

Brianna F. Moore, Ph.D.

Assistant Professor, Department of Epidemiology
Core Research Co-Director for Environmental Sciences, LEAD Center
University of Colorado Anschutz Medical Campus
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Education

Ph.D. in Environmental Health, Epidemiology Specialization Colorado State University	2015.
M.S. in Health Sciences University of Texas at Tyler	2012.
B.S. in Health Studies, graduated <i>cum laude</i> University of Texas at Tyler	2010.

Current Position

Assistant Professor Department of Epidemiology Colorado School of Public Health, University of Colorado Anschutz Medical Campus	2022—Present.
Core Research Co-Director for Environmental Sciences Lifecourse Epidemiology of Adiposity and Diabetes (LEAD) Center	2022—Present.

Research Experience

Assistant Professor Department of Epidemiology, Human Genetics and Environmental Sciences The University of Texas Health Science Center (UTHealth)	2020—2022.
Postdoctoral Fellow Lifecourse Epidemiology of Adiposity and Diabetes (LEAD) Center Colorado School of Public Health, University of Colorado Anschutz Medical Campus	2016—2019.
Statistical Consultant (part-time position) Vermont Department of Health	2016—2017.
Postdoctoral Fellow (part-time position) The Department of Environmental and Radiological Health Sciences Colorado State University	2016.

Graduate Research Assistant 2012—2015.
The Department of Environmental and Radiological Health Sciences
Colorado State University

Graduate Research Assistant 2010—2012.
Department of Health and Kinesiology
The University of Texas at Tyler

Research Support

Pending

A Window of Opportunity: Understanding Risks of Cannabis Use During Breastfeeding to Inform Cessation Strategies

Institute of Cannabis Research (ICR) 000418

08/01/2026—07/31/2029.

Role: Principal Investigator

Microplastics, the gut microbiome, and maternal-child health

National Institute of Environmental Health Sciences (NIEHS) R01ES038600

04/01/2026—03/31/2031.

Role: Multiple Principal Investigator (contact), with Noel Mueller

Prenatal exposure to cannabis and child growth: Examining angiogenic and adipogenic pathways in perinatal tissues

National Institute of Drug Abuse (NIDA) R01DA063849

07/01/2026—06/30/2031.

Role: Multiple Principal Investigator (contact), with Kristen Boyle

Current

Impact of pregnancy microbiomes on maternal and child cardiovascular health in a racially and ethnically diverse cohort

National Heart, Lung, and Blood Institute (NHLBI) R01HL176997

07/01/2025—06/30/2030.

\$3,493,741

Role: Multiple Principal Investigator, with Noel Mueller (contact)

Prenatal exposure to cannabis and child cardiometabolic health outcomes

National Institute of Drug Abuse (NIDA) R21DA061104

08/15/2024—07/31/2026.

\$429,000

Role: Principal Investigator

Early life determinants of child health: A new Denver-based cohort

National Institutes of Health UG3/UH3OD035526

09/01/2023—08/31/2030.

\$17,733,615

Role: Multiple Principal Investigator, with Dana Dabelea (contact) and Anne Starling

Completed

Early-life exposure to secondhand smoke and childhood obesity

National Institute of Environmental Health Sciences (NIEHS) K99/R00ES028711

08/01/2018—02/28/2025.

\$857,719

Role: Principal Investigator

Transportability of effect estimates and cross-cohort comparisons in the ECHO program

NIH ECHO Opportunities and Infrastructure Fund UC2OD023375

09/01/2020—08/31/2022.

\$200,000

Role: Co-investigator

Cannabis use in pregnancy and offspring growth and development

UTHealth Center for Clinical and Translational Sciences (CCTS) Pilot Project

11/01/2020—06/30/2021.

\$34,049

Role: Principal Investigator

Cannabis use in pregnancy and offspring glucose-insulin traits

UTHealth PRIME Award for New Investigators

09/01/2020—08/31/2021.

\$24,036

Role: Principal Investigator

Secondhand smoke exposure and metabolic disorders among U.S. children

American Heart Association 14PRE18230007

01/01/2014—12/31/2015.

\$50,000

Role: PI-Predocctoral fellow

Obesity, eating habits, and body dissatisfaction among Texas adolescents

UT Tyler Office of Sponsored Research

01/01/2010—05/30/2010.

