

## Project Viva Publication List

2001

1. Rich-Edwards JW, Krieger N, Majzoub J, Zierler S, Lieberman E, Gillman MW. [Maternal experiences of racism and violence as predictors of preterm birth: rationale and study design](#). Paediatr Perinat Epidemiol 2001;15(S2):124-135.

2003

2. Oken E, Kleinman KP, Berland WE, Simon S, Rich-Edwards JW, Gillman MW. [Decline in fish consumption after a national mercury advisory](#). Obstet Gynecol 2003;102(2):346-351.

2004

3. Gillman MW, Rich-Edwards JW, Rifas-Shiman SL, Lieberman ES, Kleinman KP, Lipshultz SE. [Maternal age and other predictors of newborn blood pressure](#). J Pediatr. 2004 Feb;144(2):240-5.
4. Moore MM, Rifas-Shiman SL, Rich-Edwards JW, Kleinman KP, Camargo CA Jr, Gold DR, Weiss ST, Gillman MW. [Perinatal predictors of atopic dermatitis occurring in the first six months of life](#). Pediatrics 2004 Mar;113(3 Pt1):468-74.
5. Schroeter CH, Schaub B, Gold DR, Contreras PJ, Manrique O, Gillman MW, Weiss S, Palmer LJ, Perkins D, Finn PW. [Nuclear factor kappa B activation in human cord blood mononuclear cells](#). Pediatr Res. 2004 Aug;56(2):212-8. doi: 10.1203/01.PDR.0000132850.33375.D0. Epub 2004 Jun 4. PMID: 15181194; PMCID: PMC1488728.
6. Schaub B, Bello A, Gibbons F, Velasco G, Campo M, He H, Yurong L, Gillman MW, Gold DR, Weiss ST, Perkins D, Finn PW. [TLR2 and TLR4 stimulation differentially induce cytokine secretion in human neonatal, adult and murine mononuclear cells](#). J Interferon Cytokine Res 2004; 24(9):543-52.
7. Gillman MW, Rifas-Shiman SL, Kleinman KP, Rich-Edwards JW, Lipshultz SE. [Maternal calcium intake and offspring blood pressure](#). Circulation 2004; 110(14):1990-5.
8. Oken E, Kleinman KP, Olsen SF, Rich-Edwards JW, Gillman MW. [Associations of seafood and elongated n-3 fatty acid intake with fetal growth and length of gestation: results from a US pregnancy cohort](#). Am J Epidemiol 2004 Oct 15;160(8):774-83.
9. Taveras EM, Scanlon KS, Birch L, Rifas-Shiman SL, Rich-Edwards JW, Gillman MW. [Association of breastfeeding with maternal control of infant feeding at age 1 year](#). Pediatrics 2004;114(5):e577-83.

10. Fawzi WW, Rifas-Shiman SL, Rich-Edwards JW, Willett WC, Gillman MW. [Calibration of a semi-quantitative food frequency questionnaire in early pregnancy](#). Ann Epidemiol. 2004 Nov;14(10):754-62.

## 2005

11. Celi AC, Rich-Edwards JW, Richardson MK, Kleinman KP, Gillman MW. [Immigration, race/ethnicity, social, and economic factors as predictors of breastfeeding initiation](#). Arch Pediatr Adol Med 2005;159(3):255-260.
12. Huh SY, Rifas-Shiman SL, Kleinman KP, Rich-Edwards JW, Lipshultz SE, Gillman MW. [Maternal protein intake in mid-pregnancy is not associated with infant blood pressure](#). Int J Epidemiol 2005; 34(2):378-84.
13. Rich-Edwards JW, Kleinman KP, Strong E, Oken EF, Gillman MW. [Preterm delivery in Boston before and after September 11, 2001](#). Epidemiology 2005;16(3):323-327.
14. Schaub B, Tantisira KG, Gibbons FK, He H, Litonjua AA, Gillman MW, Weiss ST, Perkins DL, Gold DR, Finn PW. [Fetal cord blood: Aspects of heightened immune responses](#). J Clin Immunol 2005;25(4):329-37.
15. Oken E, Wright RO, Kleinman KP, Bellinger D, Amarasiriwardena CJ, Hu H, Rich-Edwards JW, Gillman MW. [Maternal fish consumption, hair mercury, and infant cognition in a US cohort](#). Environ Health Perspect 2005;113(10):1376-1380.
16. Rifas-Shiman SL, Rich-Edwards JW, Scanlon KS, Kleinman KP, Gillman MW. [Misdiagnosis of overweight and underweight children younger than 2 years of age due to length measurement bias](#). Med Gen Med 2005;7(4):55.
17. Oken E, Huh SY, Taveras EM, Rich-Edwards JW, Gillman MW. [Associations of maternal prenatal smoking with child adiposity and blood pressure](#). Obes Res 2005;13(11):2021-2028.
18. Pitiphat W, Gillman MW, Joshipura KJ, Williams PL, Douglass CW, Rich-Edwards JW. [Plasma C-reactive protein in early pregnancy and preterm delivery](#). Am J Epidemiol 2005;162(11):1108-13.

## 2006

19. Rifas-Shiman SL, Rich-Edwards JW, Willett WC, Kleinman KP, Oken E, Gillman MW. [Changes in dietary intake from the 1st to the 2nd trimester of pregnancy](#). Paediatr Perinat Epidemiol 2006; 20(1):35-42.
20. Rich-Edwards JW, Kleinman KP, Abrams A, Harlow BL, McLaughlin TJ, Joffe H, Gillman MW. [Sociodemographic predictors of antenatal and postpartum depressive symptoms among women in a medical group practice](#). J Epidemiol Comm Health 2006;60(3):221-7.
21. Pitiphat W, Joshipura KJ, Rich-Edwards JW, Williams PL, Douglass CW, Gillman MW. [Periodontitis and plasma C-reactive protein during pregnancy](#). J Periodontol 2006;77(5):821-825

22. Willwerth B, Schaub B, Tantisira K, Gold DR, Palmer L, Litonjua AA, Perkins D, Schroeter C, Gibbons F, Gillman MW, Weiss ST, Finn P. [Prenatal, perinatal and heritable influences on cord blood immune responses](#). Ann Allergy Asthma Immunol 2006; 96(3):445-53.
23. Gold DR, Willwerth B, Tantisira K, Palmer L, Finn P, Schaub B, Perkins D, Tzianabos A, Ngoc PL, Schroeter C, Gibbons F, Campos H, Oken E, Gillman MW, Palmer LJ, Ryan LM, Weiss ST. [Associations of cord blood fatty acids with lymphocyte proliferation, IL-13 and interferon gamma](#). J Allergy Clin Immunol 2006;117(4):931-8.
24. Strong EF, Kleinman KP, Gillman MW, Clark I, Emanuel RL, Majzoub JA, Rich-Edwards JW. [Measuring corticotropin-releasing hormone in pregnant women - comparing blood collection protocols for epidemiologic studies](#). Paediatr Perinat Epidemiol 2006;20(1):67-71.
25. Taveras EM, Rifas-Shiman SL, Scanlon K, Sherry BL, Grummer-Strawn L, Gillman MW. [To what extent is the protective effect of breastfeeding on future overweight explained by decreased maternal feeding restriction?](#) Pediatrics 2006;118(6):2341-8.
26. Schaub B, Campo H, He H, Perkins D, Gillman MW, Gold DR, Weiss ST, Lieberman E, Finn PW. [Neonatal immune responses to TLR2 stimulation: Influence of maternal atopy on Foxp3 and IL-10 expression](#). Respir Res 2006 Mar 21;7:40.
27. Oken E, Ning Y, Rifas-Shiman SL, Radesky JS, Rich-Edwards JW, Gillman MW. [Associations of physical activity and inactivity before and during pregnancy with glucose tolerance](#). Obstet Gynecol 2006;108:1200-07.
28. Taveras EM, Camargo CA Jr, Rifas-Shiman SL, Oken E, Gold DR, Weiss ST, Gillman MW. [Association of birth weight with asthma-related outcomes at age 2 years](#). Pediatr Pulmonol 2006;41(7):643-648.
29. Gillman MW, Rich-Edwards JW, Huh SY, Majzoub J, Oken E, Taveras EM, Rifas-Shiman SL. [Maternal corticotrophin-releasing hormone levels during pregnancy and offspring adiposity](#). Obesity (Silver Spring) 2006;14(9):1647-53.
30. Litonjua AA, Rifas-Shiman SL, Ly NP, Tantisira KG, Rich-Edwards JW, Camargo CA Jr, Weiss ST, Gillman MW, Gold DR. [Maternal antioxidant intake during pregnancy and wheezing illnesses at 2 years of age](#). Am J Clin Nutr 2006;84(4):903-11.

## 2007

31. Ly NP, Rifas-Shiman SL, Litonjua AA, Tzianabos AO, Schaub B, Ruiz-Pérez B, Tantisira KG, Finn PW, Gillman MW, Weiss ST, Gold DR. [Cord blood cytokines and acute lower respiratory illnesses in the first year of life](#). Pediatrics. 2007 Jan;119(1):e171-8. doi: 10.1542/peds.2006-0524. Epub 2006 Dec 4. PMID: 17145902; PMCID: PMC1994927.
32. Camargo CA Jr, Rifas-Shiman SL, Litonjua AA, Rich-Edwards JW, Weiss ST, Gold DR, Kleinman K, Gillman MW. [Maternal intake of vitamin D during pregnancy and risk of recurrent wheeze in children at 3 y of age](#). Am J Clin Nutr. 2007 Mar;85(3):788-95. PubMed PMID: 17344501.

33. Oken E, Taveras EM, Kleinman KP, Rich-Edwards JW, Gillman MW. [Gestational weight gain and child adiposity at age 3 years](#). Am J Obstet Gynecol. 2007 Apr;196(4):322.e1-8. PubMed PMID: 17403405; PubMed Central PMCID: PMC1899090.
34. Oken E, Taveras EM, Popoola FA, Rich-Edwards JW, Gillman MW. [Television, walking, and diet: associations with postpartum weight retention](#). Am J Prev Med. 2007 Apr;32(4):305-11. PubMed PMID: 17383561; PubMed Central PMCID: PMC1880891.
35. Pereira MA, Rifas-Shiman SL, Kleinman KP, Rich-Edwards JW, Peterson KE, Gillman MW. [Predictors of change in physical activity during and after pregnancy: Project Viva](#). Am J Prev Med. 2007 Apr;32(4):312-9. PubMed PMID: 17383562; PubMed Central PMCID: PMC1894953.
36. Oken E, Ning Y, Rifas-Shiman SL, Rich-Edwards JW, Olsen SF, Gillman MW. [Diet during pregnancy and risk of preeclampsia or gestational hypertension](#). Ann Epidemiol. 2007 Sep;17(9):663-8. Epub 2007 May 23. PubMed PMID: 17521921; PubMed Central PMCID: PMC2532559.
37. Belfort MB, Rifas-Shiman SL, Rich-Edwards J, Kleinman KP, Gillman MW. [Size at birth, infant growth, and blood pressure at three years of age](#). J Pediatr. 2007 Dec;151(6):670-4. Epub 2007 Aug 10. PubMed PMID: 18035150; PubMed Central PMCID: PMC2278009.
38. Kleinman KP, Oken E, Radesky JS, Rich-Edwards JW, Peterson KE, Gillman MW. [How should gestational weight gain be assessed? A comparison of existing methods and a novel method, area under the weight gain curve](#). Int J Epidemiol. 2007 Dec;36(6):1275-82. Epub 2007 Aug 22. PubMed PMID: 17715174; PubMed Central PMCID: PMC2157551.

## 2008

39. Gunderson EP, Rifas-Shiman SL, Oken E, Rich-Edwards JW, Kleinman KP, Taveras EM, Gillman MW. [Association of fewer hours of sleep at 6 months postpartum with substantial weight retention at 1 year postpartum](#). Am J Epidemiol. 2008 Jan 15;167(2):178-87. Epub 2007 Oct 29. PubMed PMID: 17971337; PubMed Central PMCID: PMC2930882.
40. Pearce EN, Oken E, Gillman MW, Lee SL, Magnani B, Platek D, Braverman LE. [Association of first-trimester thyroid function test values with thyroperoxidase antibody status, smoking, and multivitamin use](#). Endocr Pract. 2008 Jan-Feb;14(1):33-9. PubMed PMID: 18238739; PubMed Central PMCID: PMC2581507.
41. Radesky JS, Oken E, Rifas-Shiman SL, Kleinman KP, Rich-Edwards JW, Gillman MW. [Diet during early pregnancy and development of gestational diabetes](#). Paediatr Perinat Epidemiol. 2008 Jan;22(1):47-59. PubMed PMID: 18173784; PubMed Central PMCID: PMC2650816.
42. Pitiphat W, Joshipura KJ, Gillman MW, Williams PL, Douglass CW, Rich-Edwards JW. [Maternal periodontitis and adverse pregnancy outcomes](#). Community Dent Oral Epidemiol. 2008 Feb;36(1):3-11. PubMed PMID:
43. Miller SA, Taveras EM, Rifas-Shiman SL, Gillman MW. [Association between television viewing and poor diet quality in young children](#). Int J Pediatr Obes. 2008 Mar 4:1-9. PubMed PMID: 18608629.

44. Belfort MB, Rifas-Shiman SL, Rich-Edwards JW, Kleinman KP, Oken E, Gillman MW. [Maternal iron intake and iron status during pregnancy and child blood pressure at age 3 years](#). Int J Epidemiol. 2008 Apr;37(2):301-8. Epub 2008 Feb 8. PubMed PMID: 18263646; PubMed Central PMCID: PMC2650811.
45. Taveras EM, Rifas-Shiman SL, Oken E, Gunderson EP, Gillman MW. [Short sleep duration in infancy and risk of childhood overweight](#). Arch Pediatr Adolesc Med. 2008 Apr;162(4):305-11. PubMed PMID: 18391138; PubMed Central PMCID: PMC2650815.
46. Oken E, Radesky JS, Wright RO, Bellinger DC, Amarasiriwardena CJ, Kleinman KP, Hu H, Gillman MW. [Maternal fish intake during pregnancy, blood mercury levels, and child cognition at age 3 years in a US cohort](#). Am J Epidemiol. 2008 May 15;167(10):1171-81. Epub 2008 Mar 18. PubMed PMID: 18353804; PubMed Central PMCID: PMC2590872.
47. Taveras EM, Rifas-Shiman SL, Camargo CA Jr, Gold DR, Litonjua AA, Oken E, Weiss ST, Gillman MW. [Higher adiposity in infancy associated with recurrent wheeze in a prospective cohort of children](#). J Allergy Clin Immunol. 2008 May;121(5):1161-1166.e3. PubMed PMID: 18466784.
48. Rich-Edwards JW, Mohllajee AP, Kleinman K, Hacker MR, Majzoub J, Wright RJ, Gillman MW. [Elevated midpregnancy corticotropin-releasing hormone is associated with prenatal, but not postpartum, maternal depression](#). J Clin Endocrinol Metab. 2008 May;93(5):1946-51. Epub 2008 Feb 26. PubMed PMID: 18303075; PubMed Central PMCID: PMC2386278.
49. Herring SJ, Rich-Edwards JW, Oken E, Rifas-Shiman SL, Kleinman KP, Gillman MW. [Association of postpartum depression with weight retention 1 year after childbirth](#). Obesity (Silver Spring). 2008 Jun;16(6):1296-301. Epub 2008 Mar 27. PubMed PMID: 18369338; PubMed Central PMCID: PMC2761642.
50. Gillman MW, Rifas-Shiman SL, Kleinman K, Oken E, Rich-Edwards JW, Taveras EM. [Developmental origins of childhood overweight: potential public health impact](#). Obesity (Silver Spring). 2008 Jul;16(7):1651-6. Epub 2008 May 1. PubMed PMID: 18451768; PubMed Central PMCID: PMC2650814.
51. Huh SY, Andrew R, Rich-Edwards JW, Kleinman KP, Seckl JR, Gillman MW. [Association between umbilical cord glucocorticoids and blood pressure at age 3 years](#). BMC Med. 2008 Aug 28;6:25. PubMed PMID: 18755017; PubMed Central PMCID: PMC2533350.
52. Belfort MB, Rifas-Shiman SL, Rich-Edwards JW, Kleinman KP, Oken E, Gillman MW. [Infant growth and child cognition at 3 years of age](#). Pediatrics. 2008 Sep;122(3):e689-95. PubMed PMID: 18762504; PubMed Central PMCID: PMC2761622.
53. Bakker R, Rifas-Shiman SL, Kleinman KP, Lipshultz SE, Gillman MW. [Maternal calcium intake during pregnancy and blood pressure in the offspring at age 3 years: a follow-up analysis of the Project Viva cohort](#). Am J Epidemiol. 2008 Dec 15;168(12):1374-80. Epub 2008 Oct 22. PubMed PMID: 18945693; PubMed Central PMCID: PMC2727186.
54. Herring SJ, Oken E, Haines J, Rich-Edwards JW, Rifas-Shiman SL, Kleinman ScD KP, Gillman MW. [Misperceived pre-pregnancy body weight status predicts excessive gestational weight gain](#):

[findings from a US cohort study.BMC Pregnancy Childbirth](#). 2008 Dec 22;8:54. PubMed PMID: 19102729; PubMed Central PMCID:PMC2639379.

