Sjodin A, Calafat AM, **Braun JM**, Dietrich KN, Lanphear BP, and Chen AC. Prenatal polybrominated diphenyl ether and perfluoroalkyl substance exposures and executive function in school-age children. *Environmental Research*. 2016; 124(12):1891-1897. PMCID: PMC5132628.

44. Buckley JP, Engel SM, **Braun JM**, Whyatt RM, Daniels JL, Mendez MA, Richardson DB, Calafat AM, Lanphear BP, Wolff MS, Herring AH, Rundle AG. Prenatal Phthalate Exposures and Body Mass Index among 4 to 7-Year-old Children: A Pooled Analysis. *Epidemiol,* 2016; 27(3):449-58. PMCID: PMC482174.

45. Zhang H, Yolton K, Webster GM, Sjödin A, Calafat AM, Dietrich KN, Xu Y, Xie C, **Braun JM,** Lanphear BP, Chen A. Erratum: Prenatal PBDE and PCB exposures and reading, cognition, and externalizing behavior in children. *Environ Health Perspect,* 2016; 125(4):746-752. PMCID: PMC5743573.

46. Braun JM, Kalloo G, Chen, A, Dietrich KN, Liddy-Hicks S, Morgan S, Xu Y, Yolton K, and Lanphear BP. Cohort Profile: The Health Outcomes and Measures of the Environment (HOME) Study. *Int J Epidemiol,* 2017; 46(1):24. PMCID: PMC5837495.

47. Braun JM, Bellinger DC, Hauser R, Wright RO, Chen A, Calafat AM, Yolton K, and Lanphear BP. Prenatal Phthalate, Triclosan, and Bisphenol A Exposures and Child Visual-Spatial Abilities. *Neurotoxicology*. 2017; 58:75-83 PMCID: PMC.5303542.

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Non-Reviewed Publications (Underline: First author was mentored by Dr. Braun)

1. **Braun JM** and Hauser R. Bisphenol A and children's health. *Curr Opin Pediatr.* Feb 2 2011.
2. **Braun JM**, Sathyanarayana S, Hauser R. Phthalates and children's health. *Curr Opin Pediatr.* Feb 19 2013.
3. Romano ME, Savitz DA, **Braun JM**. Challenges and future directions to evaluating the association between prenatal exposure to endocrine disrupting chemicals and childhood obesity. *Current Epidemiology Reports.* 2014;1(2):57-66.
4. **Braun JM**, Gennings C, Hauser R, Webster TF. What can Epidemiological Studies Tell Us about the Impact of Chemical Mixtures on Human Health? *Environ Health Perspect,* 2016: 124(1):A6-9. PMCID: PMC.4710611.
5. Taylor K, Joubert BR, **Braun JM**, Dilworth C, Gennings C, Hauser R, Heindel JJ, Rider CV, Webster TF, and Carlin DJ. Statistical Approaches for Assessing Health Effects of Environmental Chemical Mixtures in Epidemiology. *Environ Health Perspect*. 2016; 124(12):A227-A-229. PMCID: PMC5132642.
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7. **Braun JM**. Invited Commentary: Pre-conception susceptibility to endocrine disruptors. *Nature Reviews Endocrinology.* 14: 505-506. 2018.
8. Sears CG and **Braun JM.** Phthalate Exposure, Adolescent Health, and the Need for Primary Prevention. *Endocrinol Metab Clin N Am*. 49: 759-770. 2020.

Letters (Underline: First author was mentored by Dr. Braun)

1. **Braun JM** and Lanphear BP. Comments on 'Lead neurotoxicity: is prenatal exposure more important than postnatal exposure?" *Acta Paediatr.* 2007; 96(4): 473.
2. **Braun JM** and Kalkbrenner A. Autism prevalence: the potential for cross-level bias. *Archives of pediatrics and adolescent medicine.* 2009; 163(5): 492.
3. **Braun JM.** Endocrine Disrupting Compounds, Gonadal Hormones, and Autism. *Developmental Medicine and Child Neurology.* 2012.
4. **Braun JM.** When do Exposure Biomarkers Reflect More than Just Exposure? *American Journal of Epidemiology.* 2017.
5. Romano ME, Kalloo G, Etzel T, **Braun JM.** Seasonal Variation in Exposure to Endocrine Disrupting Chemicals. *Epidemiology.* 2017.
6. Koch HM, Lessmann F, Swan SH, Hauser R, Kolossa-Gehring M, Frederiksen H, Andersson AM, Thomsen C, Sakhi AK, Bornehag CG, Mueller JF, Rudel RA, **Braun JM**, Harth V, and Brüning T. Analyzing terephthalate metabolites in human urine as biomarkers of exposure: importance of selection of metabolites and deconjugation enzyme. *J Chrom B.* 2018.

Invited Commentary

1. Braun JM, Sears CG. Invited Perspective: How Can Studies of Chemical Mixtures and Human Health Guide Interventions and Policy? *Environmental Health Perspectives.* 2021.