\$2,000

Role: PI-Undergraduate trainee

Peer-Reviewed Publications

1. Marceau K, Law A, Derefiniko KJ, Robertson OC, Nozadi S, Li L, Liu C, Leve LD, Ganiban JM, Bush N, Propper C, **Moore BF**, Elliott AJ, Calub CA, Bastian TM, Liang D, Schweitzer JB, Al-Sahab B, Schmidt RJ, Volk HE, Neiderhiser JM and the ECHO consortium. Prenatal smoking and child psychopathology associations by age and sex in the ECHO Cohort. *Development and Psychopathology*. 2026 (in print)
2. Liu T, Petersen C, Zhao N, Moraes TJ, Subbarao P, Simons E, Azad MB, Miliku K, Bode L, **Moore B**, Turvey S, Mueller NT. Human Milk and Infant Gut Microbiome in Relation to Infant Fecal Metabolome and Child Blood Pressure. *JAMA Network Open*. 2026 (in print)
3. Kendrick-Shorey L, Breton CV, Colicino E, Dabelea D, Gern JE, Karagas M, Leve LD, **Moore BF**, Neiderhiser JM, Oken E, O'Shea TM, Stanford JB, Weiss ST, Wright RJ, Zhao Q, McEvoy C, Spindel E. Association of Maternal Smoking during Pregnancy with Childhood Blood Pressure in the ECHO Cohort. *Circulation*. 2025, in press.
4. Xiao S, Allard C, Zhao N, Doyon M, Bouchard L, **Moore BF**, Perron P, Guérin R, Asselin C, Massé E, Hivert M, Mueller NT. The impact of drinking water source on gut microbiome among 5-year-old children: findings from Gen3G birth cohort. *American Journal of Epidemiology*. 2025, in press.
5. Marchant J, Ferrell M, Wei Y, Baron K, Blackwell CK, Sigal A, Geiger S, Schantz SL, Hartert T, Kelly RS, Mirzakhani H, Elliott A, Ganiban J, Dabelea D, Hash J, Stanford JB; ECHO Cohort Consortium (including **Moore BF**). Associations between a novel measure of sleep health and cognitive functioning in middle childhood: a cross-sectional Environmental Influences on Child Health Outcomes cohort study. *Sleep Adv*. 2025 Aug 18;6(3):zpag049.
6. Hedderson MM, Schuh HB, Knapp EA, Bekelman TA, Catellier DJ, Westlake M, Lyall K, Schmidt RJ, Dunlop AL, Comstock SS, Chatzi L, Sauder KA, Dabelea D, Switkowski KM, Lin PD, Avalos LA, Zhu Y, Ferrara A; ECHO Cohort Consortium (including **Moore BF**). Prenatal Diet and Infant Growth From Birth to Age 24 Months. *JAMA Network Open*. 2024 Nov 4;7(11):e2445771.
7. Aris IM, Wu AJ, Lin PD, Zhang M, Farid H, Hedderson MM, Zhu Y, Ferrara A, Chehab RF, Barrett ES, Carnell S, Camargo CA Jr, Chu SH, Mirzakhani H, Kelly RS, Comstock SS, Strakovsky RS, O'Connor TG, Ganiban JM, Dunlop AL, Dabelea D, Breton CV, Bastian TM, Farzan SF, Call CC, Hartert T, Snyder B, Santarossa S, Cassidy-Bushrow AE, O'Shea TM, McCormack LA, Karagas MR, McEvoy CT, Alshawabkeh A, Zimmerman E, Wright RJ, McCann M, Wright RO, Coull B, Amutah-Onukagha N, Hacker MR, James-Todd T, Oken E; ECHO Cohort Consortium (including **Moore BF**). Neighborhood Food Access in Early Life and Trajectories of Child Body Mass Index and Obesity. *JAMA Pediatrics*. 2024 Nov 1;178(11):1172-1182.
8. Akbaryan A, Churchill ML, McGrath M, Alshawabkeh A, Enlow MB, Brennan PA, Collazo Vargas J, Costello LA, D'Sa V, Dunlop A, Elliott AJ, Firestein M, Ghassabian A,

- Hofheimer JA, Koinis-Mitchell D, Margolis A, Morales S, Morello-Frosch R, Nozadi SS, O'Connor TG, Schantz SL, Woodruff T, Wright RJ, Shuffrey LC; ECHO Cohort Consortium (including **Moore BF**). COVID-19 Pandemic Exposure and Toddler Behavioral Health in the ECHO Program. *JAMA Netw Open*. 2025 Sep 2;8(9):e2530346.
9. Liu T, Kress AM, Debelius J, Zhao N, Smirnova E, Bandyopadhyay S, Bonham K, Comstock SS, Gill S, Gern JE, Koinis-Mitchell D, Klepac-Ceraj V, Lee-Sarwar K, Litonjua AA, McKee K, McCauley K, O'Connor TG, Rosas-Salazar C, Scheible K, Stanford JB, **Moore BF**, Jacobson LP, Mueller NT on behalf of program collaborators for Environmental Influences on Child Health Outcomes. Maternal vaginal and fecal microbiota in pregnancy contribute to offspring fecal microbiota development in the ECHO cohort. *iScience*. 2025, in press.
 10. **Moore BF**, Mueller NT, Perng W, Sauder KA, Hébert ET, Hoyt AT,* Wymore EM, Boyle KE, Su EJ, Shapiro ALB, Kinney GL, Sempio C, Klawitter J, Christians U, Dabelea D. Impact of prenatal exposure to delta 9-tetrahydrocannabinol and cannabidiol on birth size and postnatal growth trajectories. *Pediatric Obesity*. 2025 Jan;20(1):e13187.
 11. Peterson AK, Alexeeff SE, Ames JL, Feng J, Yoshida C, Avalos LA, Barrett ES, Bastain TM, Bennett DH, Buckley JP, Croen LA, Dunlop AL, Hedderson MM, Herbstman JB, Kannan K, Karagas MR, McEvoy CT, O'Connor TG, Romano ME, Sathyanarayana S, Schantz SL, Schmidt RJ, Starling AP, Trasande L, Woodruff TJ, Zhao Q, Zhu Y, Ferrara A; ECHO Cohort Consortium (including **Moore BF**). Gestational exposure to organophosphate ester flame retardants and risk of childhood obesity in the environmental influences on child health outcomes consortium. *Environ Int*. 2024 Nov;193:109071.
 12. McKee K, Bassis CM, Golob J, Palazzolo B, Sen A, Comstock SS, Rosas-Salazar C, Stanford JB, O'Connor T, Gern JE, Paneth N, Dunlop AL; ECHO Cohort Consortium (including **Moore BF**). Host factors are associated with vaginal microbiome structure in pregnancy in the ECHO Cohort Consortium. *Sci Rep*. 2024 May 23;14(1):11798.
 13. Younoszai N, Hollander C, Kinney G, Hamington Smith KL, Klawitter J, Sempio C, Christians U, Dabelea D, **Moore BF**. Childhood exposure to cannabidiol and lung function: A pilot study. *Pediatric Pulmonology*. 2024 Dec;59(12):3766-3769.
 14. Neophytou AM, Aalborg J, Magzamen S, **Moore BF**, Ferrera A, Karagas MR, Trasande L, Dabelea D. Bridging differences in the relationship between secondhand smoke exposures and birth weight: the transportability framework in the ECHO consortium. *Environmental Health Perspectives*. 2024 May;132(5):57007.
 15. **Moore BF**. Prenatal exposure to cannabis: Effects on childhood obesity and cardiometabolic health. *Current Obesity Reports*. 2024 Mar;13(1):154-166.
 16. **Moore BF**, Salmons KA, Hoyt AT, Swenson K, Bates E, Sauder KA, Shapiro ALB,