## 2009

55. Mantzoros CS, Rifas-Shiman SL, Williams CJ, Fargnoli JL, Kelesidis T, Gillman MW. [Cord blood leptin and adiponectin as predictors of adiposity in children at 3 years of age: a prospective cohort study](#). Pediatrics. 2009 Feb;123(2):682-9. PubMed PMID: 19171638; PubMed Central PMCID: PMC2761663.
56. Oken E, Braverman LE, Platek D, Mitchell ML, Lee SL, Pearce EN. [Neonatal thyroxine, maternal thyroid function, and child cognition](#). J Clin Endocrinol Metab. 2009 Feb;94(2):497-503. Epub 2008 Nov 25. PubMed PMID: 19033373; PubMed Central PMCID: PMC2646520.
57. Wright CS, Rifas-Shiman SL, Rich-Edwards JW, Taveras EM, Gillman MW, Oken E. [Intrauterine exposure to gestational diabetes, child adiposity, and blood pressure](#). Am J Hypertens. 2009 Feb;22(2):215-20. Epub 2008 Nov 20. PubMed PMID:19023272; PubMed Central PMCID: PMC2761640.
58. Wu AC, Gillman MW, Taveras EM, Litonjua AA. [INSIG2 is Associated with Lower Gain in Weight-for-Length Between Birth and Age 6 Months](#). Clin Med Pediatrics. 2009;3:33-37. PubMed PMID: 20354568; PubMed Central PMCID: PMC2846639.
59. Schmidt ME, Rich M, Rifas-Shiman SL, Oken E, Taveras EM. [Television viewing in infancy and child cognition at 3 years of age in a US cohort](#). Pediatrics; 2009 Mar;123(3):e370-5. PubMed PMID: 19254972.
60. Fasting MH, Oken E, Mantzoros CS, Rich-Edwards JW, Majzoub JA, Kleinman K, Rifas-Shiman SL, Vik T, Gillman MW. [Maternal levels of corticotropin-releasing hormone during pregnancy in relation to adiponectin and leptin in early childhood](#). J Clin Endocrinol Metab. 2009 Apr;94(4):1409-15. Epub 2009 Feb 3. PubMed PMID: 19190112; PubMed Central PMCID: PMC2682476.
61. Taveras EM, Rifas-Shiman SL, Belfort MB, Kleinman KP, Oken E, Gillman MW. [Weight status in the first 6 months of life and obesity at 3 years of age](#). Pediatrics 2009;123(4):1177-83. 2009 Apr;123(4):1177-83. doi: 10.1542/peds.2008-1149. PubMed PMID: 19336378; PubMed Central PMCID: PMC2761645.
62. Donahue SM, Rifas-Shiman SL, Olsen SF, Gold DR, Gillman MW, Oken E. [Associations of maternal prenatal dietary intake of n-3 and n-6 fatty acids with maternal and umbilical cord blood levels](#). Prostaglandins Leukot Essent Fatty Acids. 2009 May-Jun;80(5-6):289-96. Epub 2009 Apr 19. PubMed PMID: 19380219.
63. Rifas-Shiman SL, Rich-Edwards JW, Kleinman KP, Oken E, Gillman MW. [Dietary quality during pregnancy varies by maternal characteristics in Project Viva: a US cohort](#). J Am Diet Assoc. 2009 Jun;109(6):1004-11. PubMed PMID: 19465182

64. Dominguez TP, Strong EF, Krieger N, Gillman MW, Rich-Edwards JW. [Differences in the self-reported racism experiences of US-born and foreign-born Black pregnant women](#). Soc Sci Med. 2009 Jul;69(2):258-65. Epub 2009 Apr 20. PubMed PMID: 19386406.
65. Fairlie TG, Gillman MW, Rich-Edwards J. [High pregnancy-related anxiety and prenatal depressive symptoms as predictors of intention to breastfeed and breastfeeding initiation](#). J Womens Health (Larchmt). 2009 Jul;18(7):945-53. PubMed PMID: 19563244; PubMed Central PMCID: PMC2851128.
66. Herring SJ, Oken E, Rifas-Shiman SL, Rich-Edwards JW, Stuebe AM, Kleinman KP, Gillman MW. [Weight gain in pregnancy and risk of maternal hyperglycemia](#). Am J Obstet Gynecol. 2009 Jul;201(1):61.e1-7. Epub 2009 Apr 15. PubMed PMID: 19371858.
67. Oken E, Kleinman KP, Belfort MB, Hammitt JK, Gillman MW. [Associations of gestational weight gain with short- and longer-term maternal and child health outcomes](#). Am J Epidemiol. 2009 Jul 15;170(2):173-0. Epub 2009 May 13. PubMed PMID: 19439579; PubMed Central PMCID: PMC2727269.
68. Stuebe AM, Oken E, Gillman MW. [Associations of diet and physical activity during pregnancy with risk for excessive gestational weight gain](#). Am J Obstet Gynecol. 2009 Jul;201(1):58.e1-8. Epub 2009 May 21. PubMed PMID: 19467640; PubMed Central PMCID: PMC2706304.
69. Benjamin SE, Rifas-Shiman SL, Taveras EM, Haines J, Finkelstein J, Kleinman K, Gillman MW. [Early child care and adiposity at ages 1 and 3 years](#). Pediatrics. 2009 Aug;124(2):555-62. Epub 2009 Jul 27.

## 2010

70. Ertel KA, Koenen KC, Rich-Edwards JW, Gillman MW. [Antenatal and postpartum depressive symptoms are differentially associated with early childhood weight and adiposity](#). Paediatr Perinat Epidemiol. 2010 Mar;24(2):179-89. PubMed PMID: 20415775.
71. Huh SY, Rifas-Shiman SL, Rich-Edwards JW, Taveras EM, Gillman MW. [Prospective association between milk intake and adiposity in preschool-aged children](#). J Am Diet Assoc. 2010 Apr;110(4):563-70. PubMed PMID: 20338282.
72. Taveras EM, Gillman MW, Kleinman K, Rich-Edwards JW, Rifas-Shiman SL. [Racial/ethnic differences in early-life risk factors for childhood obesity](#). Pediatrics. 2010 Apr;125(4):686-95. Epub 2010 Mar 1. PubMed PMID: 20194284.
73. Nevarez MD, Rifas-Shiman SL, Kleinman KP, Gillman MW, Taveras EM. [Associations of early life risk factors with infant sleep duration](#). Acad Pediatr. 2010 May-Jun;10(3):187-93. Epub 2010 Mar 27. PubMed PMID: 20347414; PubMed Central PMCID: PMC2866807.
74. Freathy RM, Mook-Kanamori DO, Sovio U, Prokopenko I, Timpson NJ, Berry DJ, Warrington NM, Widen E, Hottenga JJ, Kaakinen M, Lange LA, Bradfield JP, Kerkhof M, Marsh JA, Mдgi R, Chen CM, Lyon HN, Kirin M, Adair LS, Aulchenko YS, Bennett AJ, Borja JB, Bouatia-Naji N, Charoen P, Coin LJ, Cousminer DL, de Geus EJ, Deloukas P, Elliott P, Evans DM, Froguel P; Genetic

Investigation of ANthropometric Traits (GIANT) Consortium, Glaser B, Groves CJ, Hartikainen AL, Hassanali N, Hirschhorn JN, Hofman A, Holly JM, Hyppönen E, Kanoni S, Knight BA, Laitinen J, Lindgren CM; Meta-Analyses of Glucose and Insulin- related traits Consortium, McArdle WL, O'Reilly PF, Pennell CE, Postma DS, Pouta A, Ramasamy A, Rayner NW, Ring SM, Rivadeneira F, Shields BM, Strachan DP, Surakka I, Taanila A, Tiesler C, Uitterlinden AG, van Duijn CM; Wellcome Trust Case Control Consortium, Wijga AH, Willemsen G, Zhang H, Zhao J, Wilson JF, Steegers EA, Hattersley AT, Eriksson JG, Peltonen L, Mohlke KL, Grant SF, Hakonarson H, Koppelman GH, Dedoussis GV, Heinrich J, Gillman MW, Palmer LJ, Frayling TM, Boomsma DI, Davey Smith G, Power C, Jaddoe VW, Jarvelin MR; Early Growth Genetics (EGG) Consortium, McCarthy MI. [Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight](#). Nat Genet. 2010 May;42(5):430-5. Epub 2010 Apr 6. PubMed PMID: 20372150; PubMed Central PMCID: PMC2862164.

75. Tse AC, Rich-Edwards JW, Rifas-Shiman SL, Gillman MW, Oken E. [Association of maternal prenatal depressive symptoms with child cognition at age 3 years](#). Paediatr Perinat Epidemiol. 2010 May;24(3):232-40. PubMed PMID: 20415752; PubMed Central PMCID: PMC2860615.
76. Stuebe AM, Kleinman K, Gillman MW, Rifas-Shiman SL, Gunderson EP, Rich-Edwards J. [Duration of lactation and maternal metabolism at 3 years postpartum](#). J Womens Health (Larchmt). 2010 May;19(5):941-50. PubMed PMID:20459331; PubMed Central PMCID: PMC2924789.
77. Lange NE, Rifas-Shiman SL, Camargo CA Jr, Gold DR, Gillman MW, Litonjua AA. [Maternal dietary pattern during pregnancy is not associated with recurrent wheeze in children](#). J Allergy Clin Immunol. 2010 Aug;126(2):250-5, 255.e1-4. Epub 2010 Jun 26. PubMed PMID: 20584543; PubMed Central PMCID: PMC2917539.
78. Ertel KA, Koenen KC, Rich-Edwards JW, Gillman MW. [Maternal depressive symptoms not associated with reduced height in young children in a US prospective cohort study](#). PLoS One. 2010 Oct 27;5(10):e13656. PubMed PMID: 21048958; PubMed Central PMCID: PMC2965089.
79. Mantzoros CS, Sweeney L, Williams CJ, Oken E, Kelesidis T, Rifas-Shiman SL, Gillman MW. [Maternal diet and cord blood leptin and adiponectin concentrations at birth](#). Clin Nutr. 2010 Oct;29(5):622-6. Epub 2010 Apr 3. PubMed PMID: 20363059; PubMed Central PMCID: PMC2916023.
80. van Rossem L, Taveras EM, Gillman MW, Kleinman KP, Rifas-Shiman SL, Raat H, Oken E. [Is the association of breastfeeding with child obesity explained by infant weight change?](#) Int J Pediatr Obes. 2010 Oct 28. PubMed PMID: 20979572.
81. Rifas-Shiman SL, Sherry B, Scanlon K, Birch LL, Gillman MW, Taveras EM. [Does Maternal Feeding Restriction Lead To Childhood Obesity in a Prospective Cohort Study?](#) Arch Dis Child. 2010 Nov 16.

## 2011

82. Taveras EM, Rifas-Shiman SL, Rich-Edwards JW, Gunderson EP, Stuebe AM, Mantzoros CS. [Association of maternal short sleep duration with adiposity and cardiometabolic status at 3](#)

[years postpartum](#). Obesity (Silver Spring). 2011 Jan;19(1):171-8. Epub 2010 May 20. PubMed PMID: 20489690.

83. Parker M, Rifas-Shiman SL, Belfort MB, Taveras EM, Oken E, Mantzoros C, Gillman MW. [Gestational glucose tolerance and cord blood leptin levels predict slower weight gain in early infancy](#). J Pediatr. 2011 Feb;158(2):227-33. Epub 2010 Sep 19. PubMed PMID: 20855080.
84. Rich-Edwards JW, James-Todd T, Mohlajee A, Kleinman K, Burke A, Gillman MW, Wright RJ. [Lifetime maternal experiences of abuse and risk of pre-natal depression in two demographically distinct populations in Boston](#). 2011 Apr; 40(2): 375-384. PubMed PMID: 21169318.
85. Donahue SM, Rifas-Shiman SL, Gold DR, Jouni ZE, Gillman MW, Oken E. [Prenatal fatty acid status and child adiposity at age 3 y: results from a US pregnancy cohort](#). Am J Clin Nutr. 2011 Apr 1; 93(4): 780-788. PubMed PMID: 21310834.
86. Huh SY, Rifas-Shiman SL, Taveras EM, Oken E, Gillman MW. [Timing of solid food introduction and risk of obesity in preschool-aged children](#). Pediatrics. 2011 Mar;127(3):e544-51. doi: 10.1542/peds.2010-0740. Epub 2011 Feb 7. PubMed PMID: 21300681; PubMed Central PMCID: PMC3065143.
87. Sonneville KR, Rifas-Shiman SL, Oken E, Peterson KE, Gortmaker SL, Gillman MW, Taveras EM. [Longitudinal Association of Maternal Attempt to Lose Weight During the Postpartum Period and Child Obesity at Age 3 Years](#). Obesity (Silver Spring). 2011 Oct 1; 19(10): 2046-2052. PubMed PMID: 21350436.
88. Stuebe AM, Mantzoros C, Kleinman K, Gillman MW, Rifas-Shiman S, Gunderson EP, Rich-Edwards J. [Duration of lactation and maternal adipokines at 3 years postpartum](#). Diabetes. 2011 Apr;60(4):1277- 85. Epub 2011 Feb 24. PubMed PMID:21350085; PubMed Central PMCID: PMC3064101.
89. Taveras EM, Rifas-Shiman SL, Rich-Edwards JW, Mantzoros CS. [Maternal short sleep duration is associated with increased levels of inflammatory markers at 3 years postpartum](#). Metabolism. 2011 Jul;60(7):982-6. doi: 10.1016/j.metabol.2010.09.008. Epub 2010 Oct 30. PubMed PMID: 21040938.
90. Cohen JF, Rifas-Shiman SL, Rimm EB, Oken E, Gillman MW. [Maternal trans fatty acid intake and fetal growth](#). Am J Clin Nutr. 2011 Nov; 94(5): 1241-1247. PubMed PMID: 21918217.
91. Stuebe AM, Mantzoros C, Kleinman K, Gillman MW, Rifas-Shiman S, Seely EW, Rich-Edwards J. [Gestational Glucose Tolerance and Maternal Metabolic Profile at 3 Years Postpartum](#). Obstet Gynecol. 2011 Nov;118(5):1065-1073. PubMed PMID:22015874.

## 2012

92. Boeke CE, Baccarelli A, Kleinman KP, Burris HH, Litonjua AA, Rifas-Shiman SL, Tarantini L, Gillman M. [Gestational intake of methyl donors and global LINE-1 DNA methylation in maternal and cord](#)

[blood: Prospective results from a folate-replete population](#). Epigenetics. 2012 Mar;7(3):253-60. doi: 10.4161/epi.7.3.19082. PubMed PMID: 22430801; PubMed Central PMCID: PMC3335948.

93. Bradfield JP, Taal HR, Timpson NJ, Scherag A, Lecoeur C, Warrington NM, Hypponen E, Holst C, Valcarcel B, Thiering E, Salem RM, Schumacher FR, Cousminer DL, Sleiman PM, Zhao J, Berkowitz RI, Vimalaswaran KS, Jarick I, Pennell CE, Evans DM, St Pourcain B, Berry DJ, Mook-Kanamori DO, Hofman A, Rivadeneira F, Uitterlinden AG, van Duijn CM, van der Valk RJ, de Jongste JC, Postma DS, Boomsma DI, Gauderman WJ, Hassanein MT, Lindgren CM, Mägi R, Boreham CA, Neville CE, Moreno LA, Elliott P, Pouta A, Hartikainen AL, Li M, Raitakari O, Lehtimäki T, Eriksson JG, Palotie A, Dallongeville J, Das S, Deloukas P, McMahon G, Ring SM, Kemp JP, Buxton JL, Blakemore AI, Bustamante M, Guxens M, Hirschhorn JN, Gillman MW, Kreiner-Møller E, Bisgaard H, Gilliland FD, Heinrich J, Wheeler E, Barroso I, O'Rahilly S, Meirhaeghe A, Sørensen TI, Power C, Palmer LJ, Hinney A, Widen E, Farooqi IS, McCarthy MI, Froguel P, Meyre D, Hebebrand J, Jarvelin MR, Jaddoe VW, Smith GD, Hakonarson H, Grant SF; Early Growth Genetics Consortium. [A genome-wide association meta-analysis identifies new childhood obesity loci](#). Nat Genet. 2012 May;44(5):526-31. PMCID:PMC3370100.
94. Huh SY, Rifas-Shiman SL, Zera CA, Rich-Edwards JW, Oken E, Weiss ST, Gillman MW. [Delivery by caesarean section and risk of obesity in preschool age children: a prospective cohort study](#). Arch Dis Child. 2012 Jul 1;97(7):610-6. PubMed PMID: 22623615
95. Burris HH, Rifas-Shiman SL, Baccarelli A, Tarantini L, Boeke CE, Kleinman K, Litonjua AA, Rich-Edwards JW, Gillman MW. [Associations of LINE-1 DNA Methylation with Preterm Birth in a Prospective Cohort Study](#). J Dev Orig Health Dis. 2012 Jun;3(3):173-181. PMCID: PMC3377352.
96. Benjamin Neelon SE, Oken E, Taveras EM, Rifas-Shiman SL, Gillman MW. [Age of Achievement of Gross Motor Milestones in Infancy and Adiposity at Age 3 Years](#). Matern Child Health J. 2012 Jul;16(5):1015-20. PubMed PMID: 21643834. PMCID:PMC3321389.
97. Villamor E, Rifas-Shiman SL, Gillman MW, Oken E. [Maternal intake of methyl-donor nutrients and child cognition at 3 years of age](#). Paediatr Perinat Epidemiol. 2012 Jul; 26 (4):328-335. PMCID: PMC3375854
98. Burris HH, Rifas-Shiman SL, Camargo CA, Litonjua AA, Huh SY, Rich-Edwards JW, Gillman MW. [Plasma 25-Hydroxyvitamin D During Pregnancy & Small-for-Gestational Age in Black and White Infants](#). Annals of Epidemiology 2012; 2012 Aug;22(8):581-6. PMCID:PMC3396717.
99. Bottino CJ, Rifas-Shiman SL, Kleinman KP, Oken E, Redline S, Gold D, Schwartz J, Melly SJ, Koutrakis P, Gillman MW, Taveras EM. The [association of urbanicity with infant sleep duration](#). Health Place. 2012 Sep;18(5):1000-5.
100. Burris HH, Rifas-Shiman SL, Kleinman K, Litonjua AA, Huh SY, Rich-Edwards JW, Camargo CA, Gillman MW. [Vitamin D Deficiency in Pregnancy and Gestational Diabetes](#). Am J Obstet Gynecol. 2012 Sep;207(3):182.e1-8. PMCID: PMC3432741.
101. Morandi A, Meyre D, Lobbens S, Kleinman K, Kaakinen M, Rifas-Shiman SL, Vatin V, Gaget S, Pouta A, Hartikainen AL, Laitinen J, Ruokonen A, Das S, Khan AA, Elliott P, Maffei C, Gillman MW, Jarvelin MR, Froguel P. [Estimation of newborn risk for child or adolescent obesity: lessons](#)

[from longitudinal birth cohorts](#). PLoS One. 2012;7(11):e49919. doi: 10.1371/journal.pone.0049919. Epub 2012 Nov 28. PubMed PMID: 23209618; PubMed Central PMCID: PMC3509134.