Monographs

1. National Toxicology Program Monograph: Identifying Research Needs for Assessing Safe Use of High Intakes of Folic Acid

Book Chapters and Reports

1. White RF, **Braun JM**, Kopylev L, Segal D, Sibrizzi CA, Lindahl AJ, Hartman PA, Bucher JR. 2022. NIEHS report on evaluating features and application of neurodevelopmental tests in epidemiological studies. Research Triangle Park, NC: National Institute of Environmental Health Sciences. NIEHS Report 01.
2. Perfluoroalkyl Substances in the Environment: Theory, Practice, and Innovation, Co-Author of Chapter on Perfluoroalkyl Substance Toxicity from Early Life Exposure; Editors: David M. Kempisty, Yun Xing, LeeAnn Racz
3. Dioxins 3rd Edition, Co-author of Chapter on Bisphenol A; Editor: Arnold Schecter
4. WHO/FAO Report on BPA Toxicity; Co-author of human studies section

INVITED PRESENTATIONS (V-virtual)

- Neurobehavioral Consequences of Early Life Exposure to Endocrine Disrupting Compounds. Planetary Emergencies Conference. August 19-24, 2011.
- Bisphenol A and Human Health. New England Chapter of the Society for Risk Analysis. December 14, 2011.
- Early life exposure to endocrine disrupting compounds and child behavior. Queen's University Dept of Biomedical and Molecular Sciences Plenary Lecture. March 23, 2012.
- Bisphenol A and Human Health. Massachusetts's General Hospital Human Teratogens Course. April 23, 2012.
- Bisphenol A and Children's Health. Massachusetts's General Hospital Fertility Group. May 30, 2012.
- Bisphenol A and Human Health. Pediatric Academic Society Symposium on Endocrine Disrupting Chemicals. April 30, 2012.
- Bisphenol A and Children's Health. Gordon Research Conference on Environmental Endocrine Disruptors. June 6, 2012.
- Early life exposure to endocrine disrupting chemicals and autistic-like behaviors in children. French National Program on Endocrine Disruptors. December 10, 2012. *Keynote Speaker*
- BPA and human health: Epidemiological evidence and its interpretation. American Academy for the Advancement of Science. February 26, 2013.
- Epidemiological approaches to studying predictors and neurobehavioral effects of endocrine disrupting chemical mixtures. University of Wisconsin-Milwaukee. May 2, 2013.
- Predictors and Consequences of Exposure to Endocrine Disrupting Compound Mixtures. Grenoble University. August 26, 2013.
- Epidemiological approaches to studying predictors and neurobehavioral effects of endocrine disrupting chemical mixtures. Copenhagen Workshop on Endocrine Disruptors. May 29, 2013.
- An epidemiological framework for evaluating early life exposure to endocrine disrupting chemical mixtures. University of Cincinnati. October 9, 2013.
- Early Life BPA Exposures and Child Growth & Neurodevelopment. Mt. Sinai School of Medicine Department of Preventive Medicine Grand Rounds. April 11, 2014.
- Developmental Obesogen Exposure: Perfluoroalkyl Substances. Columbia University Institute of Human Nutrition. December 12, 2014.
- Developmental Obesogen Exposure: Perfluoroalkyl Substances. Harvard School of Public Health. February 12, 2015.
- Developmental Obesogen Exposure: Perfluoroalkyl Substances. Copenhagen Workshop on Endocrine Disruptors. April 30, 2015
- Challenges and Opportunities in Epidemiological Studies of Mixtures. Statistical Approaches for Assessing Health Effects of Environmental Chemical Mixtures in Epidemiology Studies. National Institute of Environmental Health Sciences. July 13, 2015.
- Developmental Exposure to Environmental Chemicals and Children's Health: The HOME Study. Department of Epidemiology, University of Michigan. March 15, 2016.
- Neurotoxicity of Endocrine Disrupting Chemicals: Beyond BPA and the Prenatal Window. Gordon Research Conference on Environmental Endocrine Disruptors. June 21, 2016.
- What Can Prospective Birth Cohort Studies Tell Us About Endocrine Disrupting Chemicals? National Institute of Environmental Health Sciences 25 Years of Endocrine Disruption Research: Past Lessons and Future Directions. September 19, 2016.