- Wilkening G, Kinney GL, Neophytou A, Klawitter J, Sempio C, Christians U, Dabelea D. Associations between in utero and postnatal exposure to cannabis with cognition and behavior at age 5 years: The Healthy Start study. *International Journal of Environmental Research and Public Health*. 2023, 20(6), 4880.
17. Cohen CC, Perng W, Sauder KA, Shapiro ALB, Starling AP, Friedman C, Felix JF, Küpers LK, **Moore BF**, Hébert JR, Shivappa N, Scherzinger A, Sundaram SS, Shankar K, Dabelea D. Maternal diet quality during pregnancy and offspring hepatic fat in early childhood: The Healthy Start Study. *The Journal of Nutrition*. Accepted January 31, 2023.
 18. Hoyt AT, Wilkinson AV, Langlois PH, Galeener CE, Ranjit N, Dabelea D, **Moore BF**. Prenatal exposure to tobacco and childhood cognition and behavior: Effect modification by maternal folate intake and breastfeeding duration. *Child Psychiatry & Human Development*. Accepted January 29, 2023.
 19. Kowalski K, Starling A, Ringham B, **Moore BF**, Dabelea D, Auerbach J, Martenies S, Magzamen S. Neighborhood walkability, historical redlining, and childhood obesity in Denver, Colorado. *Journal of Urban Health*. Accepted December 15, 2022.
 20. Martenies SE, Hoskovec L, Wilson A, **Moore BF**, Starling AP, Allshouse WB, Adgate JL, Dabelea D, Magzamen S. Using non-parametric Bayes shrinkage to assess relationships between multiple environmental and social stressors and neonatal size and body composition in the Healthy Start cohort. *Environmental Health*. Accepted October 30, 2022.
 21. Ames JL, Burjak M, Avalos LA, Braun J, Bulka C, Croen L, DeMicco E, Donghai L, Ferreara A, Fry R, Hedderson M, Karagas MR, Lang A, Lin P, Lyall K, **Moore BF**, Morello-Frosch R, OConner T, Padula A, Woodruff T, Zhu Y, Hamra GB. Prenatal exposure to mixtures of perfluoroalkyl substances (PFAS) and autism-related outcomes. *Epidemiology*. Accepted October 25, 2022.
 22. Hoyt AT, Wilkinson AV, Langlois PH, Galeener CE, Ranjit N, Sauder KA, Dabelea D, **Moore BF**. Prenatal exposure to tobacco and adverse birth outcomes: Effect modification by maternal diet and folate intake. *Maternal Health, Neonatology, and Perinatology*. 2022 Sep 12;8(1):6.
 23. **Moore BF**, Kreitner K, Starling AP, Martenies S, Magzamen S, Clark M, Dabelea D. Early-life exposure to tobacco and childhood adiposity: Identifying windows of susceptibility. *Pediatric Obesity*. 2022 Dec;17(12):e12967.
 24. **Moore BF**, Sauder KA, Shapiro ALB, Crume T, Kinney GL, Dabelea D. Fetal exposure to cannabis and childhood metabolic outcomes: The Healthy Start study. *The Journal of Endocrinology and Metabolism*. 2022 Jun 16;107(7):e2862-e2869.
 25. **Moore BF**, Starling AP, Martenies S, Magzamen S, Dabelea D. Joint effects of maternal smoking and ambient air pollution on neonatal adiposity and childhood BMI trajectories

in the Healthy Start study. *Environmental Epidemiology*. 2021 May 5;5(3):e142.

26. Venter C, Palumbo MP, Sauder KA, Glueck DH, Starling A, Ringham BM, O'Mahony L, **Moore BF**, Yang IV, Dabelea D. Examining associations between dietary inflammatory index in pregnancy, pro-inflammatory cytokine and chemokine levels at birth, and offspring asthma and/or wheeze by age 4 years. *J Acad Nutr Diet*. 2021 Oct;121(10):2003-2012.e3.
27. Shapiro ALB, **Moore BF**, Sutton B, Wilkening G, Dabelea D, Tregellas JR. In utero exposure to maternal overweight and obesity alters offspring neuronal activity and functional connectivity in middle-childhood. *Obesity*. 2020 Sep;28(9):1718-1725.
28. **Moore BF**,† Harrall KK, Sauder KA, Glueck DH, Dabelea D. Neonatal adiposity and childhood obesity. *Pediatrics*. 2020 Sep;146(3):e20200737.