102. Parker M, Rifas-Shiman SL, Oken E, Belfort MB, Jaddoe VW, Gillman MW. [Second trimester estimated fetal weight and fetal weight gain predict childhood obesity](#). J Pediatr. 2012 Nov;16(5):864-870.
103. Ertel KA, James-Todd T, Kleinman K, Krieger N, Gillman M, Wright R, Rich-Edwards J. [Racial discrimination, response to unfair treatment, and depressive symptoms among pregnant black and African American women in the United States](#). Ann Epidemiol. 2012 Dec;22(12):840-6. doi: 10.1016/j.annepidem.2012.10.001. Epub 2012 Nov 2. PubMed PMID: 23123506.
104. Dixon B, Rifas-Shiman SL, James-Todd T, Ertel K, Krieger N, Kleinman KP, Rich-Edwards JW, Gillman MW, Taveras EM. [Maternal experiences of racial discrimination and child weight status in the first 3 years of life](#). J Dev Orig Health Dis. 2012 Dec;3(6):433-41. doi: 10.1017/S2040174412000384. PubMed PMID: 25084296

## 2013

105. Horikoshi M, Yaghooskar H, Mook-Kanamori DO, Sovio U, Taal HR, Hennig BJ, Bradfield JP, St Pourcain B, Evans DM, Charoen P, Kaakinen M, Cousminer DL, Lehtimäki T, Kreiner-Møller E, Warrington NM, Bustamante M, Feenstra B, Berry DJ, Thiering E, Pfab T, Barton SJ, Shields BM, Kerkhof M, van Leeuwen EM, Fulford AJ, Kutalik Z, Zhao JH, den Hoed M, Mahajan A, Lindl V, Goh LK, Hottenga JJ, Wu Y, Raitakari OT, Harder MN, Meirhaeghe A, Ntalla I, Salem RM, Jameson KA, Zhou K, Monies DM, Lagou V, Kirin M, Heikkinen J, Adair LS, Alkuraya FS, Al-Odaib A, Amouyel P, Andersson EA, Bennett AJ, Blakemore AI, Buxton JL, Dallongeville J, Das S, de Geus EJ, Estivill X, Flexeder C, Froguel P, Geller F, Godfrey KM, Gottrand F, Groves CJ, Hansen T, Hirschhorn JN, Hofman A, Hollegaard MV, Hougaard DM, Hyppönen E, Inskip HM, Isaacs A, Jørgensen T, Kanaka-Gantenbein C, Kemp JP, Kiess W, Kilpeläinen TO, Klopp N, Knight BA, Kuzawa CW, McMahon G, Newnham JP, Niinikoski H, Oostra BA, Pedersen L, Postma DS, Ring SM, Rivadeneira F, Robertson NR, Sebert S, Simell O, Slowinski T, Tiesler CM, Tönjes A, Vaag A, Viikari JS, Vink JM, Vissing NH, Wareham NJ, Willemsen G, Witte DR, Zhang H, Zhao J; Meta-Analyses of Glucose- and Insulin-related traits Consortium (MAGIC), Wilson JF, Stumvoll M, Prentice AM, Meyer BF, Pearson ER, Boreham CA, Cooper C, Gillman MW, Dedoussis GV, Moreno LA, Pedersen O, Saarinen M, Mohlke KL, Boomsma DI, Saw SM, Lakka TA, Körner A, Loos RJ, Ong KK, Vollenweider P, van Duijn CM, Koppelman GH, Hattersley AT, Holloway JW, Hocher B, Heinrich J, Power C, Melbye M, Guxens M, Pennell CE, Bønnelykke K, Bisgaard H, Eriksson JG, Widén E, Hakonarson H, Uitterlinden AG, Pouta A, Lawlor DA, Smith GD, Frayling TM, McCarthy MI, Grant SF, Jaddoe VW, Jarvelin MR, Timpson NJ, Prokopenko I, Freathy RM; Early Growth Genetics (EGG) Consortium. [New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism](#). Nat Genet. 2013 Jan;45(1):76-82. doi: 10.1038/ng.2477. Epub 2012 Dec 2. PMID: 23202124; PMCID: PMC3605762.
106. Ouyang F, Parker M, Cerda S, Pearson C, Fu L, Gillman MW, Zuckerman B, Wang X. [Placental weight mediates the effects of prenatal factors on fetal growth: the extent differs by preterm](#)

[status](#). Obesity (Silver Spring). 2013 Mar;21(3):609-20. doi: 10.1002/obv.20254. PMID: 23592670.

107. Boeke CE, Gillman MW, Hughes MD, Rifas-Shiman SL, Villamor E, Oken E. [Choline intake during pregnancy and child cognition at age 7 years](#). Am J Epidemiol. 2013 Jun 15;177(12):1338-47. doi: 10.1093/aje/kws395. Epub 2013 Feb 20. PubMed PMID: 23425631.
108. Boeke CE, Oken E, Kleinman KP, Rifas-Shiman SL, Taveras EM, Gillman MW. [Correlations among adiposity measures in school-aged children](#). BMC Pediatr. 2013 Jun 24;13:99. doi: 10.1186/1471-2431-13-99. PMID: 23799991.
109. Taveras EM, Gillman MW, Kleinman KP, Rich-Edwards JW, Rifas-Shiman SL. [Reducing Racial/Ethnic Disparities in Childhood Obesity: The Role of Early Life Risk Factors](#). JAMA Pediatr. 2013 Aug 1:167(8). doi: 10.1001/jamapediatrics.2013.85. PMID: 23733179.
110. Boeke, Caroline, Christos Mantzoros, Michael Hughes, Sheryl Rifas-Shiman, Eduardo Villamor, Chloe Zera, and Matthew Gillman. [Differential Associations of Leptin with Adiposity across Early Childhood](#). Obesity 2013 Jul 21(7):1430-7. doi: 10.1002/oby.20314. Epub 2013 May 25. PMID: 2340839.
111. Belfort MB, Rifas-Shiman SL, Kleinman KP, Guthrie LB, Bellinger DC, Taveras EM, Gillman MW, Oken E. [Infant feeding and childhood cognition at ages 3 and 7 years: Effects of breastfeeding duration and exclusivity](#). JAMA Pediatr. 2013 Sep;167(9):836-44. doi: 10.1001/jamapediatrics.2013.455. PMID: 23896931; PMCID: PMC3998659.
112. Tse SM, Gold DR, Sordillo JE, Hoffman EB, Gillman MW, Rifas-Shiman SL, Fuhlbrigge AL, Tantisira KG, Weiss ST, Litonjua AA. [Diagnostic accuracy of the bronchodilator response in children](#). J Allergy Clin Immunol. 2013 Sep; 132(3):554-559.e5. doi:pii:S0091 6749(13)00520-4. 10.1016/j.jaci.2013.03.031. [Epub 2013 May 14]. PMID:23683464.
113. Regnault, N., M. W. Gillman, S. L. Rifas-Shiman, E. Eggleston, and E. Oken. [Sex-Specific Associations of Gestational Glucose Tolerance With Childhood Body Composition](#). Diabetes Care 2013 Oct; 36(10):3045-53. doi: 10.2337/dc13- 0333. Epub 2013 Jul 22. PMID: 23877978.

## 2014

114. de Hoog ML, Kleinman KP, Gillman MW, Vrijkotte TG, van Eijsden M, Taveras EM. [Racial/ethnic and immigrant differences in early childhood diet quality](#). Public Health Nutr. 2014 Jun;17(6):1308-17. doi: 10.1017/S1368980013001183. Epub 2013 May 7. PMID: 23651520; PMCID: PMC3883931.
115. Burris HH, Rifas-Shiman SL, Huh SY, Kleinman K, Litonjua AA, Oken E, Rich-Edwards JW, Camargo CA Jr, Gillman MW. [Vitamin D status and hypertensive disorders in pregnancy](#). Ann Epidemiol. 2014 May; 24(5): 399-403. doi: 10.1016/j.annepidem.2014.02.001. PMID: 24631523.
116. Regnault N, Kleinman KP, Rifas-Shiman SL, Langenberg C, Lipshultz SE, Gillman MW. [Components of height and blood pressure in childhood](#). Int J Epidemiol. 2014 Feb;43(1):149-59. doi: 10.1093/ije/dyt248. Epub 2014 Jan 10. PMID: 24413933

117. Boeke CE, Storfer-Isser A, Redline S, Taveras EM. [Childhood sleep duration and quality in relation to leptin concentration in two cohort studies](#). *Sleep*. 2014 Mar 1;37(3):613-20. doi: 10.5665/sleep.3510. PubMed PMID: 24587585; PubMed Central PMCID: PMC3920328.
118. Cespedes EM, Gillman MW, Kleinman K, Rifas-Shiman SL, Redline S, Taveras EM. [Television Viewing, Bedroom Television, and Sleep Duration From Infancy to Mid-Childhood](#). *Pediatrics*. 2014 May 1; 133(5); e1163-71. PMID: 24733878.
119. Fleisch AF, Gold DR, Rifas-Shiman SL, Koutrakis P, Schwartz JD, Kloog I, Melly S, Coull BA, Zanobetti A, Gillman MW, Oken E. [Air Pollution Exposure and Abnormal Glucose Tolerance during Pregnancy: The Project Viva Cohort](#). *Environ Health Perspect*. 2014 Apr;122(4):378-83. doi: 10.1289/ehp.1307065. Epub 2014 Feb 5. PMID: 24508979.
120. Taveras EM, Gillman MW, Peña MM, Redline S, Rifas-Shiman SL. [Chronic sleep curtailment and adiposity](#). *Pediatrics*. 2014 Jun;133(6):1013-22.
121. Bunyavanich S, Rifas-Shiman SL, Platts-Mills TA, Workman L, Sordillo JE, Gillman MW, Gold DR, Litonjua AA. [Peanut allergy prevalence among school-age children in a US cohort not selected for any disease](#). *J Allergy Clin Immunol*; 2014 Jul 30. pii: S0091-6749(14)00883-5. PMID: 25086866; PMCID: PMC4149917
122. Kalish BT, Rifas-Shiman SL, Wright RO, Amarasiriwardena CJ, Jayawardene I, Gillman MW, Lipshultz SE, Oken E. [Associations of Prenatal Maternal Blood Mercury Concentrations with Early and Mid-Childhood Blood Pressure: A Prospective Study](#). *Environ Res*. 2014 Aug;133:327-33. PMID: 25019468
123. Regnault N, Gillman MW. [Importance of Characterizing Growth Trajectories](#). *Ann Nutr Metab*. 2014;65(2-3):110-3. doi: 10.1159/000365893. 2014 Nov 18. PMID: 25413648.
124. Perng W, Gillman MW, Mantzoros CS, Oken E. [A prospective study of maternal prenatal weight and offspring cardiometabolic health in midchildhood](#). *Ann Epidemiol*. 2014 Nov;24(11):793-800.e1. doi: 10.1016/j.annepidem.2014.08.002. Epub 2014 Sep 3. PubMed PMID: 25263237; PubMed Central PMCID: PMC4254266.
125. Li L, Kleinman KP, Gillman MW. [A comparison of confounding adjustment methods with an application to early life determinants of childhood obesity](#). *J Dev Orig Health Dis*, 2014 Dec;5(6):435-47. doi: 10.1017/S2040174414000415. Epub 2014 Aug 29. PMID: 25171142; NIHMS637273.
126. Cespedes EM, Rifas-Shiman SL, Redline S, Gillman MW, Peña MM, Taveras EM. [Longitudinal associations of sleep curtailment with metabolic risk in mid-childhood](#). *Obesity (Silver Spring)*. 2014 Dec;22(12):2586-92. doi: 10.1002/oby.20894. Epub 2014 Sep 19. PMID: 25234485; PMCID: PMC4236242.
127. Perng W, Gillman MW, Fleisch AF, Michalek RD, Watkins SM, Isganaitis E, Patti ME, Oken E. [Metabolomic profiles and childhood obesity](#). *Obesity (Silver Spring)*, 2014 Dec;22(12):2570-8. doi: 10.1002/oby.20901. Epub 2014 Sep 24. PMID: 25251340; PMCID: PMC4236243.

128. Regnault N, Gillman MW, Kleinman K, Rifas-Shiman S, Botton J. [Comparative Study of Four Growth Models Applied to Weight and Height Growth Data in a Cohort of US Children from Birth to 9 Years](#). Ann Nutr Metab. 2014;65(2-3):167-74. doi: 10.1159/000365894. Epub 2014 Sep 26. PMID: 25413655
129. Perkins M, Wright RO, Amarasiriwardena CJ, Jayawardene I, Rifas-Shiman SL, Oken E. [Very low maternal lead level in pregnancy and birth outcomes in an eastern Massachusetts population](#). Ann Epidemiol. 2014 Dec; 24(12):915-9. doi: 10.1016/j.annepidem.2014.09.007. Epub 2014 Sep 28. PubMed PMID: 25444892; PubMed Central PMCID: PMC4254591.

## 2015

130. Rice MB, Rifas-Shiman SL, Oken E, Gillman MW, Ljungman PL, Litonjua AA, Schwartz J, Coull BA, Zanobetti A, Koutrakis P, Melly SJ, Mittleman MA, Gold DR. [Exposure to traffic and early life respiratory infection: A cohort study](#). Pediatr Pulmonol. 2015 Mar 1; 50(3): 252-259. doi: 10.1002/ppul.23029. PMID: 24678045.
131. Sonnevile KR, Long MW, Rifas-Shiman SL, Kleinman K, Gillman MW, Taveras EM. [Juice and water intake in infancy and later beverage intake and adiposity: Could juice be a gateway drink?](#) Obesity (Silver Spring). 2015 Jan;23(1):170-6. doi: 10.1002/oby.20927. Epub 2014 Oct 18. PMID: 25328160; PMCID: PMC4276519.
132. Perng W, Stuart J, Rifas-Shiman SL, Rich-Edwards JW, Stuebe A, Oken E. [Preterm birth and long-term maternal cardiovascular health](#). Ann Epidemiol. 2015 Jan;25(1):40-5. Epub 2014 Oct 18.
133. Fleisch AF, Rifas-Shiman SL, Koutrakis P, Schwartz JD, Kloog I, Melly S, Coull BA, Zanobetti A, Gillman MW, Gold DR, Oken E. [Prenatal exposure to traffic pollution: associations with reduced fetal growth and rapid infant weight gain](#). Epidemiology. 2015 Jan;26(1):43-50. doi: 10.1097/EDE.0000000000000203. PubMed PMID: 25437317; PubMed Central PMCID: PMC4285344.
134. van Rossem L, Rifas-Shiman SL, Melly SJ, Kloog I, Luttmann-Gibson H, Zanobetti A, Coull BA, Schwartz JD, Mittleman MA, Oken E, Gillman MW, Koutrakis P, Gold DR. [Prenatal Air Pollution Exposure and Newborn Blood Pressure](#). Environ Health Perspect. 2015 Apr; 123(4):353. PMID: 25625652.
135. Hivert MF, Perng W, Watkins SM, Newgard CS, Kenny LC, Kristal BS, Patti ME, Isganaitis E, DeMeo DL, Oken E, Gillman MW. [Metabolomics in the developmental origins of obesity and its cardiometabolic consequences](#). J Dev Orig Health Dis. 2015 Apr; 6(2):65-78. PMID: 25631626.
136. Sordillo JE, Scirica CV, Rifas-Shiman SL, Gillman MW, Bunyavanich S, Camargo CA, Weiss ST, Gold DR, Litonjua AA. [Prenatal and infant exposure to acetaminophen and ibuprofen and the risk for wheeze and asthma in children](#). J Allergy Clin Immunol. 2015 Feb;135(2):441-8. Epub 2014 Oct 28.
137. Oken E, Baccarelli AA, Gold DR, Kleinman KP, Litonjua AA, De Meo D, Rich-Edwards JW, Rifas-Shiman SL, Sagiv S, Taveras EM, Weiss ST, Belfort MB, Burris HH, Camargo CA Jr, Huh SY, Mantzoros C, Parker MG, Gillman MW. [Cohort profile: Project Viva](#). Int J Epidemiol. 2015

Feb;44(1):37-48. doi: 10.1093/ije/dyu008. Epub 2014 Mar 16. PubMed PMID: 24639442; PubMed Central PMCID: PMC4339753.

138. Isganaitis E, Rifas-Shiman SL, Oken E, Dreyfuss JM, Gall W, Gillman MW, Patti ME. [Associations of cord blood metabolites with early childhood obesity risk](#). *Int J Obes (Lond)*. 2015 Jul;39(7):1041-8. doi: 10.1038/ijo.2015.39. Epub 2015 Mar 25. PubMed PMID: 25804930; PubMed Central PMCID: PMC4496296.
139. Harris MH, Gold DR, Rifas-Shiman SL, Melly SJ, Zanobetti A, Coull BA, Schwartz JD, Gryparis A, Kloog I, Koutrakis P, Bellinger DC, White RF, Sagiv SK, Oken E. [Prenatal and Childhood Traffic-Related Pollution Exposure and Childhood Cognition in the Project Viva Cohort \(Massachusetts, USA\)](#). *Environ Health Perspect*. 2015 Oct; 123(10):1072. PubMed PMID: 25839914.
140. Kong KL, Gillman MW, Rifas-Shiman SL, Wen X. [Leisure time physical activity before and during mid-pregnancy and offspring adiposity in mid-childhood](#). *Pediatr Obes*. 2015 Apr 1; 11(2):81-87. doi: 10.1111/ijpo.12024. PubMed PMID: 25854785.
141. Provenzano AM, Rifas-Shiman SL, Herring SJ, Rich-Edwards JW, Oken E. [Associations of Maternal Material Hardships During Childhood and Adulthood with Prepregnancy Weight, Gestational Weight Gain, and Postpartum Weight Retention](#). *J Womens Health (Larchmt)*. 2015 Jul 1;24(7):563-71. PMID: 25902486.
142. Walter JR, Perng W, Kleinman KP, Rifas-Shiman SL, Rich-Edwards JW, Oken E. [Associations of trimester-specific gestational weight gain with maternal adiposity and systolic blood pressure at 3 and 7 years postpartum](#). *Am J Obstet Gynecol*. 2015 Apr;212(4):499.e1-12. doi: 10.1016/j.ajog.2014.11.012. 2014 Nov 13. PubMed PMID: 25446696; PubMed Central PMCID: PMC4387018.
143. Farland LV, Rifas-Shiman SL, Gillman MW. [Early Pregnancy Cravings, Dietary Intake, and Development of Abnormal Glucose Tolerance](#). *J Acad Nutr Diet*. 2015 Jun 20. pii: S2212-2672(15)00506-7. doi: 10.1016/j.jand.2015.04.018. PubMed PMID: 26099686.
144. Huang T, Rifas-Shiman SL, Ertel KA, Rich-Edwards J, Kleinman K, Gillman MW, Oken E, James-Todd T. [Pregnancy Hyperglycaemia and Risk of Prenatal and Postpartum Depressive Symptoms](#). *Paediatr Perinat Epidemiol*. 2015 Jul;29(4):281-9. doi: 10.1111/ppe.12199. 2015 Jun 8. PubMed PMID: 26058318.
145. Sagiv SK, Rifas-Shiman SL, Webster TF, Mora AM, Harris MH, Calafat AM, Ye X, Gillman MW, Oken E. [Sociodemographic and Perinatal Predictors of Early Pregnancy Per- and Polyfluoroalkyl Substance \(PFAS\) Concentrations](#). *Environ Sci Technol*. 2015 Oct 6;49(19):11849-58. Epub 2015 Sep 11.