- Early Life Environmental Chemical Exposures and Children's Health: The HOME Study. Columbia University. October 14, 2016
- Early Life Environmental Chemical Exposures and Children's Health: The HOME Study. Cincinnati Children's Hospital Medical Center. October 26, 2016
- Prenatal Chemical Exposures and Child Growth/Development, Environmental Health Foundation, Tel-Aviv, Israel. September 18, 2017.
- Early Life Environmental Chemical Exposures and Children's Health. Department of Epidemiology, Boston University, Boston, MA. November 7, 2017.
- Do Early Life Environmental Chemical Exposures Increase the Risk of Neonatal and Childhood Disease? Society for Maternal and Fetal Medicine. Dallas, TX. January 31, 2018.
- Links between Human PFAS Exposure, Obesity, & Molecular Mechanisms. Collaborative for Health and the Environment Webinar. February 6, 2018.
- PFAS Exposure and Fetal, Infant, and Child Health. Federal Information Exchange on PFAS. Washington, DC. February 6, 2018.
- Early Life Environmental Chemical Exposures and Adolescent Health. Columbia University. New York, NY. April 30, 2018.
- Pre-Conception Environmental Exposure's and Children's Health. Collaborative on Health and the Environment. Webinar. October 17, 2018. (V)
- Endocrine Disrupting Chemicals and Child Neurobehavior. University of Illinois-Champaign Urbana. October 19, 2018.
- Identifying Metabolic Pathways Associated with Childhood Exposure to Perfluorooctanoic Acid. Annual Superfund Research Program Meeting. Sacrament, CA. November 30, 2018.
- What's in the Water? Do Low Levels of PFAS in Drinking Water Threaten Human Health. International Society for Children's Health and the Environment Meeting. January 9, 2019.
- Linking Chemical Exposures, Biological Pathways, and Child Health Outcomes. Northeast Superfund Research Program. April 3, 2019. *Keynote Speaker.*
- Do Low Levels of PFAS in Drinking Water Threaten Children's Health. Congressional Staffer Briefing. September 24, 2019.
- Environmental Pollutants and Children's Health. The Draper Institute. September 27, 2019.
- Developmental Perfluoroalkyl Substance Exposures and Children's Health. University of Cincinnati. October 8, 2020. (V)
- A Festchrift for Tye Arbuckle. MIREC Study Team. October 30, 2020. *Keynote Speaker*. (V)
- Preconceptional Origins of Child Health Outcomes. ECHO Meeting. June 18, 2021. (V)
- Preconceptional Origins of Child Health Outcomes. PPTOX. January 11, 2022. (V)
- Patterns, Determinants, and Cardiometabolic Health Effects of Perfluoroalkyl Substances in Pregnancy, Infancy, and Childhood. UMASS-Amherst. March 9, 2022.
- Patterns, Predictors, & Health Effects of Chemical Exposures in Children: Pathways to Prevention. Boston University. May 6, 2022.
- Cardiometabolic and Bone Health Effects of PFAS Exposure in Adolescents. Birth Defects Research Prevention Meeting. June 28, 2022.
- Preventing Lead-Related Toxicity in Children. September 30, 2022. Rhode Island Lead Summit. *Keynote Speaker.*
- Associations of Early Life PFAS Exposure with Child and Adolescent Health. Remediation Technology Summit. October 5, 2022. *Keynote Speaker.*
- Cardiometabolic Impacts of Early Life PFAS Exposure. Johns Hopkins University. November 29, 2022. (V)

SCIENTIFIC MEETING PRESENTATIONS AS PRIMARY AUTHOR (V-virtual)

- Identifying the window of greatest vulnerability to lead-induced neurotoxicity in Mexican children. Pediatric Academic Society Meeting. April 30, 2011.
- Impact of early life bisphenol A exposure on behavior and executive function in children. Pediatric Academic Society Meeting. April 30, 2011.
- Relationships between Gestational and Childhood Urinary Bisphenol A Concentration and Behavior and Executive Function at 3-Years of Age. International Society for Environmental Epidemiology. September 13, 2011.
- Variability of Urinary Phthalate Concentrations before and During Pregnancy. International Society for Environmental Epidemiology. September 15, 2011.
- Relationship between lead exposure and maternal cortisol concentrations during pregnancy. Pediatric Academic Society. April 30, 2012.
- Early life exposure to endocrine disrupting compounds and autistic-like behaviors. Pediatric Academic Society. April 30, 2012.
- Gestational Endocrine Disrupting Chemical Exposures and Autistic Behaviors in 4 to 5 year old Children. International Society for Environmental Epidemiology. August 20, 2013.
- Personal care product use and urinary paraben and phthalate metabolite concentrations during pregnancy among women from a fertility clinic. International Society for Environmental Epidemiology. August 21, 2013.
- Early Life Bisphenol A Exposure and Child Body Mass Index: A Prospective Cohort Study. International Society of Environmental Epidemiology. August 28, 2014.
- Challenges & Opportunities in Studying Environmental Toxicants: Evidence About ADHD. Pediatric Academic Societies. May 2, 2016.
- Prenatal Polybrominated Diphenyl Ether Exposure and Longitudinal Patterns of Child Neurodevelopment. Society for Epidemiological Research. June 22, 2017.
- Early Life Triclosan Exposure and Thyroid Function. Pediatric Academic Societies. Toronto, Canada. May 7, 2018. (Organized symposium on thyroid disruptors)
- A Randomized Controlled Trial to Reduce Childhood Lead Exposure and Lead-Associated Neurobehavioral Deficits. International Society for Environmental Epidemiology. August 28, 2018.
- Patterns, Determinants, and Health Effects of Early Life Perfluoroalkyl Substance Exposure: The HOME Study. Symposium Speaker at Society for Prevention Research. June 2, 2021. (V)
- The association of gestational and childhood phthalate exposure with adolescent hair cortisol: The HOME Study. International Society for Environmental Epidemiology. August 23, 2021. (V)
- Physical activity modifies the association between prenatal perfluorooctanoic acid exposure and adolescent cardiometabolic risk. International Society for Environmental Epidemiology. August 24, 2021. (V)