†*Invited by the Editorial Board to submit a video abstract.*

29. Starling AP, **Moore BF**, Thomas DSK, Peel JL, Zhang W, Adgate JL, Magzamen SL, Martenies SE, Allshouse WB, Harrall KK, Dabelea D. Prenatal exposure to traffic-related air pollution and infant adiposity: The Healthy Start Study. *Environmental Research*. 2020 Mar;182:109-130.
30. Prinzing L, **Moore BF**, Grass D, Vose S, Voigt J, Chen H, Schuren A, Spiese R, Schwer C, Schmeltzer J, Cragin L. Assessment of and response to perfluorooctanic acid in drinking water, Bennington, Vermont. *Journal of Environmental Health*. 2020 April; 82(8):8-15.
31. **Moore BF**, Butler LM, Bachand A, Salim A, Reynolds SJ, Wang R, Nelson TL, Carmella SG, Peel JL, Murphy SE, Koh W-P, Yuan J-M, Clark ML. Diet, secondhand smoke, and glycated hemoglobin (HbA1c) levels among Singapore Chinese adults. *International Journal of Environmental Research and Public Health*. 2019 Dec 17;16(24). pii: E5148.
32. **Moore BF**, Shapiro AL, Wilkening G, Magzamen S, Starling AP, Allshouse WB, Adgate JL, Dabelea D. Fetal exposure to tobacco and offspring neurodevelopment in the Healthy Start study. *Journal of Pediatrics*. 2019 Nov 20. pii: S0022-3476(19)31467-2.
33. Hockett CW, Harrall K, **Moore BF**, Starling A, Bellatorre A, Sauder K, Aalborg J, Scherzinger A, Garg K, Ringham BM, Glueck DH, Dabelea D. Persistent effects of in utero overnutrition on offspring adiposity: the EPOCH study. *Diabetologia*. 2019 Nov;62(11):2017-2024.
34. Koehler K, Good N, Wilson A, Mølter A, **Moore BF**, Carpenter T, Peel JL, Volckens J. The Fort Collins Commuter Study: Variability in personal exposure to air pollutants by microenvironment. *Indoor Air*. 2019 Mar;29(2):231-241

35. **Moore BF**, Starling AP, Magzamen S, Harrod CD, Allshouse WB, Adgate JL, Ringham BM, Glueck DH, Dabelea D. Fetal exposure to maternal active and secondhand smoking and offspring early-life growth in the Healthy Start study. *International Journal of Obesity*. 2019 Apr;43(4):652-662.
36. **Moore BF**, Sauder KA, Hébert JR, Shivappa N, Ringham BM, Glueck DH, Dabelea D. Maternal pro-inflammatory diets during pregnancy and neonatal adiposity in the Healthy Start study. *Journal of Pediatrics*. 2018 Apr;195:121-127.
37. **Moore BF**, Sauder KA, Starling AP, Ringham BM, Glueck DH, Dabelea D. Exposure to secondhand smoke, exclusive breastfeeding and infant adiposity at age 5 months in the Healthy Start study. *Pediatric Obesity*. 2017;12:111-119.
38. Magzamen S, **Moore BF**, Yost MG, Fenske RA, Karr CJ. Ozone-related respiratory morbidity in a low-pollution region. *Journal of Occupational and Environmental Medicine*. 2017 Jul;59(7):624-630.
39. **Moore BF**, Anderson GB, Johnson MG, Brown S, Bradley KK, Magzamen S. Case-crossover analysis of heat-coded deaths and vulnerable subpopulations: Oklahoma, 1990 – 2011. *International Journal of Biometeorology*. 2017 Nov;61(11):1973-1981.
40. **Moore BF**, Clark ML, Bachand A, Reynolds SJ, Nelson TL, Peel JL. Interactions between diet and exposure to secondhand smoke on glycated hemoglobin (HbA1c) levels among children — Results from NHANES, 2007-2012. *Nicotine and Tobacco Research*. 2017 Jul 1;19(7):845-851.
41. **Moore BF**, Clark ML, Bachand A, Reynolds SJ, Nelson TL, Peel JL. Interactions of diet and secondhand smoke on the prevalence of obesity among children — Results from NHANES, 2007-2010. *Environmental Health Perspectives*. 2016 Aug;124(8):1316-22.
42. **Moore BF**, Clark ML, Bachand A, Reynolds SJ, Nelson TL, Peel JL. Interactions of diet and secondhand smoke on the prevalence of metabolic syndrome among children — Results from NHANES, 2007-2010. *Journal of Clinical Endocrinology and Metabolism*. 2016 Jan;101(1):52-8.
43. Good N, Mölter A, Ackerson C, Bachand A, Carpenter T, Clark ML, Clark P, Fedak K, Kayne A, Koehler K, **Moore BF**, L'Orange C, Ugave V, Peel JL, Stuart A, Volckens J. The Fort Collins Commuter Study: Impact of route type and transport mode on personal exposure to multiple air pollutants. *Journal of Exposure Science and Environmental Epidemiology*. 2016 Jun;26(4):397-404.
44. **Moore BF**, Sorensen W, Bowden-Bryan P. Associations of sex, age and community clinic with hypertension and dyslipidemia among Hispanics in Northeast Texas. *American Journal of Hypertension Research*. 2014;2(1):1-7.
45. **Moore BF**, Pérez A, Sorensen W, Gosselin K, Ballard JE, Saxton DL. Regional and

racial/ethnic differences in the association between eating habits, perceived social norms and obesity among Texas adolescents. *Texas Public Health Journal*. 2014;66(2):6-10.