146. Perng W, Rifas-Shiman SL, Rich-Edwards JW, Stuebe AM, Oken E. [Inflammation and weight gain in reproductive-aged women](#). *Ann Hum Biol*. 2016;43(1):91-5. doi: 10.3109/03014460.2014.968619. Epub 2014 Dec 16. PubMed PMID: 25510294. PMCID: PMC5076557
147. Cespedes EM, Hu FB, Redline S, Rosner B, Gillman MW, Rifas-Shiman SL, Taveras EM. [Chronic insufficient sleep and diet quality: Contributors to childhood obesity](#). *Obesity (Silver Spring)*. 2016 Jan;24(1):184-90. doi: 10.1002/oby.21196. Epub 2015 Nov 23.; PMID: 26592489. PMCID:PMC4688156
148. Belfort MB, Rifas-Shiman SL, Kleinman KP, Bellinger DC, Harris MH, Taveras EM, Gillman MW, Oken E. [Infant Breastfeeding Duration and Mid-Childhood Executive Function, Behavior, and Social-Emotional Development](#). *J Dev Behav Pediatr*. 2016 Jan;37(1):43-52. doi: 10.1097/DBP.0000000000000237. PMID: 26651091. PMCID:PMC4829914
149. Perng W, Rifas-Shiman SL, Kramer MS, Haugeard LK, Oken E, Gillman MW, Belfort MB. [Early Weight Gain, Linear Growth, and Mid-Childhood Blood Pressure: A Prospective Study in Project Viva](#). *Hypertension*. 2016 Feb;67(2):301-8. doi: 10.1161/HYPERTENSIONAHA.115.06635. Epub 2015 Dec 7.
150. Bunyavanich S, Rifas-Shiman SL, Platts-Mills TA, Workman L, Sordillo JE, Camargo CA, Jr., Gillman MW, Gold DR, Litonjua AA. [Prenatal, Perinatal, and Childhood Vitamin D Exposure and Their Association with Childhood Allergic Rhinitis and Allergic Sensitization](#). *J Allergy Clin Immunol* 2016 Apr;137(4):1063-70.e1-2. doi: 10.1016/j.jaci.2015.11.031. Epub 2016 Feb 10. PMID: 26874366. PMCID: PMC4826831
151. Joubert BR, Felix JF, Yousefi P, Bakulski KM, Just AC, Breton C, Reese SE, Markunas CA, Richmond RC, Xu CJ, Kupers LK, Oh SS, Hoyo C, Gruzieva O, Soderhall C, Salas LA, Baiz N, Zhang H, Lepeule J, Ruiz C, Ligthart S, Wang T, Taylor JA, Duijts L, Sharp GC, Jankipersadsing SA, Nilsen RM, Vaez A, Fallin MD, Hu D, Litonjua AA, Fuemmeler BF, Huen K, Kere J, Kull I, Munthe-Kaas MC, Gehring U, Bustamante M, Saurel-Coubizolles MJ, Quraishi BM, Ren J, Tost J, Gonzalez JR, Peters MJ, Haberg SE, Xu Z, van Meurs JB, Gaunt TR, Kerkhof M, Corpeleijn E, Feinberg AP, Eng C, Baccarelli AA, Benjamin Neelon SE, Bradman A, Merid SK, Bergstrom A, Herceg Z, Hernandez-Vargas H, Brunekreef B, Pinart M, Heude B, Ewart S, Yao J, Lemonnier N, Franco OH, Wu MC, Hofman A, McArdle W, Van der Vlies P, Falahi F, Gillman MW, Barcellos LF, Kumar A, Wickman M, Guerra S, Charles MA, Holloway J, Auffray C, Tiemeier HW, Smith GD, Postma D, Hivert MF, Eskenazi B, Vrijheid M, Arshad H, Anto JM, Dehghan A, Karmaus W, Annesi-Maesano I, Sunyer J, Ghantous A, Pershagen G, Holland N, Murphy SK, DeMeo DL, Burchard EG, Ladd-Acosta C, Snieder H, Nystad W, Koppelman GH, Relton CL, Jaddoe VW, Wilcox A, Melen E, London SJ. [DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-Wide Consortium Meta-Analysis](#). *Am J Hum Genet* 2016 Apr 7; 98(4): 680-96. doi: 10.1016/j.ajhg.2016.02.019. Epub 2016 Mar 31. PMID: 27040690; PMC4833289
152. Rice MB, Rifas-Shiman SL, Litonjua AA, Oken E, Gillman MW, Kloog I, Luttmann-Gibson H, Zanobetti A, Coull BA, Schwartz J, Koutrakis P, Mittleman MA, Gold DR. [Lifetime Exposure to Ambient Pollution and Lung Function in Children](#). *Am J Respir Crit Care Med*. 2016 Apr 15;193(8):881-8. doi: 10.1164/rccm.201506-1058OC; PMID:26575800. PMCID: PMC4849180

153. Sen S, Rifas--Shiman SL, Shivappa N, Wirth MD, Hébert JR, Gold DR, Gillman MW, Oken E. [Dietary Inflammatory Potential during Pregnancy Is Associated with Lower Fetal Growth and Breastfeeding Failure: Results from Project Viva](#). *J Nutr*. 2016 Apr;146(4):728–36. doi: 10.3945/jn.115.225581. Epub 2016 Mar 2. PMID: 26936137; PMCID:PMC4807648
154. Stratakis N, Roumeliotaki T, Oken E, Barros H, Basterrechea M, Charles MA, Eggesbø M, Forastiere F, Gaillard R, Gehring U, Govarts E, Hanke W, Heude B, Iszatt N, Jaddoe VW, Kelleher C, Mommers M, Murcia M, Oliveira A, Pizzi C, Polańska K, Porta D, Richiardi L, Rifas–Shiman SL, Schoeters G, Sunyer J, Thijs C, Viljoen K, Vrijheid M, Vrijkotte TG, Wijga AH, Zeegers MP, Kogevinas M, Chatzi L. [Fish Intake in Pregnancy and Child Growth: A Pooled Analysis of 15 European and US Birth Cohorts](#). *JAMA Pediatr*. 2016 Apr;170(4):381–90. doi: 10.1001/jamapediatrics.2015.4430. PMID: 26882542; PMCID: PMC5103635
155. Gaillard R, Rifas-Shiman SL, Perng W, Oken E, Gillman MW. [Maternal inflammation during pregnancy and childhood adiposity](#). *Obesity (Silver Spring)*. 2016 Jun;24(6):1320–7. doi: 10.1002/oby.21484. Epub 2016 Apr 20. PMID: 27094573; PMCID: PMC4918508.
156. Parmar PG, Taal HR, Timpson NJ, Thiering E, Lehtimäki T, Marinelli M, Lind PA, Howe LD, Verwoert G, Aalto V, Uitterlinden AG, Briollais L, Evans DM, Wright MJ, Newnham JP, Whitfield JB, Lyytikäinen LP, Rivadeneira F, Boomsma DI, Viikari J, Gillman MW, St Pourcain B, Hottenga JJ, Montgomery GW, Hofman A, Kähönen M, Martin NG, Tobin MD, Raitakari O, Vioque J, Jaddoe VW, Jarvelin MR, Beilin LJ, Heinrich J, van Duijn CM, Pennell CE, Lawlor DA, Palmer LJ; Early Genetics and Lifecourse Epidemiology Consortium. [International Genome-Wide Association Study Consortium Identifies Novel Loci Associated With Blood Pressure in Children and Adolescents](#). *Circ Cardiovasc Genet*. 2016 Jun;9(3):266–78. doi: 10.1161/CIRCGENETICS.115.001190. Epub 2016 Mar 11. PMID: 26969751; PMC5279885
157. Perng W, Hajj H, Belfort MB, Rifas-Shiman SL, Kramer MS, Gillman MW, Oken E. [Birth Size, Early Life Weight Gain, and Midchildhood Cardiometabolic Health](#). *J Pediatr*. 2016 Jun;173:122–130.e1. doi: 10.1016/j.jpeds.2016.02.053. Epub 2016 Mar 16. PMID: 26995700; PMCID: PMC4884526.
158. Cheng ER, Rifas-Shiman SL, Perkins ME, Rich-Edwards JW, Gillman MW, Wright R, Taveras EM. [The Influence of Antenatal Partner Support on Pregnancy Outcomes](#). *J Womens Health (Larchmt)* 2016 Jul;25(7):672–9. doi: 10.1089/jwh.2015.5462. Epub 2016 Feb 1. PMID: 26828630; PMCID:PMC4985003
159. Hivert MF, Rifas-Shiman SL, Gillman MW, Oken E. [Greater early and mid-pregnancy gestational weight gains are associated with excess adiposity in mid-childhood](#). *Obesity (Silver Spring)*. 2016 Jul;24(7):1546–53. doi: 10.1002/oby.21511. PMID: 27345963; PMCID: PMC4968400.
160. Peña MM, Rifas-Shiman SL, Gillman MW, Redline S, Taveras EM. [Racial/Ethnic and Socio-Contextual Correlates of Chronic Sleep Curtailment in Childhood](#). *Sleep*. 2016 Sep 1;39(9):1653–61. doi: 10.5665/sleep.6086. PMID: 27306269; PMCID:PMC4989254
161. Haugaard LK, Baker JL, Perng W, Belfort MB, Rifas-Shiman SL, Switkowski K, Oken E, Gillman MW. [Growth in Total Height and Its Components and Cardiometabolic Health in Childhood](#). *PLoS*

One. 2016 Sep 22;11(9):e0163564. doi: 10.1371/journal.pone.0163564. eCollection 2016. PMID: 27658308; PMCID:PMC5033234

162. Harris MH, Gold DR, Rifas-Shiman SL, Melly SJ, Zanobetti A, Coull BA, Schwartz JD, Gryparis A, Kloog I, Koutrakis P, Bellinger DC, Belfort MB, Webster TF, White RF, Sagiv SK, Oken E. [Prenatal and childhood traffic-related air pollution exposure and childhood executive function and behavior](#). *Neurotoxicol Teratol*. 2016 Sep - Oct;57:60-70. doi: 10.1016/j.ntt.2016.06.008. Epub 2016 Jun 25. PMID: 27350569; PMCID: PMC5056808
163. Oken E, Rifas-Shiman SL, Amarasiriwardena C, Jayawardene I, Bellinger DC, Hibbeln JR, Wright RO, Gillman MW. [Maternal prenatal fish consumption and cognition in mid childhood: Mercury, fatty acids, and selenium](#). *Neurotoxicol Teratol*. 2016 Sep – Oct;57:71-78. doi:10.1016/j.ntt.2016.07.001. Epub 2016 Jul 2. PMID: 27381635; PMCID:PMC5056822
164. Kong KL, Gillman MW, Rifas-Shiman SL, Wen X. [Mid-childhood fruit and vegetable consumption: The roles of early liking, early consumption, and maternal consumption](#). *Appetite*. 2016 Oct 1;105:306-11. doi: 10.1016/j.appet.2016.05.033. Epub 2016 May 27. PMID:27238899; PMCID: PMC4980242
165. Switkowski KM, Jacques PF, Must A, Kleinman KP, Gillman MW, and Oken E. [Maternal protein intake during pregnancy and linear growth in offspring](#). *Am J Clin Nutr*. 2016 Oct;104(4):1128-1136. Epub 2016 Aug 31. PMID: 27581477; PMCID:PMC5039807
166. Oken E, Morton-Eggleston E, Rifas-Shiman SL, Switkowski KM, Hivert MF, Fleisch AF, Mantzoros C, Gillman MW. [Sex-Specific Associations of Maternal Gestational Glycemia with Hormones in Umbilical Cord Blood at Delivery](#). *Am J Perinatol*. 2016 Nov; 33(13): 1273-1281. Epub 2016 Aug 4. PMID:27238899; PMCID:PMC5080532
167. Agha G, Hajj H, Rifas-Shiman SL, Just AC, Hivert MF, Burriss HH, Lin X, Litonjua AA, Oken E, DeMeo DL, Gillman MW, Baccarelli AA. [Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood](#). *Clin Epigenetics*. 2016 Nov 16;8:118. doi: 10.1186/s13148-016-0285-3. eCollection 2016. PMID: 27891191; PMCID:PMC5112715.
168. Tse SM, Rifas-Shiman SL, Coull BA, Litonjua AA, Oken E, Gold DR. [Sex-Specific Risk Factors for Childhood Wheeze and Longitudinal Phenotypes of Wheeze](#). *J Allergy Clin Immunol* 2016 Dec 31; 138(6): 1561-1568.e6. doi: 10.1016/j.jaci.2016.04.005. Epub 2016 Apr 27. PMID: 27246527; PMCID: PMC5083247.

## 2017

169. Fleisch AF, Luttmann-Gibson H, Perng W, Rifas-Shiman SL, Coull BA, Kloog I, Koutrakis P, Schwartz JD, Zanobetti A, Mantzoros CS, Gillman MW, Gold DR, Oken E. [Prenatal and early life exposure to traffic pollution and cardiometabolic health in childhood](#). *Pediatr Obes*. 2017 Feb; 12(1):48-57. doi: 10.1111/ijpo.12106. Epub 2016 Feb 4. PMID: 26843357; PMCID:PMC4974151.
170. Louer AL, Simon DN, Switkowski KM, Rifas-Shiman SL, Gillman MW, Oken E. [Assessment of Child Anthropometry in a Large Epidemiologic Study](#). *J Vis Exp*. 2017 Feb 2;(120). doi(120):10.3791/54895. PMID: 2819188; PMCID: PMC5344680

171. Fleisch AF, Rifas-Shiman SL, Luttmann-Gibson H, Mora AM, Calafat AM, Ye X, Webster T, Gillman MW, Oken E, Sagiv SK. [Early Life Exposure to Perfluoroalkyl Substances and Childhood Metabolic Function](#). Environ Health Perspect. 2017 Mar;125(3):481-487. doi: 10.1289/EHP303. Epub 2016 Sep 2. PMID: 27586368; PMCID: PMC5332186.
172. Mora AM, Oken E, Rifas-Shiman SL, Webster TF, Gillman MW, Calafat AM, Ye X, Sagiv SK. [Prenatal Exposure to Perfluoroalkyl Substances and Adiposity in Early and Mid-Childhood](#). Environ Health Perspect. 2017 Mar; 125(3):467-473. doi: 10.1289/EHP246. Epub 2016 Jun 28. PMID: 27352404 PMCID: PMC5332178. PMCID: PMC5332178
173. Cardenas A, Rifas-Shiman SL, Agha G, Hivert MF, Litonjua AA, DeMeo DL, Lin X, Amarasiriwardena CJ, Oken E, Gillman MW, Baccarelli AA. [Persistent DNA methylation changes associated with prenatal mercury exposure and cognitive performance during childhood](#). Sci Rep. 2017 Mar 21;7(1):288,017-00384-5. doi: 10.1038/s41598-017-00384-5.; PMID:28325913 PMCID:PMC5428306
174. Mueller NT, Rifas-Shiman SL, Blaser MJ, Gillman MW, Hivert MF. [Association of prenatal antibiotics with foetal size and cord blood leptin and adiponectin](#). Pediatr Obes. 2017 Apr;12(2):129-36. doi: 10.1111/ijpo.12119. Epub 2016 Mar 7.; PMID:26948966 PMCID:PMC5014721
175. Rifas-Shiman SL, Fleisch A, Hivert MF, Mantzoros C, Gillman MW, Oken E. [First and second trimester gestational weight gains are most strongly associated with cord blood levels of hormones at delivery important for glycemic control and somatic growth](#). Metabolism. 2017 Apr;69:112-9. doi: 10.1016/j.metabol.2017.01.019. Epub 2017 Jan 16.; PMID:28285640 PMCID:PMC5354298
176. Harris MH, Rifas-Shiman SL, Calafat AM, Ye X, Mora AM, Webster TF, Oken E, Sagiv SK. [Predictors of per- and polyfluoroalkyl substance \(PFAS\) plasma concentrations in 6-10 year old American children](#). Environ Sci Technol. 2017 May 2;51(9):5193-5204. doi: 10.1021/acs.est.6b05811. Epub 2017 Apr 11.; PMID:28325044 PMCID:PMC5576362
177. Fleisch AF, Rifas-Shiman SL, Rokoff, LB, Hivert MF, Mantzoros C, Oken E. [Associations of Maternal Prenatal Smoking with Umbilical Cord Blood Hormones: The Project Viva Cohort](#). Metabolism: Clinical and Experimental. 2017 July; 72:18-26. doi: 10.1016/j.metabol.2017.04.001.Epub 2017 Apr 8.; PMID:28641780 PMCID:PMC5497769
178. Blomberg M, Rifas-Shiman SL, Camargo CA,Jr, Gold DR, Asgari MM, Thyssen JP, Litonjua AA, Gillman MW, Oken E. [Low maternal prenatal 25-hydroxy vitamin D blood levels are associated with childhood atopic dermatitis](#). J Invest Dermatol. 2017 Jun;137(6):1380-1384. doi: 10.1016/j.jid.2017.01.029. Epub 2017 Feb 12.; PMID: 28202402 PMCID:PMC5492980
179. Switkowski KM, Jacques PF, Must A, Hivert MF, Fleisch A, Gillman MW, Rifas-Shiman SL, Oken E. [Higher Maternal Protein Intake during Pregnancy Is Associated with Lower Cord Blood Concentrations of Insulin-like Growth Factor \(IGF\)-II, IGF Binding Protein 3, and Insulin, but Not IGF-I, in a Cohort of Women with High Protein Intake](#). Journal of Nutrition. 2017 Jul; 147(&):1392-1400. doi: 10.3945/jn.117.250589. Epub 2017 Jun 7. PMID: 28592512. PMCID:PMC5483967

180. Gillman MW, Rifas-Shiman SL, Fernandez-Barres S, Kleinman K, Taveras EM, Oken E. [Beverage Intake during Pregnancy and Childhood Adiposity](#). *Pediatrics*. 2017 Aug; 140(2). pii: e20170031. Doi: 10.1542/peds.2017-0031. doi: 10.1542/peds.2017-0031. Epub 2017 Jul 8. PMID:28689188 PMCID:PMC5527670
181. Chatzi L, Rifas-Shiman SL, Georgiou V, Joung KE, Koinaki S, Chalkiadaki G, Margioris A, Sarri K, Vassilaki M, Vafeiadi M, Kogevinas M, Mantzoros C, Gillman MW, Oken E. [Adherence to the Mediterranean diet during pregnancy and offspring adiposity and cardiometabolic traits in childhood](#). *Pediatr Obes*. 2017 Aug;12 Suppl 1:47-56. doi: 10.1111/ijpo.12191. Epub 2017 Feb 3.; PMID:28160450 PMCID:PMC5697744
182. Taveras EM, Rifas-Shiman SL, Bub KL, Gillman MW, Oken E. [Prospective Study of Insufficient Sleep and Neurobehavioral Functioning among School-Age Children](#). *Acad Pediatr*. 2017 Aug;17(6):625-632. doi: 10.1016/j.acap.2017.02.001. Epub 2017 Feb 9.; PMID:28189692 PMCID: PMC5545152
183. Block JP, Oken E. [Practical Considerations for the US Preventive Services Task Force Recommendations on Obesity in Children and Adolescents](#). *JAMA Intern Med*. 2017 Aug 1;177(8):1077-1079. doi: 10.1001/jamainternmed.2017.1978. PMID: 28632842.
184. Kresovich JK, Zheng Y, Cardenas A, Joyce BT, Rifas-Shiman SL, Oken E, Gillman MW, Hivert MF, Baccarelli AA, Hou L. [Cord blood DNA methylation and adiposity measures in early and mid-childhood](#). *Clin Epigenetics*. 2017 Aug 15;9:86. doi: 10.1186/s13148-017-0384-9. eCollection 2017. PMID: 28814982. PMCID:PMC5558655
185. Wu S, Hivert MF, Cardenas A, Zhong J, Rifas-Shiman SL, Agha G, Colicino E, Just AC, Amarasiwardena C, Lin X, Litonjua AA, DeMeo DL, Gillman MW, Wright RO, Oken E, Baccarelli AA. [Exposure to Low Levels of Lead in Utero and Umbilical Cord Blood DNA Methylation in Project Viva: An Epigenome-Wide Association Study](#). *Environ Health Perspect*. 2017 Aug 25;125(8):087019. doi: 10.1289/EHP1246. PMID:28858830. PMCID:PMC5783669
186. Cardenas A, Rifas-Shiman SL, Godderis L, Duca RC, Navas-Acien A, Litonjua AA, DeMeo DL, Brennan KJ, Amarasiwardena CJ, Hivert MF, Gillman MW, Oken E, Baccarelli AA. [Prenatal Exposure to Mercury: Associations with Global DNA Methylation and Hydroxymethylation in Cord Blood and in Childhood](#). *Environ Health Perspect*. 2017 Aug 29;125(8):087022. doi: 10.1289/EHP1467. PMID: 28934725 PMCID: PMC5783674
187. Turturice BA, Ranjan R, Nguyen B, Hughes LM, Andropolis KE, Gold DR, Litonjua AA, Oken E, Perkins DL, Finn PW. [Perinatal Bacterial exposure contributes to IL-13 Aeroallergen Response](#). *Am J Respir Cell Mol Biol*. 2017 Oct;57(4):419-427. doi: 10.1165/rcmb.2017-0027OC. PMID: 28443674.
188. Stratakis N, Roumeliotaki T, Oken E, Ballester F, Barros H, Basterrechea M, Cordier S, de Groot R, den Dekker HT, Duijts L, Eggesbo M, Pia Fantini M, Forastiere F, Gehring U, Gielen M, Gori D, Govarts E, Inskip HM, Iszatt N, Jansen M, Kelleher C, Mehegan J, Molto-Puigmarti C, Mommers M, Oliveira A, Olsen SF, Pele F, Pizzi C, Porta D, Richiardi L, Rifas-Shiman SL, Robinson SM, Schoeters G, Strom M, Sunyer J, Thijs C, Vrijheid M, Vrikotte TG, Wijga AH, Kogevinas M, Zeegers MP, Chatzi L. [Fish and seafood consumption during pregnancy and the risk of asthma and](#)