46. **Moore BF**, Sorensen W, Cooper C, Daussat L. Evaluation of a newly implemented undergraduate global health course in the public university setting. *Journal of General Education*. 2012;6(4):505-526.

Manuscripts In Preparation

1. Mueller NT, Xiao S, Liu T, Debelius J, Kress A, Zhao N, Smirnova E, McKee K, **Moore B**, Jacobson LP, Comstock S. Strain-Level Mother-Child Sharing of Fecal and Vaginal Microbiota: Metagenomic Findings from the Environmental Influences on Child Health Outcomes (ECHO) Cohort. *In preparation*.
2. Neophytou AM, Magzamen S, **Moore BF**, Dabelea D. Handling of multi-cohort data in pooled analysis of environmental exposures: confounding by cohort of the relationship between perfluoroalkyl substances and birthweight. *In preparation*.
3. Friedman C, Starling AP, **Moore BF**, on behalf of the ECHO Consortium. Prenatal air pollution and childhood obesity: exploring the potential mediating role of cord blood DNA methylation. *In preparation*.
4. Kendrick-Shorey L, Spindel E, Avalos L, McEvoy C, **Moore BF**, et al. Epigenome-wide association study of DNA methylation with prenatal cannabis exposure in the Environmental Influences on Child Health Outcomes (ECHO) Cohort. *In preparation*.
5. **Moore BF**, Shorey-Kendrick L, Spindel E, McEvoy C, Mueller NT, Dabelea D, Hollander C, Smith KL, Magzamen S, Venter C, Sempio C, Klawitter J, Christians U. Prenatal exposure to delta 9-tetrahydrocannabinol and early markers of small airway dysfunction in children. *In preparation*.
6. **Moore BF**, Crume T, Shapiro ALB, Mueller NT, Dabelea D, Sempio C, Klawitter J, Christians U. Cumulative and trimester-specific exposure to delta 9-tetrahydrocannabinol and child behavioral problems. *In preparation*.
7. Hollander C, Hamlington Smith KL, Friedman C, Venter C, Dabelea D, Wilson A, Hoskovec L, Martenis S, Magzamen S, **Moore BF**. Prenatal exposure to black carbon and child lung function in the Healthy Start study. *In preparation*.
8. Hoyt AT, Wilkinson AV, Langlois PH, Galeener CE, Ranjit N, Dabelea D, **Moore BF**. Early-life exposure to tobacco and childhood cognition and behavior: Understanding periods of susceptibility. *In preparation*.
9. Autret K, Starling AP, Nakiwala D, Friedman C, James K, Brown J, Brindley S, Sanchez T, Dabelea D, **Moore BF**. Urinary metal levels among pregnant people with biomarker-confirmed exposure to cannabis. *In preparation*.

10. Grove D, Boyle KE, Su EJ, Shapiro ALB, Sempio C, Klawitter J, Christians U, Dabelea D, **Moore BF**. Prenatal exposure to cannabis and adipogenic potential of umbilical cord-derived mesenchymal stem cells. *In preparation*.

Conference Presentations

Presenter is indicated by an asterisk.

1. Autret K,* Starling AP, Nakiwala D, Friedman C, James K, Brown J, Brindley S, Sanchez T, Dabelea D, **Moore BF**. Urinary metal levels among pregnant people with biomarker-confirmed exposure to cannabis. Poster presentation at the 9th Annual Cannabis Research Conference. Portland, Oregon. October 6-8, 2025.
2. Hollander C,*‡ Friedman C, Younoszai N, Hamlington Smith KL, Dabelea D, Martenis S, Magzamen S, Wilson A, **Moore BF**. Early-life exposure to black carbon and childhood lung function: The Healthy Start study. Colorado School of Public Health Third Annual Research Exchange. Aurora, Colorado. October 11, 2024.

‡2024 Research Exchange Student Poster Winner

3. Younoszai N, Hollander C,* Kinney G, Hamington Smith KL, Klawitter J, Sempio C, Christians U, Dabelea D, **Moore BF**. Childhood exposure to cannabidiol and lung function. Poster presentation at the 8th Annual Cannabis Research Conference. Fort Collins, Colorado. August 7-9, 2024.
4. Younoszai N, Hollander C, Kinney G, Hamington Smith KL, Klawitter J, Sempio C, Christians U, Dabelea D, **Moore BF**. * Childhood exposure to cannabidiol and lung function. Poster presentation at the 34th Annual International Cannabinoid Research Society Symposium on the Cannabinoids. Salamanca, Spain. June 30-July 5, 2024.
5. **Moore BF**, Sauder KA, Hébert E, Hoyt AT, Wymore EM, Shapiro ALB, Kinney GL, Dabelea D. “Impact of prenatal exposure to delta 9-tetrahydrocannabinol and cannabidiol on neonatal adiposity and postnatal growth trajectories: The Healthy Start study.” Oral presentation at the 7th Annual Cannabis Research Conference. Denver, Colorado. August 3-5, 2023.
6. **Moore BF**,* Sauder KA, Hébert E, Hoyt AT, Wymore EM, Shapiro ALB, Kinney GL, Dabelea D. “Prenatal exposure to cannabis, neonatal adiposity, and postnatal growth trajectories: The Healthy Start study.” Poster presentation at the 36th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research. Portland, Oregon. June 12-13, 2023.
7. Neophytou A,* Aalborg J, **Moore BF**, Magzamen S, Dabelea D. “Bridging differences across cohorts in the relationship between prenatal secondhand smoke exposure and birth weight: Transportability of effect estimates in the ECHO consortium.” Poster presentation at the 34th Annual Conference for the International Society of Environmental Epidemiology. Athens, Greece. September 18-22, 2022.

8. **Moore BF,*** Salmons KA, Hoyt AT, Shapiro ALB, Sauder KA, Wilkening G, Swenson K, Bates E, Kinney GL, Dabelea D. “Fetal exposure to cannabis and childhood behavior at age 5 years: The Healthy Start study.” Poster presentation at the 34th Annual Conference for the International Society of Environmental Epidemiology. Athens, Greece. September 18-22, 2022.
9. **Moore BF,*** Kreitner K, Starling AP, Martenies S, Magzamen S, Clark M, Dabelea D. “Early-life exposure to secondhand smoke and childhood adiposity: Identifying windows of susceptibility.” Oral presentation at the 2021 Annual Meeting for the Society for Pediatric and Perinatal Epidemiology. Virtual. June 10, 2021.
10. Byrd-Williams C,* Matthews K, Stagg J, **Moore BF**. “Are you aware of federal and state laws to protect breastfeeding women? Results from the 2016 Texas Behavioral Risk Factor Surveillance Survey (BRFSS). Oral Presentation at the American Public Health Association 2020 Virtual Annual Meeting and Expo. October 24-28, 2020.
11. Martenies SE,* Hoskovec L, Wilson A, **Moore BF**, Starling AP, Allshouse WB, Adgate JL, Dabelea D, Magzamen S. “A mixtures approach to assessing relationships between environmental and social determinants of health and neonatal size and body composition in the Healthy Start cohort.” Oral presentation at the International Society for Environmental Epidemiology (ISEE) Virtual Conference. Virtual. August 24-27, 2020.
12. **Moore BF,*** Starling AP, Martenies S, Magzamen S, Dabelea D. “Maternal smoking and exposure to ambient air pollution during pregnancy on BMI trajectories in the Healthy Start study.” Poster presentation at the International Society for Environmental Epidemiology (ISEE) Virtual Conference. Virtual. August 24-27, 2020.
13. **Moore BF,*** Shapiro AL, Wilkening G, Magzamen S, Starling AP, Allshouse WB, Adgate JL, Dabelea D. “Fetal exposure to tobacco and offspring neurodevelopment in the Healthy Start study.” Poster presentation at the 31st conference International Society for Environmental Epidemiology (ISEE). Utrecht, Netherlands. August 25-29, 2019.
14. Hockett CW,* Starling A, **Moore BF**, Bellatorre, A, Aalborg J, Sauder K, Scherzinger A, Garg K, Ringham BM, Glueck DH, Dabelea D. “Adiposity and cardiovascular markers in offspring of women with diabetes during pregnancy.” Oral presentation at the 78th American Diabetes Association Scientific Sessions. Orlando, Florida, United States. June 22-25, 2018.
15. **Moore BF,*** Sauder KA, Hébert JR, Shivappa N, Ringham BM, Glueck DH, Dabelea D. “Dietary inflammatory potential during pregnancy, maternal obesity, and neonatal body composition: the Healthy Start study.” Oral presentation at the 77th American Diabetes Association Scientific Sessions. San Diego, California, United States. June 9-13, 2017.
16. **Moore BF,*** Clark ML, Bachand A, Reynolds SJ, Nelson TL, Peel JL. “Interactions between diet and exposure to secondhand smoke on glycated hemoglobin (HbA1c) levels among children, NHANES, 2007-2010”. Poster presentation at the 2016 Epidemiology Congress of the Americas Meeting. Miami, Florida, United States. June

21-24, 2016.

17. **Moore BF,*** Clark ML, Bachand A, Reynolds SJ, Nelson TL, Peel JL. “Interactions of diet and secondhand smoke on the prevalence of metabolic syndrome among children, NHANES, 2007-2010”. Poster presentation at the 48th Society for Epidemiologic Research Annual Meeting. Denver, Colorado, United States. June 16-19, 2015.
18. **Moore BF,*** Clark ML, Bachand A, Reynolds SJ, Nelson TL, Peel JL. “Interactions of diet and secondhand smoke on the prevalence of obesity among children, NHANES, 2007-2010”. Poster presentation at the 48th Society for Epidemiologic Research Annual Meeting. Seattle, Washington, United States. June 24-27, 2014.
19. Good N,* Carpenter T, **Moore BF**, Clark M, Kayne A, Koehler K, L’Orange C, Stuart A, Peel J, Volckens J. “The Fort Collins Commuter Study: Multi-pollutant spatio-temporal exposure assessment.” Peer-reviewed abstract presented at the 2013 Conference Environment and Health – Bridging South, North, East and West; Conference of ISEE, ISES and ISIAQ, Basel, Switzerland. Basel, Switzerland, Europe. August 19-23, 2013.
20. Koehler KA,* Good N, **Moore BF**, L’Orange C, Clark ML, Kayne A, Stuart A, Peel JL, Volckens J. “A Holistic Approach to Microenvironmental Exposure Assessment: Home, Work, and Commute Personal Exposures to Particulate Air Pollution” Peer-reviewed abstract presented at the 2013 Conference Environment and Health – Bridging South, North, East and West; Conference of ISEE, ISES and ISIAQ, Basel, Switzerland. Basel, Switzerland, Europe. August 19-23, 2013.
21. **Moore BF,*** Pérez A, Sorensen W, Gosselin K, Perez A, Ballard J. “Diet-related behaviors, perceived social norms and obesity among Texas adolescents.” Poster presentation at the 10th International Functional Foods in Health and Disease Conference. Santa Barbara, California, United States. March 13-15, 2012.
22. **Moore BF,*** Pérez A, Sorensen W, Gosselin K, Perez A, Ballard J. “Diet motivations and body dissatisfaction among adolescent females”. Poster presentation at the Alpha Chi National Scholarship Honor Society Convention. Little Rock, Arkansas, United States. March 25-27, 2010.