[allergic rhinitis in childhood: a pooled analysis of 18 European and US birth cohorts](#). Int J Epidemiol. 2017 Oct 1;46(5):1465-1477. doi: 10.1093/ije/dyx007.; PMID:28338907

189. Ertel KA, Huang T, Rifas-Shiman SL, Kleinman K, Rich-Edwards J, Oken E, James-Todd T. [Perinatal weight and risk of prenatal and postpartum depressive symptoms](#). Ann Epidemiol. 2017 Nov;27(11):695-700.e1. doi: 10.1016/j.annepidem.2017.10.007. Epub 2017 Oct 16. PMID: 29110970. PMCID: PMC5763569
190. Perng, W., Rifas-Shiman, S., McCulloch, S., Chatzi, L., Mantzoros, C., Hivert, MF., Oken, E. [Associations of cord blood metabolites with perinatal characteristics, newborn anthropometry, and cord blood hormones in project viva.](#) 2017 Nov;76:11-22. doi: 10.1016/j.metabol.2017.07.001. Epub 2017 Jul 17. PMID:28987236. PMCID:PMC5675164
191. Farr OM, Rifas-Shiman SL, Oken E, Taveras EM, Mantzoros CS. [Current child, but not maternal, snoring is bi-directionally related to adiposity and cardiometabolic risk markers: A cross-sectional and a prospective cohort analysis](#). Metabolism. 2017 Nov;76:70-80. doi: 10.1016/j.metabol.2017.06.008. Epub 2017 Jun 29. PMID:28774733. PMCID:PMC5733777

## 2018

192. Sen S, Rifas-Shiman SL, Shivappa N, Wirth MD, Hebert JR, Gold DR, Gillman MW, Oken E. [Associations of prenatal and early life dietary inflammatory potential with childhood adiposity and cardiometabolic risk in Project Viva](#). Pediatric Obesity. 2018 May;13(5):292-300. doi: 10.1111/ijpo.12221. Epub 2017 May 10.; PMCID: PMC5681442
193. Tripathi RR, Rifas-Shiman SL, Hawley N, Hivert MF, Oken E. [Hypertensive Disorders of Pregnancy and Offspring Cardiometabolic Health at Midchildhood: Project Viva Findings](#). J Am Heart Assoc. 2018 Jan 30;7(3). pii: e007426. doi: 10.1161/JAHA.117.007426. PMID: 29382664; PMCID:PMC5850245.
194. Wilson JM, Workman L, Schuyler AJ, Rifas-Shiman SL, McGowan EC, Oken E, Gold DR, Hamilton RG, Platts-Mills TAE. [Allergen sensitization in a birth cohort at mid childhood: Focus on food component IgE and IgG\(4\) responses](#). J Allergy Clin Immunol. 2018 Jan;141(1):419-423.e5. doi: 10.1016/j.jaci.2017.07.029. Epub 2017 Sep 1. PMID: 28867458; PMCID: PMC5758413.
195. Fulay AP, Rifas-Shiman SL, Oken E, Perng W. [Associations of the dietary approaches to stop hypertension \(DASH\) diet with pregnancy complications in Project Viva](#). Eur J Clin Nutr. 2018 Oct;72(10):1385-1395. doi: 10.1038/s41430-017-0068-8. Epub 2018 Jan 17. PMID: 29339829; PMCID: PMC6050156.
196. Mora AM, Fleisch AF, Rifas-Shiman SL, Woo Baidal JA, Pardo L, Webster TF, Calafat AM, Ye X, Oken E, Sagiv SK. [Early life exposure to per- and polyfluoroalkyl substances and mid-childhood lipid and alanine aminotransferase levels](#). Environ Int. 2018 Feb;111:1-13. doi: 10.1016/j.envint.2017.11.008. Epub 2017 Nov 20. PMID: 29156323; PMCID: PMC5801004.
197. Wright LS, Rifas-Shiman SL, Oken E, Litonjua AA, Gold DR. [Prenatal and Early Life Fructose, Fructose-Containing Beverages, and Midchildhood Asthma](#). Ann Am Thorac Soc. 2018

Feb;15(2):217-224. doi: 10.1513/AnnalsATS.201707-530OC. PMID: 29219619; PMCID: PMC5802621.

198. Rokoff LB, Rifas-Shiman SL, Coull BA, Cardenas A, Calafat AM, Ye X, Gryparis A, Schwartz J, Sagiv SK, Gold DR, Oken E, Fleisch AF. [Cumulative exposure to environmental pollutants during early pregnancy and reduced fetal growth: the Project Viva cohort.](#) Environ Health. 2018 Feb 20;17(1):19. doi: 10.1186/s12940-018-0363-4. PMID: 29458383; PMCID: PMC5819079.
199. Preston EV, Webster TF, Oken E, Claus Henn B, McClean MD, Rifas-Shiman SL, Pearce EN, Braverman LE, Calafat AM, Ye X, Sagiv SK. [Maternal Plasma per- and Polyfluoroalkyl Substance Concentrations in Early Pregnancy and Maternal and Neonatal Thyroid Function in a Prospective Birth Cohort: Project Viva \(USA\).](#) Environ Health Perspect. 2018 Feb 27;126(2):027013. doi: 10.1289/EHP2534. PMID: 29488882; PMCID: PMC6066354.
200. Trivedi MK, Sharma S, Rifas-Shiman SL, Camargo CA Jr, Weiss ST, Oken E, Gillman MW, Gold DR, DeMeo DL, Litonjua AA. [Folic Acid in Pregnancy and Childhood Asthma: A US Cohort.](#) Clin Pediatr (Phila). 2018 Apr;57(4):421-427. doi: 10.1177/0009922817729482. Epub 2017 Sep 8. PMID: 28884603; PMCID: PMC5823746.
201. Li LJ, Rifas-Shiman SL, Aris IM, Young JG, Mantzoros C, Hivert MF, Oken E. [Associations of maternal and cord blood adipokines with offspring adiposity in Project Viva: is there an interaction with child age?](#) Int J Obes (Lond). 2018 Apr;42(4):608-617. doi: 10.1038/ijo.2017.256. Epub 2017 Oct 13.; PMCID:PMC5899068
202. Sagiv SK, Rifas-Shiman SL, Fleisch AF, Webster TF, Calafat AM, Ye X, Gillman MW, Oken E. [Early-Pregnancy Plasma Concentrations of Perfluoroalkyl Substances and Birth Outcomes in Project Viva: Confounded by Pregnancy Hemodynamics?](#) Am J Epidemiol. 2018 Apr 1;187(4):793-802. doi: 10.1093/aje/kwx332. PMID: 29155920; PMCID: PMC5884712.
203. Rice MB, Rifas-Shiman SL, Litonjua AA, Gillman MW, Liebman N, Kloog I, Luttmann-Gibson H, Coull BA, Schwartz J, Koutrakis P, Oken E, Mittleman MA, Gold DR. [Lifetime air pollution exposure and asthma in a pediatric birth cohort.](#) J Allergy Clin Immunol. 2018 May;141(5):1932-1934.e7. doi: 10.1016/j.jaci.2017.11.062. Epub 2018 Feb 2. PMID: 29410045; PMCID: PMC6095200.
204. Perng W, Rifas-Shiman SL, Hivert MF, Chavarro JE, Oken E. [Branched Chain Amino Acids, Androgen Hormones, and Metabolic Risk Across Early Adolescence: A Prospective Study in Project Viva.](#) Obesity (Silver Spring). 2018 May;26(5):916-926. doi: 10.1002/oby.22164. Epub 2018 Mar 25. PMID: 29575812; PMCID: PMC5916029.
205. Maslova E, Rifas-Shiman SL, Olsen SF, Gillman MW, Oken E. [Prenatal n-3 long-chain fatty acid status and offspring metabolic health in early and mid-childhood: results from Project Viva.](#) Nutr Diabetes. 2018 May 25. doi: 10.1038/s41387-018-0040-2. PMID:29795533; PMCID: PMC5968023
206. Cohen JFW, Rifas-Shiman SL, Young J, Oken E. [Associations of Prenatal and Child Sugar Intake With Child Cognition.](#) Am J Prev Med. 2018 Jun;54(6):727-735. doi: 10.1016/j.amepre.2018.02.020. Epub 2018 Apr 16.; PMCID: PMC5962431.

207. Woo Baidal JA, Elbel EE, Lavine JE, Rifas-Shiman SL, Gillman MW, Oken E, Taveras EM. [Associations of Early to Mid-Childhood Adiposity with Elevated Mid-Childhood Alanine Aminotransferase Levels in the Project Viva Cohort](#). J Pediatr. 2018 Jun;197:121-127.e1. doi: 10.1016/j.jpeds.2018.01.069. Epub 2018 Apr 4.; PMID:PMC5970959
208. Harris MH, Oken E, Rifas-Shiman SL, Calafat AM, Ye X, Bellinger DC, Webster TF, White RF, Sagiv SK. [Prenatal and childhood exposure to per- and polyfluoroalkyl substances \(PFASs\) and child cognition](#). Environ Int. 2018 Jun;115:358-369. doi: 10.1016/j.envint.2018.03.025. Epub 2018 Apr 26. PMID: 29705692; PMID: PMC5970086.
209. Peng C, Cardenas A, Rifas-Shiman SL, Hivert MF, Gold DR, Platts-Mills TA, Lin X, Oken E, Baccarelli AA, Litonjua AA, DeMeo DL. [Epigenome-wide association study of total serum immunoglobulin E in children: a life course approach](#). Clin Epigenetics. 2018 Jul;142(1):139-148.e12. Epub 2018 Apr 18. PMID: 29678750. PMID:PMC5905182
210. Schuyler AJ, Wilson JM, Tripathi A, Commins SP, Ogbogu PU, Kruzewski PG, Barnes BH, McGowan EC, Workman LJ, Lidholm J, Rifas-Shiman SL, Oken E, Gold DR, Platts-Mills TAE, Erwin EA. [Specific IgG\(4\) Antibodies to Cow's Milk Proteins in Pediatric Eosinophilic Esophagitis](#). J Allergy Clin Immunol. 2018 Jul;142(1):139-148.e12. doi: 10.1016/j.jaci.2018.02.049. Epub 2018 Apr 18. PMID: 29678750.
211. Cespedes Feliciano EM, Quante M, Rifas-Shiman SL, Redline S, Oken E, Taveras EM. [Objective Sleep Characteristics and Cardiometabolic Health in Young Adolescents](#). Pediatrics. 2018 Jul;142(1). pii: e20174085. Epub 2018 Jun 15. PMID: 29907703
212. Sordillo JE, Switkowski KM, Coull BA, Schwartz J, Kloog I, Gibson H, Litonjua AA, Bobb J, Koutrakis P, Rifas-Shiman SL, Oken E, Gold DR. [Relation of Prenatal Air Pollutant and Nutritional Exposures with Biomarkers of Allergic Disease in Adolescence](#). Sci Rep. 2018 Jul 12;8(1):10578. PMID: 30002468; PMID: PMC6043562.
213. Aris, I. Fleisch, A., Oken, E. [Developmental origins of disease: Emerging prenatal risk factors and future disease risk](#). Curr Epidemiol Rep. 2018 Sep;5(3):293-302. doi: 10.1007/s40471-018-0161-0. Epub 2018 Jul 13. PMID: 30687591; PMID: PMC6345523.
214. Peng C, den Dekker M, Cardenas A, Rifas-Shiman SL, Gibson H, Agha G, Harris MH, Coull BA, Schwartz J, Litonjua AA, DeMeo DL, Hivert MF, Gilman MW, Sagiv SK, de Kluizenaar Y, Felix JF, Jaddoe VW, Oken E, Duijts L, Gold DR, Baccarelli AA. [Residential proximity to major roadways at birth, DNA methylation at birth and midchildhood and childhood cognitive test scores: Project Viva \(Massachusetts, USA\)](#). Environ Health Perspect. 2018 July 17. PMID: 30226399.
215. Aris IM, Rifas-Shiman SL, Li LJ, Yang S, Belfort MB, Thompson J, Hivert MF, Patel R, Martin RM, Kramer MS, Oken E. [Association of Weight for Length vs Body Mass Index During the First 2 Years of Life With Cardiometabolic Risk in Early Adolescence](#). JAMA Network Open. 2018 Sept 21.
216. Kelly RS, Sordillo JE, Lasky-Su J, Dahlin A, Perng W, Rifas-Shiman SL, Weiss ST, Gold DR, Litonjua AA, Hivert MF, Oken E, Wu AC. [Plasma Metabolite Profiles in Children with Current Asthma](#). Clin

Exp Allergy. 2018 Oct;48(10):1297-1304. doi: 10.1111/cea.13183. Epub 2018 Jul 3. PMID: 29808611; PMCID: PMC6160355.

217. Aris IM, Rifas-Shiman SL, Li LJ, Kleinman K, Coull BA, Gold DR, Hivert MF, Kramer MS, Oken E. [Pre-, Perinatal, and Parental Predictors of Body Mass Index Trajectory Milestones](#). J Pediatr. 2018 Oct;201:69-77.e8. doi: 10.1016/j.jpeds.2018.05.041. Epub 2018 Jun 28. PMID: 29960766; PMCID: PMC6153023.
218. Chiu YH, Williams PL, Gillman MW, Hauser R, Rifas-Shiman SL, Bellavia A, Fleisch AF, Oken E, Chavarro JE. [Maternal intake of pesticide residues from fruits and vegetables in relation to fetal growth](#). Environ Int. 2018 Oct;119:421-428. doi: 10.1016/j.envint.2018.07.014. Epub 2018 Jul 20. PMID: 30029096; PMCID: PMC6169789.
219. Patro Golab B, Santos S, Voerman E, Lawlor DA, Jaddoe VWV, Gaillard R; MOCO Study Group Authors. [Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis](#). Lancet Child Adolesc Health. 2018 Nov;2(11):812-821. doi: 10.1016/S2352-4642(18)30273-6. Epub 2018 Sep 7. PMID: 30201470 PMCID: PMC6196075
220. Gingras V., Rifas-Shima, S., Derks, I., Aris, I. Oken, E., Hivert, MF. [Associations of Gestational Glucose Tolerance with Offspring Body Composition and Estimated Insulin Resistance in Early Adolescence](#). Diabetes Care. 2018 Dec;41(12):e164-e166. doi: 10.2337/dc18-1490. Epub 2018 Oct 16. PMID: 30327360. PMCID: PMC6245205.
221. Gingras V, Rifas-Shiman SL, Taveras EM, Oken E, Hivert MF. [Dietary behaviors throughout childhood are associated with adiposity and estimated insulin resistance in early adolescence: a longitudinal study](#). Int J Behav Nutr Phys Act. 2018 Dec 17;15(1):129. doi: 10.1186/s12966-018-0759-0. PubMed PMID: 30558613
222. Gingras V, Rifas-Shiman SL, Switkowski KM, Oken E, Hivert MF. [Mid-Pregnancy Fructosamine Measurement-Predictive Value for Gestational Diabetes and Association with Postpartum Glycemic Indices](#). Nutrients. 2018 Dec 18;10(12). pii: E2003. doi: 10.3390/nu10122003. PubMed PMID: 30567328
223. Huang JV, Cardenas A, Colicino E, Schooling CM, Rifas-Shiman SL, Agha G, Zheng Y, Hou L, Just AC, Litonjua AA, DeMeo DL, Lin X, Oken E, Hivert MF, Baccarelli AA. [DNA methylation in blood as a mediator of the association of mid-childhood body mass index with cardio-metabolic risk score in early adolescence](#). Epigenetics. 2018;13(10-11):1072-1087. doi: 10.1080/15592294.2018.1543503. Epub 2018 Nov 13. PMID: 30412002. PMCID: PMC6342073.
224. Santos S, Eekhout I, Voerman E, Gaillard R, Barros H, Charles MA, Chatzi L, Chevrier C, Chrousos GP, Corpeleijn E, Costet N, Crozier S, Doyon M, Eggesbø M, Fantini MP, Farchi S, Forastiere F, Gagliardi L, Georgiu V, Godfrey KM, Gori D, Grote V, Hanke W, Hertz-Picciotto I, Heude B, Hivert MF, Hryhorczuk D, Huang RC, Inskip H, Jusko TA, Karvonen AM, Koletzko B, Küpers LK, Lagström H, Lawlor DA, Lehmann I, Lopez-Espinosa MJ, Magnus P, Majewska R, Mäkelä J, Manios Y, McDonald SW, Mommers M, Morgen CS, Moschonis G, Murínová Ľ, Newnham J, Nohr EA, Andersen AN, Oken E, Oostvogels AJJM, Pac A, Papadopoulou E, Pekkanen J, Pizzi C, Polanska K, Porta D, Richiardi L, Rifas-Shiman SL, Roeleveld N, Santa-Marina L, Santos AC, Smit HA, Sørensen

TIA, Standl M, Stanislowski M, Stoltenberg C, Thiering E, Thijs C, Torrent M, Tough SC, Trnovec T, van Gelder MMHJ, van Rossem L, von Berg A, Vrijheid M, Vrijkotte TGM, Zvinchuk O, van Buuren S, Jaddoe VVW. [Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania.](#) BMC Med. 2018 Nov 5;16(1):201. doi: 10.1186/s12916-018-1189-1. PMID: 30396358; PMCID: PMC6217770.