Invited Symposia, Seminars, and Presentations

1. “Substance Use and Abuse Prevention.” Panelist and session moderator for the Colorado School of Public Health Research Exchange. Aurora, Colorado. October 11, 2024.
2. “Fetal exposure to cannabis and childhood metabolic health.” Invited seminar hosted by **Csequence** (a medical marijuana market intelligence group based in Los Angeles, CA). Virtual. April 20, 2022.
3. “Tobacco exposure and children’s health: Identifying critical windows and joint effects.” Presentation at the Colorado School of Public Health, The University of Colorado Anschutz Medical Campus, Aurora, Colorado. July 22, 2021.

4. “Tobacco exposure and children’s health: Identifying critical windows and joint effects.” Presentation at the Michael and Susan Dell Center for Healthy Living Webinar Series, Austin, Texas. July 8, 2021. Webinar attended by 210 participants.
5. “Fetal origins of obesity: The role of nutrition and the environment”. Presentation at the Michael and Susan Dell Center for Healthy Living Webinar Series, Austin, Texas. November 3, 2020. Webinar attended by 311 participants.
6. “Prenatal exposure to tobacco and childhood neurocognitive development”. Presentation at the University of Texas Health Science Center at Houston Environmental and Occupational Health and Safety (EOHS) Research Series. Virtual meeting. San Antonio, Texas. October 23, 2020.
7. “Proinflammatory diets during pregnancy and neonatal adiposity”. Presentation for the Pre-, Peri-, Postnatal (PPP) Working Group. Virtual meeting hosted by Environmental Influences on Child Health Outcomes (ECHO). May 27, 2020.

Grant Reviewer

1. Special Emphasis Panel (ZRG1 F12C-C). National Institutes of Health. April 1, 2026.
2. Prenatal Exposures/MSCI Review Meeting. California Tobacco-Related Disease Research Program (TRDRP). February 24-25, 2026.
3. Special Emphasis Panel (ZRG1 EPH-P). National Institutes of Health. July 30, 2025.
4. Biomedical Sciences and Social Sciences Review Meeting. California Tobacco-Related Disease Research Program (TRDRP). March 11, 2025.
5. Executive Peer Review Committee for AHA Data Science GLP-1 Research Award. American Heart Association. February 12, 2025.
6. Special Emphasis Panel (ZES1 MGE K). National Institutes of Health. September 27, 2024.
7. Opportunities and Innovation (OIF) Review Panel. Environmental Influences of Child Health Outcomes (ECHO). June 18, 2024.
8. Biomedical Sciences and Social Sciences Review Meeting. California Tobacco-Related Disease Research Program (TRDRP). February 27-28, 2024.
9. Pregnancy and Neonatology (PN). National Institutes of Health. February 23-24, 2023.

Teaching Experience

Instructor for *PBHL 6991: Capstone Integration*
University of Colorado Anschutz Medical Campus

Spring 2023, 2024, 2025.

- Taught course for MPH students, with the goal of developing communication skills and integrating projects into broader public health.

Co-instructor for *PBHL 3001: Introduction to Epidemiology* Fall 2022, 2023, 2024, 2025.
University of Colorado, Denver

- Co-taught an introductory course to undergraduates on the downtown campus.

Instructor for *PH 2762: Environmental Epidemiology* Fall 2021.
The University of Texas Health Science Center in Austin

- Developed and taught a course exploring topics related to environmental health, with a focus on epidemiological study designs, biases, and methodological challenges in linking chemical exposures in the environment to human disease.

Guest Lecturer for *PBH 338: Environmental Health* Spring 2020.
The University of Texas

- Taught one lecture entitled “Developmental Origins of Health and Disease” to a large (100 student) introductory course for the undergraduate program.

Assistant Instructor for *EPID 7912: Developing a Research Grant* Fall 2019.
Colorado School of Public Health, University of Colorado Anschutz Medical Campus

- Provided critical feedback on grant proposals to 11 PhD and MD students.
- Organized in-person Mock Study Section with faculty from the Medical School, School of Public Health, and other departments.

Assistant Instructor for *EPID 6630: Epidemiology* Fall 2017.
Colorado School of Public Health, University of Colorado Anschutz Medical Campus

- Taught six lectures throughout the semester to a large (130 student) introductory course for the MPH program.
- Held weekly scheduled meetings with students to discuss course topics in depth.