## 2019

225. Kim Y, Blomberg M, Rifas-Shiman SL, Camargo CA Jr, Gold DR, Thyssen JP, Litonjua AA, Oken E, Asgari MM. [Racial/Ethnic Differences in Incidence and Persistence of Childhood Atopic Dermatitis.](#) J Invest Dermatol. 2019 Apr;139(4):827-834. doi: 10.1016/j.jid.2018.10.029. Epub 2018 Nov 8. PMID: 30414911; PMCID: PMC6431568.
226. Quante M, Wang R, Weng J, Kaplan ER, Rueschman M, Taveras EM, Rifas-Shiman SL, Gillman MW, Redline S. [Seasonal and weather variation of sleep and physical activity in 12-14-year-old children.](#) Behav Sleep Med. 2019 Jul-Aug;17(4):398-410. doi: 10.1080/15402002.2017.1376206. Epub 2017 Oct 9. PMID: 28922020; PMCID: PMC6214796.
227. Maslova E, Rifas-Shiman SL, Oken E, Platts-Mills TAE, Gold DR. [Fatty acids in pregnancy and risk of allergic sensitization and respiratory outcomes in childhood.](#) Ann Allergy Asthma Immunol. 2019 Jan;122(1):120-122.e3. doi: 10.1016/j.anai.2018.09.450. Epub 2018 Sep 12. PMID: 30217620; PMCID: PMC6309639.
228. Fleisch AF, Aris IM, Rifas-Shiman SL, Coull BA, Luttmann-Gibson H, Koutrakis P, Schwartz JD, Kloog I, Gold DR, Oken E. [Prenatal Exposure to Traffic Pollution and Childhood Body Mass Index Trajectory.](#) Front Endocrinol (Lausanne). 2019 Jan 7;9:771. doi: 10.3389/fendo.2018.00771. PMID:30666232; PMCID: PMC6330299.
229. Turturice BA, Gold DR, Litonjua AA, Oken E, Rifas-Shiman S, Perkins DL, Finn PW. [Lower perinatal exposure to Proteobacteria is an independent predictor of early childhood wheezing.](#) J Allergy Clin Immunol. 2019 Jan;143(1):419-421.e5. doi: 10.1016/j.jaci.2018.06.051. Epub 2018 Sep 8. PMID: 30205188; PMCID: PMC6538256.
230. Derks IPM, Hivert MF, Rifas-Shiman SL, Gingras V, Young JG, Jansen PW, Oken E. [Associations of prenatal exposure to impaired glucose tolerance with eating in the absence of hunger in early adolescence.](#) Int J Obse (London). 2019 Jan 8. doi: 10.1038/s41366-018-0296-6. PMID:30622313; PMCID: PMC6614016.
231. Ling-Jun, L., Rifas-Shiman, S., Aris, I., Mantzoros, C., Hivert, MF., Oken, E. [Leptin trajectories from birth to mid-childhood and cardio-metabolic health in early adolescence.](#) Metabolism. 2019 Feb;91:30-38. doi: 10.1016/j.metabol.2018.11.003. Epub 2018 Nov 7. PMID: 30412696 PMCID: PMC6366620
232. Aris IM, Rifas-Shiman SL, Li LJ, Kleinman KP, Coull BA, Gold DR, Hivert MF, Kramer MS, Oken E. [Patterns of body mass index milestones in early life and cardiometabolic risk in early adolescence.](#) Int J Epidemiol. 2019 Feb 1;48(1):157-167. doi: 10.1093/ije/dyy286. PMID:30624710; PMCID: PMC6380298.

233. Middeldorp CM, Felix JF, Mahajan A; EARly Genetics Lifecourse Epidemiology (EAGLE) consortium; Early Growth Genetics (EGG) consortium, McCarthy MI. [The Early Growth Genetics \(EGG\) and EARly Genetics and Lifecourse Epidemiology \(EAGLE\) consortia: design, results and future prospects](#). Eur J Epidemiol. 2019 Mar;34(3):279-300. doi: 10.1007/s10654-019-00502-9. Epub 2019 Mar 18. PMID: 30887376; PMCID: PMC6447695.
234. Faleschini S, Rifas-Shiman SL, Tiemeier H, Oken E, Hivert MF. [Associations of Prenatal and Postnatal Maternal Depressive Symptoms with Offspring Cognition and Behavior in Mid-Childhood: A Prospective Cohort Study](#). Int J Environ Res Public Health. 2019 Mar 20;16(6). pii: E1007. doi: 10.3390/ijerph16061007. PMID: 30897718 ; PMCID: PMC6466510.
235. Cardenas A, Faleschini S, Cortes Hidalgo A, Rifas-Shiman SL, Baccarelli AA, DeMeo DL, Litonjua AA, Neumann A, Felix JF, Jaddoe VWV, El Marroun H, Tiemeier H, Oken E, Hivert MF, Burris HH. [Prenatal maternal antidepressants, anxiety, and depression and offspring DNA methylation: epigenome-wide associations at birth and persistence into early childhood](#). Clin Epigenetics. 2019 Mar 29;11(1):56. doi: 10.1186/s13148-019-0653-x. PMID: 30925934 ; PMCID: PMC6441191.
236. den Dekker HT, Burrows K, Felix JF, Salas LA, Nedeljkovic I, Yao J, Rifas-Shiman SL, Ruiz-Arenas C, Amin N, Bustamante M, DeMeo DL, Henderson AJ, Howe CG, Hivert MF, Ikram MA, de Jongste JC, Lahousse L, Mandaviya PR, van Meurs JB, Pinart M, Sharp GC, Stolk L, Uitterlinden AG, Anto JM, Litonjua AA, Breton CV, Brusselle GG, Sunyer J, Smith GD, Relton CL, Jaddoe VWV, Duijts L [Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course](#). Eur Respir J. 2019 Apr 4;53(4). pii: 1801795. doi: 10.1183/13993003.01795-2018. PMID:30765504.
237. Rokoff LB, Rifas-Shiman SL, Switkowski KM, Young JG, Rosen CJ, Oken E, Fleisch AF. [Body composition and bone mineral density in childhood](#). Bone. 2019 Apr;121:9-15. doi: 10.1016/j.bone.2018.12.009. Epub 2018 Dec 15. PubMed PMID: 30557635
238. Woo Baidal JA, Cheng ER, Rifas-Shiman SL, Oken E, Gillman MW, Taveras EM. [Association of vitamin E intake at early childhood with alanine aminotransferase levels at mid-childhood](#). Hepatology. 2019 Apr;57(4):421-427. doi: 10.1002/hep.29629. Epub 2018 Mar 1. PMID: 29119610; PMCID: PMC5867213.
239. Switkowski KM, Jacques PF, Must A, Fleisch A, Oken E. [Associations of protein intake in early childhood with body composition, height, and insulin-like growth factor I in mid-childhood and early adolescence](#). Am J Clin Nutr. 2019 Apr 1;109(4):1154-1163. doi: 10.1093/ajcn/nqy354. PMID: 30869114; PMCID: PMC6462426.
240. Küpers LK, Monnereau C, Sharp GC, Yousefi P, Salas LA, Ghantous A, Page CM, Reese SE, Wilcox AJ, Czamara D, Starling AP, Novoloaca A, Lent S, Roy R, Hoyo C, Breton CV, Allard C, Just AC, Bakulski KM, Holloway JW, Everson TM, Xu CJ, Huang RC, van der Plaats DA, Wielscher M, Merid SK, Ullemer V, Rezwan FI, Lahti J, van Dongen J, Langie SAS, Richardson TG, Magnus MC, Nohr EA, Xu Z, Duijts L, Zhao S, Zhang W, Plusquin M, DeMeo DL, Solomon O, Heimovaara JH, Jima DD, Gao L, Bustamante M, Perron P, Wright RO, Hertz-Picciotto I, Zhang H, Karagas MR Gehring U, Marsit CJ, Beilin LJ Vonk JM, Jarvelin MR, Bergström A, Örtqvist AK, Ewart S, Villa PM, Moore SE,

Willemsen G, Standaert ARL, Håberg SE, Sørensen TIA, Taylor JA, Räikkönen K, Yang IV, Kechris K, Nawrot TS, Silver MJ, Gong YY, Richiardi L, Kogevinas M, Litonjua AA, Eskenazi B, Huen K, Mbarek H, Maguire RL, Dwyer T, Vrijheid M, Bouchard , Baccarelli AA, Croen LA, Karmaus W, Anderson D, de Vries M, Sebert S, Kere J, Karlsson R, Arshad SH, Hämäläinen E, Routledge MN, Boomsma DI, Feinberg AP, Newschaffer CJ, Govarts E, Moisse M, Fallin MD, Melén E, Prentice AM, Kajantie E, Almqvist C, Oken E, Dabelea D, Boezen HM, Melton PE, Wright RJ, Koppelman GH, Trevisi L, Hivert MF, Sunyer J, Munthe-Kaas MC, Murphy SK, Corpeleijn E, Wiemels J, Holland N, Herceg Z, Binder EB, Davey Smith G, Jaddoe VWV, Lie RT, Nystad W, London SJ, Lawlor DA, Relton CL, Snieder H, Felix JF. [Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight.](#) Nat Commun. 2019 Apr 23;10(1):1893. doi: 10.1038/s41467-019-09671-3. PMID:31015461; PMCID: PMC6478731.

241. Switkowski KM, Camargo CA, Perron P, Rifas-Shiman SL, Oken E, Hivert MF. [Cord blood vitamin D status is associated with cord blood insulin and c-peptide in two cohorts of mother-newborn pairs.](#) J Clin Endocrinol Metab. 2019 Apr 24;104(9):3785–94. doi: 10.1210/jc.2018-02550. PMID: 31127822; PMCID: PMC6656419.
242. Monthe-Dreze, C., Rifas-Shiman, S., Gold, D., Oken, E., Sen, S. [Maternal obesity and offspring cognition: the role of inflammation.](#) Pediatr Res. 2019 May;85(6):904. doi: 10.1038/s41390-019-0375-y. PMID: 30903014; PMCID: PMC6556426.
243. Hahn J, Gold DR, Coull BA, McCormick MC, Finn PW, Perkins DL, Rich-Edwards JW, Rifas-Shiman SL, Oken E, Kubzansky LD. [Prenatal Maternal Depression and Neonatal Immune Responses.](#) Psychosom Med. 2019 May;81(4):320-327. doi: 10.1097/PSY.0000000000000686. PMID: 31048634; PMCID: PMC6501810.
244. LifeCycle Project-Maternal Obesity and Childhood Outcomes Study Group, Voerman E, Santos S, Inskip H, Amiano P, Barros H, Charles MA, Chatzi L, Chrousos GP, Corpeleijn E, Crozier S, Doyon M, Eggesbø M, Fantini MP, Farchi S, Forastiere F, Georgiu V, Gori D, Hanke W, Hertz-Picciotto I, Heude B, Hivert MF, Hryhorczuk D, Iñiguez C, Karvonen AM, Küpers LK, Lagström H, Lawlor DA, Lehmann I, Magnus P, Majewska R, Mäkelä J, Manios Y, Mommers M, Morgen CS, Moschonis G, Nohr EA, Nybo Andersen AM, Oken E, Pac A, Papadopoulou E, Pekkanen J, Pizzi C, Polanska K, Porta D, Richiardi L, Rifas-Shiman SL, Roeleveld N, Ronfani L, Santos AC, Standl M, Stigum H, Stoltenberg C, Thiering E, Thijs C, Torrent M, Trnovec T, van Gelder MMHJ, van Rossem L, von Berg A, Vrijheid M, Wijga A, Zvinchuk O, Sørensen TIA, Godfrey K, Jaddoe VWV, Gaillard R. [Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes.](#) JAMA. 2019 May 7;321(17):1702-1715. doi: 10.1001/jama.2019.3820. PMID: 31063572; PMCID: PMC6506886.
245. Peng C, Van Meel ER, Cardenas A, Rifas-Shiman SL, Sonawane AR, Glass KR, Gold DR, Platts-Mills TA, Lin X, Oken E, Hivert MF, Baccarelli AA, De Jong NW, Felix JF, Jaddoe VW, Duijts L, Litonjua AA, DeMeo DL. [Epigenome-wide association study reveals methylation pathways associated with childhood allergic sensitization.](#) Epigenetics. 2019 May 14;14(5):445-466. doi: 10.1080/15592294.2019.1590085. Epub 2019 Mar 28. PMID: 30876376; PMCID: PMC6557548.

246. Peng C, Cardenas A, Rifas-Shiman SL, Hivert MF, Gold DR, Platts-Mills TA, Lin X, Oken E, Avila L, Celedon JC, Weiss ST, Baccarelli AA, Litonjua AA, DeMeo DL. [Epigenetic age acceleration is associated with allergy and asthma in children in Project Viva](#). *J Allergy Clin Immunol*. 2019 Jun;143(6):2263-2270.e14. doi: 10.1016/j.jaci.2019.01.034. PMID: 30738172; PMCID: PMC6556426.
247. Aris IM, Kleinman KP, Belfort MB, Kaimal A, Oken E. [A 2017 US Reference for Singleton Birth Weight Percentiles Using Obstetric Estimates of Gestation](#). *Pediatrics*. 2019 Jul;144(1):e20190076. doi: 10.1542/peds.2019-0076. Epub 2019 Jun 14. PMID: 31201230; PMCID: PMC6615520
248. Tian FY, Rifas-Shiman SL, Cardenas A, Baccarelli AA, DeMeo DL, Litonjua AA, Rich-Edwards JW, Gillman MW, Oken E, Hivert MF. [Maternal corticotropin-releasing hormone is associated with LEP DNA methylation at birth and in childhood: an epigenome-wide study in Project Viva](#). *Int J Obes (Lond)*. 2019 Jun;43(6):1244-1255. doi: 10.1038/s41366-018-0249-0. Epub 2018 Nov 21. PMID: 30464231. PMCID: PMC6529291.
249. Harris MH, Gold DR, Rifas-Shiman SL, Melly SL, Zanobetti A, Coull BA, Schwartz JD, Gryparis A, Kloog I, Koutrakis P, Bellinger DC, White RF, Sagiv SK, Oken E. [Erratum: Prenatal and Childhood Traffic-Related Pollution Exposure and Childhood Cognition in the Project Viva Cohort \(Massachusetts, USA\)](#). *Environ Health Perspect*. 2019 Jun;127(6):69001. doi: 10.1289/EHP5476. Epub 2019 Jun 10. PMID: 31180240.
250. Santos S, Voerman E, Amiano P, Barros H, Beilin LJ, Bergström A, Charles MA, Chatzi L, Chevrier C, Chrousos GP, Corpeleijn E, Costa O, Costet N, Crozier S, Devereux G, Doyon M, Eggesbø M, Fantini MP, Farchi S, Forastiere F, Georgiu V, Godfrey KM, Gori D, Grote V, Hanke W, Hertz-Picciotto I, Heude B, Hivert MF, Hryhorczuk D, Huang RC, Inskip H, Karvonen AM, Kenny LC, Koletzko B, Küpers LK, Lagström H, Lehmann I, Magnus P, Majewska R, Mäkelä J, Manios Y, McAuliffe FM, McDonald SW, Mehegan J, Melén E, Mommers M, Morgen CS, Moschonis G, Murray D, Ní Chaoimh C, Nohr EA, Nybo Andersen AM, Oken E, Oostvogels A, Pac A, Papadopoulou E, Pekkanen J, Pizzi C, Polanska K, Porta D, Richiardi L, Rifas-Shiman SL, Roeleveld N, Ronfani L, Santos AC, Standl M, Stigum H, Stoltenberg C, Thiering E, Thijs C, Torrent M, Tough SC, Trnovec T, Turner S, van Gelder M, van Rossem L, von Berg A, Vrijheid M, Vrijkotte T, West J, Wijga AH, Wright J, Zvinchuk O, Sørensen T, Lawlor DA, Gaillard R, Jaddoe V. [Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data meta-analysis of European, North American, and Australian cohorts](#). *BJOG*. 2019 Jul;126(8):984-995. doi: 10.1111/1471-0528.15661. Epub 2019 Mar 20. PMID:30786138; PMCID: PMC6554069.
251. Thomas DM, Oken E, Rifas-Shiman SL, Tellez-Rojo M, Just A, Svensson K, Deierlein AL, Chandler-Laney PC, Miller RC, McNamara C, Phelan S, Yoshitani S, Butte NF, Redman LM. [Do Women Know Their Prepregnancy Weight?](#) *Obesity (Silver Spring)*. 2019 Jul;27(7):1161-1167. doi: 10.1002/oby.22502. Epub 2019 May 31. PMID: 31149770.
252. Cardenas A, Sordillo JE, Rifas-Shiman SL, Chung W, Liang L, Coull BA, Hivert MF, Lai PS, Forno E, Celedon JC, Litonjua AA, Brennan KJ, DeMeo DL, Baccarelli AA, Oken E, Gold DR. [The nasal](#)

- [methylome as a biomarker of asthma and airway inflammation in children](#). Nat Commun. 2019 Jul 12;10(1):3095. doi: 10.1038/s41467-019-11058-3. PMID: 31300640; PMCID: PMC6625976.
253. Perng W, Rifas-Shiman SL, Hivert MF, Chavarro JE, Sordillo J, Oken E. [Metabolic trajectories across early adolescence: differences by sex, weight, pubertal status and race/ethnicity](#). Ann Hum Biol. 2019 May;46(3):205-214. doi: 10.1080/03014460.2019.1638967. 2019 Jul 15. PMID: 31264447; PMCID: PMC6960375.
254. Quante M, Cespedes Feliciano EM, Rifas-Shiman SL, Mariani S, Kaplan ER, Rueschman M, Oken E, Taveras EM, Redline S. [Association of Daily Rest-Activity Patterns with Adiposity and Cardiometabolic Risk Measures in Teens](#). J Adolesc Health. 2019 Aug;65(2):224-231. doi: 10.1016/j.jadohealth.2019.02.008. Epub 2019 May 2. PMID: 31056236; PMCID: PMC6650322.
255. Kazmi N, Sharp GC, Reese SE, Vehmeijer FO, Lahti J, Page CM, Zhang W, Rifas-Shiman SL, Rezwan FI, Simpkin AJ, Burrows K, Richardson TG, Santos Ferreira DL, Fraser A, Harmon QE, Zhao S, Jaddoe VVW, Czamara D, Binder EB, Magnus MC, Håberg SE, Nystad W, Nohr EA, Starling AP, Kechris KJ, Yang IV, DeMeo DL, Litonjua AA, Baccarelli A, Oken E, Holloway JW1, Karmaus W, Arshad SH, Dabelea D, Sørensen TIA, Laivuori H, Raikkonen K, Felix JF, London SJ, Hivert MF, Gaunt TR, Lawlor DA, Relton CL. [Hypertensive disorders of pregnancy and DNA methylation in newborns](#). Hypertension. 2019 Aug;74(2):375-383. doi: 10.1161/HYPERTENSIONAHA.119.12634. Epub 2019 Jun 24. PMID: 31230546. PMCID: PMC6635125.
256. Cluett R, Seshasayee SM, Rokoff LB, Rifas-Shiman SL, Ye X, Calafat AM, Gold DR, Coull B, Gordon CM, Rosen CJ, Oken E, Sagiv SK, Fleisch AF. [Per- and Polyfluoroalkyl Substance Plasma Concentrations and Bone Mineral Density in Midchildhood: A Cross-Sectional Study \(Project Viva, United States\)](#). Environ Health Perspect. 2019 Aug;127(8):87006. doi: 10.1289/EHP4918. Epub 2019 Aug 21. PMID: 31433236.
257. Sordillo JE, Rifas-Shiman SL, Switkowski K, Coull B, Gibson H, Rice M, Platts-Mills TAE, Kloog I, Litonjua AA, Gold DR, Oken E. [Prenatal oxidative balance and risk of asthma and allergic disease in adolescence](#). J Allergy Clin Immunol. 2019 Dec;144(6):1534-1541.e5. doi: 10.1016/j.jaci.2019.07.044. 2019 Aug 19. PMID: 31437488; PMCID: PMC6900442.
258. Consortium on Thyroid and Pregnancy—Study Group on Preterm Birth, Korevaar TIM, Derakhshan A, Taylor PN, Meima M, Chen L, Bliddal S, Carty DM, Meems M, Vaidya B, Shields B, Ghafoor F, Popova PV, Mosso L, Oken E, Suvanto E, Hisada A, Yoshinaga J, Brown SJ, Bassols J, Auvinen J, Bramer WM, López-Bermejo A, Dayan C, Boucai L, Vafeiadi M, Grineva EN, Tkachuck AS, Pop VJM, Vrijkotte TG, Guxens M, Chatzi L, Sunyer J, Jiménez-Zabala A, Riaño I, Murcia M, Lu X, Mukhtar S, Delles C, Feldt-Rasmussen U, Nelson SM, Alexander EK, Chaker L, Männistö T, Walsh JP, Pearce EN, Steegers EAP, Peeters RP. [Association of thyroid function test abnormalities and thyroid autoimmunity with preterm birth: A systematic review and meta-analysis](#). JAMA. 2019 Aug 20;322(7):632-641. doi: 10.1001/jama.2019.10931. PMID: 31429897. PMCID: PMC6704759.
259. Aris IM, Rifas-Shiman SL, Li LJ, Belfort MB, Hivert MF, Oken E. [Early-Life Predictors of Systolic Blood Pressure Trajectories From Infancy to Adolescence: Findings From Project Viva](#). Am J