Teaching Assistant for *ERHS 332: Principles of Epidemiology* Fall 2012.
Colorado State University

- Proctored quizzes and exams and evaluated student coursework

Mentoring

Academic Advising:

CU Anschutz:

- 3 MPH students, 2022-2023 Academic Year
- 2 MPH students, 2023-2024 Academic Year

- 3 MPH students, 2023-2024 Academic Year

UTHealth:

- 7 MPH students, 2021-2022 Academic Year
- 6 MPH students, 2020-2021 Academic Year

Masters Students:

CU Anschutz:

- Epidemiology MPH student: “Prenatal exposure to cannabis and placenta proteins”
Role: Capstone preceptor. Spring 2026.
- Epidemiology MPH student: “Impact of breastfeeding on childhood asthma and lung function” Role: Capstone preceptor. Fall 2025.
- Epidemiology MPH student: “Associations of household chaos and child behavior”
Role: Capstone preceptor. Fall 2025.
- Epidemiology MPH student: “Interactions between prenatal exposure to cannabis and tobacco on birth size.” Role: Capstone preceptor Spring 2025.
- EOH MPH student: “Urinary metals among pregnant people with biomarker-confirmed cannabis exposure.” Role: Capstone preceptor Spring 2025.

UTHealth:

- GRA on cannabis and childhood behavior project, resulting in coauthored paper.
Role: GRA Sponsor Spring 2022.
- Organizer for Q2, Vax Together Austin, and Austin City Limits Vaccination Clinics.
Role: Practicum Advisor Fall 2021.
- “One Health Implications of Harmful Algal Blooms in Austin and Travis County.”
Role: Thesis Supervisor, GRA Sponsor Spring 2021.

Doctoral Students:

CU Anschutz:

- PhD Student: “Prenatal exposure to cannabis and cord blood DNA methylation” Role: Mentor for class project. Fall 2025.

UTHealth:

- PhD Student: “Maternal smoking during pregnancy, adverse birth outcomes, and pediatric behavior and neurodevelopment: Exploring joint effects and periods of susceptibility.” Role: Dissertation Supervisor, GRA Sponsor Spring 2022.

Faculty:

CU Anschutz:

- Catherine Cohen, PhD: “Examining diet quality in infancy and toddlerhood in relation to adiposity outcomes”; CCTSI Pilot Program (submitted)
- Curtis Tilves, PhD: “Food genomics to objectively characterize healthy dietary patterns and their associations with cardiometabolic health during pregnancy”; NORC Pilot Grantee; Role: Mentor 2025—2027.
- Stephanie Gilley, MD, PhD: “Solving a big problem for tiny babies: Digital body composition for infants”; NORC Pilot Grantee; Role: Mentor 2024—2026.

Academic and Professional Service

Service to the School and Department

Colorado School of Public Health:

- Scholarships and Awards Committee, Chair 2025—Present.
- Delta Committee, Awards Representative 2024.
- Admissions Committee, Member 2022—2025.
- Health Equity Council, Member 2022—2025.
- Research Committee, Member 2022—2024.
- Organizer for LEAD Center Seminar Series 2023—2024.
- Organizer for Department of Epidemiology Seminar Series 2017—2018.

UTHealth:

- Preliminary Exam Organizer 2022.
Department of Epidemiology, Human Genetics, and Environmental Sciences
- Supporting Faculty Member 2021.
Southwest Center for Occupational and Environmental Health
- EOHS Preliminary Exam Contributor 2021.
Department of Epidemiology, Human Genetics, and Environmental Sciences
- Reviewer for Ron Harris Scholarship 2020, 2021.
Michael and Susan Dell Center for Healthy Living

National Service

Environmental Influences on Child Health Outcomes (ECHO)

- Discovery Editorial Board Member 2025—Present.
- Operations Committee 2024—Present.
- Communications Hub Reviewer 2024—Present.

Cannabis Interest Group, Co-Chair (with Eliot Spindel)

2024—Present.

Service to the Profession

Journal Referee

Cannabis and Cannabinoid Research, Child and Adolescent Obesity, Diabetologia (2020 key referee), Environmental Epidemiology, Health Education and Behavior, Journal of Perinatology, International Journal of Environmental Research and Public Health, Nicotine and Tobacco Research, Nutrition, Obesity, Occupational and Environmental Medicine, Pediatric Obesity, Pediatrics, Pediatric and Perinatal Epidemiology, PLOS One, Population Health Metrics, Toxics.

Member

International Cannabinoid Research Society	2023—Present.
American Heart Association	2023—Present.
International Society for Environmental Epidemiology	2019—2021.
Society for Epidemiologic Research	2020—2021.
Society for Pediatric and Perinatal Epidemiologic Research	2021, 2023.

Expert Testimony

Testifying expert for a confidential case involving prenatal cannabis exposure and child neurodevelopment	2025—Present.
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Selected media coverage of research activities

“Serious maternal complications linked with use of marijuana before and early in pregnancy, study says”, *CNN*, 22 July 2024.

“Marijuana harms development in first trimester of pregnancy, study finds”, *CNN*, 16 May 2023.

“Cannabis exposure during pregnancy linked to higher blood sugar, study says” (live broadcast), *KRDO Colorado Springs*, 4 April 2022.

“THC and CBD exposure in womb linked to childhood obesity, higher blood sugar, study says”, *CNN*, 4 April 2022.

“A newborn's fat mass is associated with obesity as a preschooler, study says”, *CNN*, 30 August 2020.

Last updated: 6 April 2026.