- Epidemiol. 2019 Nov 1;188(11):1913-1922. doi: 10.1093/aje/kwz181. PMID: 31497850; PMCID: PMC6825838.
260. Laubach ZM, Perng W, Cardenas A, Rifas-Shiman SL, Oken E, DeMeo D, Litonjua AA, Duca RC, Godderis L, Baccarelli A, Hivert MF. [Socioeconomic status and DNA methylation from birth through mid-childhood: a prospective study in Project Viva](#). Epigenomics. 2019 Sep;11(12):1413-1427. doi: 10.2217/epi-2019-0040. 2019 Sep 11. PMID: 31509016; PMCID: PMC6802709.
261. Cespedes Feliciano EM, Rifas-Shiman SL, Quante M, Redline S, Oken E, Taveras EM. [Chronotype, Social Jet Lag, and Cardiometabolic Risk Factors in Early Adolescence](#). JAMA Pediatr. 2019 Nov 1;173(11):1049-1057. doi: 10.1001/jamapediatrics.2019.3089. PMID: 31524936; PMCID: PMC6749538.
262. Aris IM, Rifas-Shiman SL, Zhang X, Yang S, Switkowski K, Fleisch AF, Hivert MF, Martin RM, Kramer MS, Oken E. [Association of BMI with linear growth and pubertal development](#). Obesity (Silver Spring). 2019 Oct;27(10):1661-1670. doi: 10.1002/oby.22592. Epub 2019 Sep 3. PMID: 31479205 PMCID: PMC6756952.
263. Ghassabian A, Pierotti L, Basterrechea M, Chatzi L, Estarlich M, Fernández-Somoano A, Fleisch AF, Gold DR, Julvez J, Karakosta P, Lertxundi A, Lopez-Espinosa MJ, Mulder TA, Korevaar TIM, Oken E, Peeters RP, Rifas-Shiman S, Stephanou E, Tardón A, Tiemeier H, Vrijheid M, Vrijkotte TGM, Sunyer J, Guxens M. [Association of Exposure to Ambient Air Pollution With Thyroid Function During Pregnancy](#). JAMA Netw Open. 2019 Oct 2;2(10):e1912902. doi: 10.1001/jamanetworkopen.2019.12902. PMID: 31617922.
264. Switkowski KM, Jacques PF, Must A, Fleisch A, Oken E. [Reply to MF Rolland-Cachera and KF Michaelsen](#). Am J Clin Nutr. 2019 Nov 1;110(5):1261-1262. doi: 10.1093/ajcn/nqz194. PMID: 31667516.
265. Faleschini S, Millar L, Rifas-Shiman SL, Skouteris H, Hivert MF, Oken E. [Women's perceived social support: associations with postpartum weight retention, health behaviors and depressive symptoms](#). BMC Womens Health. 2019 Nov 21;19(1):143. doi: 10.1186/s12905-019-0839-6. PMID: 31752823. PMCID: PMC6873672.
266. Gingras V, Aris IM, Rifas-Shiman SL, Switkowski KM, Oken E, Hivert MF. [Timing of Complementary Feeding Introduction and Adiposity Throughout Childhood](#). Pediatrics. 2019 Dec;144(6). pii: e20191320. doi: 10.1542/peds.2019-1320. PMID: 31757860.
267. Aris IM, Rifas-Shiman SL, Li LJ, Fleisch AF, Hivert MF, Kramer MS, Oken E. [Parental Obesity and Offspring Pubertal Development: Project Viva](#). J Pediatr. 2019 Dec;215:123-131.e2. doi: 10.1016/j.jpeds.2019.08.029. Epub 2019 Oct 8. PMID: 31604633. PMCID: PMC6878167.
268. Fruh V, Rifas-Shiman SL, Amarasiriwardena C, Cardenas A, Bellinger DC, Wise LA, White RF, Wright RO, Oken E, Claus Henn B. [Prenatal lead exposure and childhood executive function and behavioral difficulties in project viva](#). Neurotoxicology. 2019 Dec;75:105-115. doi: 10.1016/j.neuro.2019.09.006. Epub 2019 Sep 9. PMID: 31513824. PMCID: PMC6842061.
269. Noor N, Cardenas A, Rifas-Shiman SL, Pan H, Dreyfuss JM, Oken E, Hivert MF, James-Todd T, Patti ME, Isganaitis E. [Association of Periconception Paternal Body Mass Index With Persistent](#)

[Changes in DNA Methylation of Offspring in Childhood](#). JAMA Netw Open. 2019 Dec 2;2(12):e1916777. doi: 10.1001/jamanetworkopen.2019.16777. PMID: 31880793.

2020

270. Coulson E, Rifas-Shiman SL, Sordillo J, Bunyavanich S, Camargo CA Jr, Platts-Mills TAE, Coull BA, Luttmann-Gibson H, Oken E, Gold DR, Rice MB. [Racial, ethnic, and socioeconomic differences in adolescent food allergy](#). J Allergy Clin Immunol Pract. 2020 Jan;8(1):336-338.e3. doi: 10.1016/j.jaip.2019.06.006. 2019 Jun 22. PMID: 31233938; PMCID: PMC7083174.
271. Tylavsky FA, Ferrara A, Catellier DJ, Oken E, Li X, Law A, Dabelea D, Rundle A, Gilbert-Diamond D, Hivert MF, Breton CV, Cassidy-Bushrow AE, Mueller NT, Hunt KJ, Arteaga SS, Lombo T, Mahabir S, Ruden D, Sauder K, Hedderson MM, Zhu Y, Polk S, Mihalopoulos NL, Vos M, Pyles L, Roary M, Aschner J, Karagas MR, Trasande L. [Understanding childhood obesity in the US: the NIH environmental influences on child health outcomes \(ECHO\) program](#). Int J Obes (Lond). 2020 Mar;44(3):617-627. doi: 10.1038/s41366-019-0470-5. Epub 2019 Oct 24. PMID: 31649277; PMCID: PMC7060502.
272. Rifas-Shiman SL, Cardenas A, Hivert MF, Tiemeier H, Bertoldi AD, Oken E. [Associations of prenatal or infant exposure to acetaminophen or ibuprofen with mid-childhood executive function and behaviour](#). Paediatr Perinat Epidemiol. 2020 May;34(3):287-298. doi: 10.1111/ppe.12596. 2019 Oct 21. PMID: 31637744; PMCID: PMC7170759.
273. Hanson C, Rifas-Shiman SL, Shivappa N, Wirth MD, Hebert JR, Gold D, Camargo CA Jr, Sen S, Sordillo JE, Oken E, Litonjua AA. [Associations of Prenatal Dietary Inflammatory Potential with Childhood Respiratory Outcomes in Project Viva](#). J Allergy Clin Immunol Pract. 2020 Mar;8(3):945-952.e4. doi: 10.1016/j.jaip.2019.10.010. 2019 Oct 31. PMID: 31678301; PMCID: PMC7064380.
274. Petimar J, Rifas-Shiman SL, Hivert MF, Fleisch AF, Tiemeier H, Oken E. [Childhood hair cortisol concentration and early teen cardiometabolic outcomes](#). Pediatr Obes. 2020 Mar;15(3):e12592. doi: 10.1111/ijpo.12592. 2019 Nov 5. PMID: 31689001; PMCID: PMC7012732.
275. Sordillo JE, Coull BA, Rifas-Shiman SL, Wu AC, Lutz SM, Hivert MF, Oken E, Gold DR. [Characterization of longitudinal wheeze phenotypes from infancy to adolescence in Project Viva, a prebirth cohort study](#). J Allergy Clin Immunol. 2020 Feb;145(2):716-719.e8. doi: 10.1016/j.jaci.2019.10.026. Epub 2019 Nov 6. PMID: 31705908; PMCID: PMC7010553.
276. Flashner BM, Rifas-Shiman SL, Oken E, Camargo CA, Platts-Mills TJ, Workman L, Litonjua AA, Gold DR, Rice MB. [Obesity, sedentary lifestyle, and exhaled nitric oxide in an early adolescent cohort](#). Pediatr Pulmonol. 2020 Feb;55(2):503-509. doi: 10.1002/ppul.24597. 2019 Dec 5. PMID: 31805224; PMCID: PMC6980304.
277. Perng W, Rifas-Shiman SL, Sordillo J, Hivert MF, Oken E. [Metabolomic Profiles of Overweight/Obesity Phenotypes During Adolescence: A Cross-Sectional Study in Project Viva](#).

- Obesity (Silver Spring). 2020 Feb;28(2):379-387. doi: 10.1002/oby.22694. 2019 Dec 26. PMID: 31876390; PMCID: PMC6980913.
278. Bernard JY, Rifas-Shiman SL, Cohen E, Lioret S, de Lauzon-Guillain B, Charles MA, Kramer MS, Oken E. [Maternal religion and breastfeeding intention and practice in the US Project Viva cohort](#). Birth. 2020 Jun;47(2):191-201. doi: 10.1111/birt.12477. 2019 Dec 28. PMID: 31884716; PMCID: PMC7245542.
279. Lain SJ, Rifas-Shiman SL, Pearce EN, Nassar N, Oken E. [Neonatal Thyroxine, Maternal Thyroid Function, and Cognition in Mid-childhood in a US Cohort](#). Matern Child Health J. 2020 Apr;24(4):503-513. doi: 10.1007/s10995-019-02867-5. PMID: 31897929; PMCID: PMC7083173.
280. Howe CG, Cox B, Fore R, Jungius J, Kvist T, Lent S, Miles HE, Salas LA, Rifas-Shiman S, Starling AP, Yousefi P, Ladd-Acosta C, Baccarelli A, Binder EB, Chatzi VL, Czamara D, Dabelea D, DeMeo DL, Ghantous A, Herceg Z, Kajantie E, Lahti JMT, Lawlor DA, Litonjua A, Nawrot TS, Nohr EA, Oken E, Pizzi C, Plusquin M, Räikkönen K, Relton CL, Sharp GC, Sørensen TIA, Sunyer J, Vrijheid M, Zhang W, Hivert M-F, Breton CV. [Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium](#). Diabetes Care. 2020 Jan;43(1):98-105. doi.org/10.2337/dc19-0524. Epub 2019 Oct 10. PMID: 31601636 PMCID: PMC6925578
281. Bertoldi AD, Rifas-Shiman SL, Boing AC, da Silva Dal Pizzol T, Miranda VIA, Silveira MPT, Freitas Silveira M, Domingues MR, Santos IS, Bassani DG, Tovo-Rodrigues L, Oken E. [Associations of acetaminophen use during pregnancy and the first year of life with neurodevelopment in early childhood](#). Paediatr Perinat Epidemiol. 2020 May;34(3):267-277. doi: 10.1111/ppe.12632. 2020 Jan 22. PMID: 31965601; PMCID: PMC7192774.
282. Petimar J, Rifas-Shiman SL, Hivert MF, Fleisch AF, Tiemeier H, Oken E. [Prenatal and childhood predictors of hair cortisol concentration in mid-childhood and early adolescence](#). PLoS One. 2020 Feb 4. doi: 10.1371/journal.pone.0228769. eCollection 2020. PMID: 32017807. PMCID: PMC6999889
283. Chiu Y-H, Rifas-Shiman SL, Kleinman K, Oken E, Young JG. [Effects of intergenerational exposure interventions on adolescent outcomes: An application of inverse probability weighting to longitudinal pre-birth cohort data](#). Paediatr Perinat Epidemiol. 2020 May; 34(3): 366–375. doi.org/10.1111/ppe.12646. Epub 2020 Mar 12. PMID: 32162715 PMCID: PMC7371449
284. Switkowski KM, Gingras V, Rifas-Shiman SL, Oken E. [Patterns of Complementary Feeding Behaviors Predict Diet Quality in Early Childhood](#). Nutrients. 2020 Mar 19. doi: 10.3390/nu12030810. PMID: 32204442.
285. Huang L, Aris IM, Teo LLY, Wong TY, Chen W-Q, Koh AS, Li L-J. [Exploring Associations Between Cardiac Structure and Retinal Vascular Geometry](#). J Am Heart Assoc. 2020 Apr 7;9(7):e014654. doi.org/10.1161/JAHA.119.014654. Epub 2020 Apr 4. PMID: 32248764 PMCID: PMC7428628
286. Gold DR, Sordillo JE, Coull BA. [Lung Function Tracking throughout Childhood: Growth Trajectories May Not Be Set in Stone](#). J Allergy Clin Immunol Pract. 2020 Apr;8(4):1272-1274. doi.org/10.1016/j.jaip.2020.01.043. PMID: 32276692

287. Preston EV, Webster TF, Claus Henn B, McClean MD, Gennings C, Oken E, Rifas-Shiman SL, Pearce EN, Calafat AM, Fleisch AF, Sagiv SK. [Prenatal Exposure to Per- And Polyfluoroalkyl Substances and Maternal and Neonatal Thyroid Function in the Project Viva Cohort: A Mixtures Approach](#). Environ Int. 2020 Apr 17. doi: 10.1016/j.envint.2020.105728. Online ahead of print. PMID: 32311629.
288. Gallagher D, Andres A, Fields DA, Evans WJ, Kuczmarski R, Lowe WL, Lumeng JC, Oken E, Shepherd JA, Sun S, Heymsfield SB. [Body Composition Measurements from Birth through 5 Years: Challenges, Gaps, and Existing & Emerging Technologies-A National Institutes of Health workshop](#). Obes Rev. 2020 Aug;21(8):e13033. doi.org/10.1111/obr.13033 Epub 2020 Apr 20. PMID: 32314544 PMCID: PMC7875319
289. Powell CA, Rifas-Shiman SL, Oken E, Krieger N, Rich-Edwards JW, Redline S, Taveras EM. [Maternal Experiences of Racial Discrimination and Offspring Sleep in the First 2 Years of Life: Project Viva Cohort, Massachusetts, USA \(1999-2002\)](#). Sleep Health. 2020 Apr 21;S2352-7218(20)30067-X. doi: 10.1016/j.sleh.2020.02.002. Online ahead of print. PMID: 32331867.
290. Soria-Contreras DC, Rifas-Shiman SL, Aris IM, Perng W, Switkowski KM, Téllez-Rojo MM, Trejo-Valdivia B, López-Ridaura R, Oken E. [Weight Trajectories After Delivery Are Associated With Adiposity and Cardiometabolic Markers at 3 Years Postpartum Among Women in Project Viva](#). J Nutr. 2020 Apr 22;nxaa104. doi: 10.1093/jn/nxaa104. Online ahead of print. PMID: 32321175.
291. Kumar R, Ferrie R, Balmert L, Kienzl M, Rifas-Shiman SL, Gold DR, Sordillo JE, Kleinman K, Camargo CA Jr, Litonjua AA, Oken E, Cook-Mills J. [Associations of alpha and gamma-tocopherol during early life with lung function in childhood](#). J Allergy Clin Immunol. 2020 Apr 25;S0091-6749(20)30567-4. doi: 10.1016/j.jaci.2020.04.019. Online ahead of print. PMID: 32344059.
292. Cardenas A, Rifas-Shiman SL, Sordillo JE, DeMeo DL, Baccarelli AA, Hivert M-F, Gold DR, Oken E. [DNA Methylation Architecture of the ACE2 gene in Nasal Cells](#). medRxiv. 2020 Dec;146(6):1349-1357.e3. doi.org/10.1101/2020.08.25.20182105. Epub 2020 Apr 25. PMID: 32995808 PMCID: PMC7523147
293. Jiminez MP, Oken E, Gold DR, Luttmann-Gibson H, Requia W, Rifas-Shiman SL, Gingras V, Hivert M-F, Rimm EB, James P. [Early Life Exposure to Green Space and Insulin Resistance: An Assessment from Infancy to Early Adolescence](#). Environ Int. 2020 Sep;142:105849. doi.org/10.1016/j.envint.2020.105849. Epub 2020 Jun 24. PMID: 32593049 PMCID: PMC7784302
294. Perng W, Rahman M, Aris IM, Michelotti G, Sordillo JE, Chavarro JE, Oken E, Hivert M-F. [Metabolite profiles of the relationship between body mass index \(BMI\) milestones and metabolic risk during early adolescence](#). Metabolites. 2020 Jul 31;10(8):316. doi.org/10.3390/metabo10080316. PMID: 32751947 PMCID: PMC7464362
295. Preston EV, Rifas-Shiman SL, Hivert M-F, Zota AR, Sagiv SK, Calafat AM, Oken E, James-Todd T. [Associations of per- and polyfluoroalkyl substances \(PFAS\) with glucose tolerance during pregnancy in Project Viva](#). J. Clin. Endocrinol. Metab. 2020 Aug 1;105(8):e2864-e2876. doi.org/10.1210/clinem/dgaa328. PMID: 32480407 PMCID: PMC7320827

296. Mitro S, Sagiv SK, Fleisch AF, Jaacks L, Williams P, Rifas-Shiman SL, Calafat AM, Hivert M-F, Oken E, James-Todd T. [Pregnancy Per- and Polyfluoroalkyl Substance Concentrations and Postpartum Health in Project Viva: A Prospective Cohort](#). J Clin Endo & Met. 2020 Sep 1;105(9):e3415-e3426. doi.org/10.1210/clinem/dgaa431. PMID: 32620010 PMCID: PMC7418448
297. Liu T, Hivert M-F, Rifas-Shiman SL, Rahman ML, Oken E, Cardenas A, Mueller NT. [Prospective Association Between Manganese in Early Pregnancy and the Risk of Preeclampsia](#). Epidemiology. 2020 Sep;31(5):677-680. doi.org/10.1097/EDE.0000000000001227. PMID: 32618710 PMCID: PMC7398820
298. Mitro S, Sagiv SK, Rifas-Shiman SL, Fleisch AF, Jaacks L, Williams P, Oken E, James-Todd T, 2020. [Per- and polyfluoroalkyl substance exposure, gestational weight gain, and postpartum weight changes in Project Viva](#). Obesity (Silver Spring). 2020 Oct;28(10):1984-1992. doi.org/10.1002/oby.22933. PMID: 32959518 PMCID: PMC7513422.
299. Gingras V, Switkowski KM, Rifas-Shiman SL, Faleschini S, Oken E, Hivert MF. [Associations of Early Parental Concerns and Feeding Behaviors with Child's Diet Quality through Mid-Childhood](#). [Nutrients](#). 2020 Oct 22;12(11):3231. doi: 10.3390/nu12113231. PMID: 33105682; PMCID: PMC7690442.
300. Oken E. [Fresh fish findings?](#) Am J Clin Nutr. 2020 Nov 11;112(5):1149-1150. doi.org/10.1093/ajcn/nqaa249. PMID: 32889534 PMCID: PMC7657333
301. Hu J, Aris IM, Lin P-I D, Rifas-Shiman SL, Perng W, Woo Baidal JA, Wen D, Oken E. [Longitudinal associations of modifiable risk factors in the first 1000 days with weight status and metabolic risk in early adolescence](#). Am J Clin Nutr. 2020 Nov 12;113(1):113-122. doi.org/10.1093/ajcn/nqaa297. Online ahead of print. PMID: 33184628 PMCID: PMC7779210

## 2021

302. Mueller NT, Zhang M, Rifas-Shiman SL, Oken E, Hivert M-F, Chavarro J. [Mode of delivery, type of labor, and measures of adiposity from childhood to teenage: Project Viva](#). Int J Obes (Lond). 2021 Jan;45(1):36-44. doi.org/10.1038/s41366-020-00709-x. Epub 2020 Nov 16. PMID: 33199815 PMCID: PMC7755743
303. Xu T, Faleschini S, Rifas-Shiman S, Monthe-Dreze C, Oken E, Hivert M-F, Tiemeier H. [Maternal glucose tolerance in pregnancy and child cognitive and behavioural problems in early and mid-childhood](#). Paediatr Perinat Epidemiol. 2021 Jan;35(1):109-119. doi.org/10.1111/ppe.12710. Epub 2020 Sep 3. PMID: 32885485 PMCID: PMC7877074
304. Zanobetti A, Coull BA, Luttmann-Gibson H, van Rossem L, Rifas-Shiman SL, Kloog I, Schwartz JD, Oken E, Bobb JF, Koutrakis P, Gold DR. [Ambient Particle Components and Newborn Blood Pressure in Project Viva](#). J Am Heart Assoc. 2021 Jan 5;10(1):e016935. doi.org/10.1161/JAHA.120.016. Epub 2020 Dec 29. PMID: 33372530
305. Wu AJ, Rifas-Shiman SL, Taveras EM, Oken E. [Associations of DXA-measured abdominal adiposity with cardio-metabolic risk and related markers in early adolescence in Project Viva](#).

Pediatr Obes. 2021 Feb;16(2):e12704. doi.org/10.1111/ijpo.12704. Epub 2020 Aug 6. PMID: 32761791 PMCID: PMC7790849

306. Aris IM, Sarvet AL, Stensrud MJ, Neugebauer R, Li L-J, Hivert M-F, Oken E, Young JG. [Separating Algorithms from Questions and Causal Inference with Unmeasured Exposures: An Application to Birth Cohort Studies of Early BMI Rebound](#). Am J Epidemiol. 2021 Feb 10;kwab029. doi.org/10.1093/aje/kwab029. Online ahead of print. PMID: 33565574
307. Turturice BA, Theorell J, Koenig MD, Tussing-Humphreys L, Gold DR, Litonjua AA, Oken E, Rifas-Shiman SL, Perkins DL, Finn PW. [Perinatal granulopoiesis and risk of pediatric asthma](#). Elife. 2021 Feb 10;10:e63745. doi.org/10.7554/eLife.63745. PMID: 33565964 PMCID: PMC7889076
308. Aris IM, Rifas-Shiman SL, Jimenez MP, Li L-J, Hivert M-F, Oken E, James P. [Neighborhood Child Opportunity Index and Adolescent Cardiometabolic Risk](#). Pediatrics. 2021 Feb;147(2):e2020018903. doi.org/10.1542/peds.2020-018903. PMID: 33479165 PMCID: PMC7906069
309. Mahmassani HA, Switkowski KM, Scott TM, Johnson EJ, Rifas-Shiman SL, Oken E, Jacques PF. [Maternal Intake of Lutein and Zeaxanthin during Pregnancy Is Positively Associated with Offspring Verbal Intelligence and Behavior Regulation in Mid-Childhood in the Project Viva Cohort](#). J Nutr. 2021 Mar 11;151(3):615-627. doi.org/10.1093/jn/nxaa348. PMID: 33484136
310. Hahn J, Gold DR, Coull BA, McCormick MC, Finn PW, Perkins DL, Rifas Shiman SL, Oken E, Kubzansky LD. [Air Pollution, Neonatal Immune Responses, and Potential Joint Effects of Maternal Depression](#). IJERPH. 2021 May 11;18(10):5062.
311. Aris IM, Rifas-Shiman SL, Mínguez-Alarcón L, Sordillo JE, Hivert MF, Oken E, Chavarro JE. [Association of mode of delivery with offspring pubertal development in Project Viva: a prospective pre-birth cohort study in the USA](#). Hum Reprod. 2021 Nov 10;deab235. PMID: 34755186
312. Mínguez-Alarcón L, Rifas-Shiman SL, Sordillo JE, Aris IM, Wu AJ, Hivert MF, Oken E, Chavarro JE. [Association of Mode of Obstetric Delivery With Child and Adolescent Body Composition](#). JAMA Netw Open. 2021 Oct 1;4(10):e2125161. PMID: 34623410
313. Wu AJ, Aris IM, Rifas-Shiman SL, Oken E, Taveras EM, Chavarro JE, Hivert MF. [Associations of midchildhood to early adolescence central adiposity gain with cardiometabolic health in early adolescence](#). Obesity (Silver Spring). 2021 Nov;29(11):1882–1891. PMCID: PMC8571062
314. Mínguez-Alarcón L, Rifas-Shiman SL, Mitchell C, Sordillo J, Aris IM, Hivert MF, Oken E, Chavarro JE. [Cesarean delivery and metabolic health and inflammation biomarkers during mid-childhood and early adolescence](#). Pediatr Res [Internet]. 2021 Apr 6 [cited 2021 Apr 8]; Available from: <http://www.nature.com/articles/s41390-021-01503-9>
315. Aris IM, Sordillo JE, Rifas-Shiman SL, Young JG, Gold DR, Camargo CA, Hivert MF, Oken E. [Childhood patterns of overweight and wheeze and subsequent risk of current asthma and obesity in adolescence](#). Paediatr Perinat Epidemiol. 2021 Sep; PMID: 33749887
316. Flashner BM, Rifas-Shiman SL, Oken E, Camargo CA, Platts-Mills TAE, Workman L, Litonjua AA, Gold DR, Rice MB. [Contributions of asthma, rhinitis and IgE to exhaled nitric oxide in adolescents](#). ERJ Open Res. 2021 Apr;7(2). PMCID: PMC8053905

317. Lin PID, Cardenas A, Rifas-Shiman SL, Hivert MF, James-Todd T, Amarasiriwardena C, Wright RO, Rahman ML, Oken E. [Diet and erythrocyte metal concentrations in early pregnancy-cross-sectional analysis in Project Viva](#). Am J Clin Nutr. 2021 Aug 2;114(2):540–549. PMID: PMC8326032
318. Chiu YH, Fadadu RP, Gaskins AJ, Rifas-Shiman SL, Laue HE, Moley KH, Hivert MF, Baccarelli A, Oken E, Chavarro JE, Cardenas A. [Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at IGF2 and H19 genes in newborns](#). Environ Mol Mutagen. 2021 Aug;62(7):388–398. PMID: PMC8364885
319. Seshasayee SM, Rifas-Shiman SL, Chavarro JE, Carwile JL, Lin PID, Calafat AM, Sagiv SK, Oken E, Fleisch AF. [Dietary patterns and PFAS plasma concentrations in childhood: Project Viva, USA](#). Environ Int. 2021 Mar 8;151:106415. PMID: 33706127
320. Sauder KA, Harte RN, Ringham BM, Guenther PM, Bailey RL, Alshawabkeh A, Cordero JF, Dunlop AL, Ferranti EP, Elliott AJ, Mitchell DC, Hedderson MM, Avalos LA, Zhu Y, Breton CV, Chatzi L, Ran J, Hertz-Picciotto I, Karagas MR, Sayarath V, Hoover J, MacKenzie D, Lyall K, Schmidt RJ, O'Connor TG, Barrett ES, Switkowski KM, Comstock SS, Kerver JM, Trasande L, Tyllavsky FA, Wright RJ, Kannan S, Mueller NT, Catellier DJ, Glueck DH, Dabelea D, Program Collaborators for Environmental influences on Child Health Outcomes (ECHO). [Disparities in Risks of Inadequate and Excessive Intake of Micronutrients during Pregnancy](#). J Nutr. 2021 Nov 2;151(11):3555–3569. PMID: PMC8564697
321. Lyall K, Hosseini M, Ladd-Acosta C, Ning X, Catellier D, Constantino JN, Croen LA, Kaat AJ, Botteron K, Bush NR, Dager SR, Duarte CS, Fallin MD, Hazlett H, Hertz-Picciotto I, Joseph RM, Karagas MR, Korrick S, Landa R, Messinger D, Oken E, Ozonoff S, Piven J, Pandey J, Sathyanarayana S, Schultz RT, St John T, Schmidt R, Volk H, Newschaffer CJ, program collaborators for Environmental influences on Child Health Outcomes. [Distributional Properties and Criterion Validity of a Shortened Version of the Social Responsiveness Scale: Results from the ECHO Program and Implications for Social Communication Research](#). J Autism Dev Disord. 2021 Jul;51(7):2241–2253. PMID: PMC7965796
322. Cardenas A, Rifas-Shiman SL, Sordillo JE, DeMeo DL, Baccarelli AA, Hivert MF, Gold DR, Oken E. [DNA methylation architecture of the ACE2 gene in nasal cells of children](#). Sci Rep. 2021 Mar 29;11(1):7107. PMID: PMC8007733
323. Jimenez MP, Aris IM, Rifas-Shiman S, Young J, Tiemeier H, Hivert MF, Oken E, James P. [Early life exposure to greenness and executive function and behavior: An application of inverse probability weighting of marginal structural models](#). Environ Pollut. 2021 Dec 15;291:118208. PMID: 34740291
324. Zheng Y, Lin PID, Williams PL, Weisskopf MG, Cardenas A, Rifas-Shiman SL, Wright RO, Amarasiriwardena C, Henn BC, Hivert MF, Oken E, James-Todd T. [Early pregnancy essential and non-essential metal mixtures and gestational glucose concentrations in the 2nd trimester: Results from project viva](#). Environ Int. 2021 Jun 10;155:106690. PMID: 34120006
325. Rahman ML, Oken E, Hivert MF, Rifas-Shiman S, Lin PID, Colicino E, Wright RO, Amarasiriwardena C, Claus Henn BG, Gold DR, Coull BA, Cardenas A. [Early pregnancy exposure to metal mixture and birth outcomes - A prospective study in Project Viva](#). Environ Int. 2021 Jun 17;156:106714. PMID: PMC8842844

326. Switkowski KM, Camargo CA, Rifas-Shiman SL, Fuller H, Oken E. [Early-Life Factors Are Associated with Vitamin D Status in Early and Mid-Childhood and May Differ between White and Black Children](#). J Nutr. 2021 Mar 9; PMID: 33693813; PMCID: PMC8243768
327. Yan Q, Forno E, Cardenas A, Qi C, Han YY, Acosta-Pérez E, Kim S, Zhang R, Boutaoui N, Canino G, Vonk JM, Xu CJ, Chen W, Marsland A, Oken E, Gold DR, Koppelman GH, Celedón JC. [Exposure to violence, chronic stress, nasal DNA methylation, and atopic asthma in children](#). Pediatr Pulmonol. 2021 Jul; PMID: 33751861
328. Stanislawski MA, Litkowski E, Fore R, Rifas-Shiman SL, Oken E, Hivert MF, Lange EM, Lange LA, Dabelea D, Raghavan S. [Genetic Interactions with Intrauterine Diabetes Exposure in Relation to Obesity: The EPOCH and Project Viva Studies](#). Pediatr Rep. 2021 Jun 1;13(2):279–288. PMID: 34205853
329. Joyce BT, Gao T, Koss K, Zheng Y, Cardenas A, Heiss J, Just A, Zhang K, van Horn L, Allen NB, Greenland P, Cohen S, Gordon-Larsen P, Mitchell C, McLanahan S, Schnepfer L, Notterman D, Rifas-Shiman SL, Oken E, Hivert MF, Wright R, Baccarelli A, Lloyd-Jones D, Hou L. [Impact of paternal education on epigenetic ageing in adolescence and mid-adulthood: a multi-cohort study in the USA and Mexico](#). Int J Epidemiol. 2021 Sep 17;dyab196. PMID: 34534313
330. Wu AJ, Aris IM, Rifas-Shiman SL, Oken E, Taveras EM, Hivert MF. [Longitudinal associations of fruit juice intake in infancy with DXA-measured abdominal adiposity in mid-childhood and early adolescence](#). Am J Clin Nutr. 2021 Apr 7;nqab043.
331. Monthé-Drèze C, Rifas-Shiman SL, Aris IM, Shivappa N, Hebert JR, Sen S, Oken E. [Maternal diet in pregnancy is associated with differences in child body mass index trajectories from birth to adolescence](#). Am J Clin Nutr. 2021 Mar 15; PMID: 33721014
332. Faleschini S, Rifas-Shiman SL, Monthé-Drèze C, Switkowski KM, Gingras V, Perng W, Oken E, Hivert MF, Tiemeier H. [Maternal Dietary Inflammatory Index in Pregnancy and Offspring Behavioral Problems in Mid-Childhood and Early Adolescence](#). Biol Psychiatry. 2021 Dec 15;90(12):e73-e75. doi: 10.1016/j.biopsych.2021.01.018. 2021 Apr 3. PMID: 33824005.
333. Mahmassani HA, Switkowski KM, Scott TM, Johnson EJ, Rifas-Shiman SL, Oken E, Jacques PF. [Maternal Intake of Lutein and Zeaxanthin during Pregnancy Is Positively Associated with Offspring Verbal Intelligence and Behavior Regulation in Mid-Childhood in the Project Viva Cohort](#). J Nutr. 2021 Mar 11;151(3):615–627. PMCID: PMC7948203
334. Joung KE, Rifas-Shiman SL, Oken E, Mantzoros CS. [Maternal Mid-pregnancy Leptin and Adiponectin Levels as Predictors of Autism Spectrum Disorder: A Prenatal Cohort Study](#). J Clin Endocrinol Metab. 2021 May 29; PMID: 34050756
335. Janis JA, Rifas-Shiman SL, Seshasayee SM, Sagiv S, Calafat AM, Gold DR, Coull BA, Rosen CJ, Oken E, Fleisch AF. [Plasma Concentrations of Per- and Polyfluoroalkyl Substances and Body Composition from Mid-childhood to Early Adolescence](#). J Clin Endocrinol Metab. 2021 Mar 19; PMCID: PMC8372642
336. Harris, M.H., Oken, E., Rifas-Shiman, S.L., Calafat, A.M., Bellinger, D.C., Webster, T.F., White, R.F. and Sagiv, S.K. [Prenatal and childhood exposure to per- and polyfluoroalkyl substances \(PFAS\) and child executive function and behavioral problems](#). Environ Res. 2021 Jul 6;111621. PMID: 34237332

337. Fruh V, Rifas-Shiman SL, Coull BA, Devick KL, Amarasiriwardena C, Cardenas A, Bellinger DC, Wise LA, White RF, Wright RO, Oken E, Henn BC. [Prenatal exposure to a mixture of elements and neurobehavioral outcomes in mid-childhood: Results from Project Viva](#). Environ Res. 2021 Oct;111540. PMID: 34166661
338. Bozack AK, Rifas-Shiman SL, Coull BA, Baccarelli AA, Wright RO, Amarasiriwardena C, Gold DR, Oken E, Hivert MF, Cardenas A. [Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: an epigenome-wide association study of 12 metals](#). Clin Epigenetics. 2021 Nov 19;13(1):208. PMCID: PMC8605513
339. Smith AR, Lin PID, Rifas-Shiman SL, Rahman ML, Gold DR, Baccarelli AA, Claus Henn B, Amarasiriwardena C, Wright RO, Coull B, Hivert MF, Oken E, Cardenas A. [Prospective Associations of Early Pregnancy Metal Mixtures with Mitochondria DNA Copy Number and Telomere Length in Maternal and Cord Blood](#). Environ Health Perspect. 2021 Nov;129(11):117007. PMCID: PMC8604047
340. Carwile JL, Seshasayee SM, Aris IM, Rifas-Shiman SL, Claus Henn B, Calafat AM, Sagiv SK, Oken E, Fleisch AF. [Prospective associations of mid-childhood plasma per- and polyfluoroalkyl substances and pubertal timing](#). Environ Int. 2021 Nov;156:106729. PMID: 34171588
341. Bekelman TA, Dabelea D, Ganiban JM, Law A, McGovern Reilly A, Althoff KN, Mueller N, Camargo CA, Duarte CS, Dunlop AL, Elliott AJ, Ferrara A, Gold DR, Hertz-Picciotto I, Hartert T, Hipwell AE, Huddleston K, Johnson CC, Karagas MR, Karr CJ, Hershey GKK, Leve L, Mahabir S, McEvoy CT, Neiderhiser J, Oken E, Rundle A, Sathyanarayana S, Turley C, Tylavsky FA, Watson SE, Wright R, Zhang M, Zoratti E, Program collaborators for Environmental influences on Child Health Outcomes (ECHO). [Regional and sociodemographic differences in average BMI among US children in the ECHO program](#). Obesity (Silver Spring). 2021 Aug 31; PMID: 34467678
342. Sordillo JE, Cardenas A, Qi C, Rifas-Shiman SL, Coull B, Luttmann-Gibson H, Schwartz J, Kloog I, Hivert MF, DeMeo DL, Baccarelli AA, Xu CJ, Gehring U, Vonk JM, Koppelman G, Oken E, Gold DR. [Residential PM2.5 exposure and the nasal methylome in children](#). Environ Int. 2021 Apr 16;153:106505. PMID: 33872926

## 2022

343. Preston EV, Hivert MF, Fleisch AF, Calafat AM, Sagiv SK, Perng W, Rifas-Shiman SL, Chavarro JE, Oken E, Zota AR, James-Todd T. [Early-pregnancy plasma per- and polyfluoroalkyl substance \(PFAS\) concentrations and hypertensive disorders of pregnancy in the Project Viva cohort](#). Environ Int. 2022 Jun 6;165:107335. PMID: 35696844
344. Switkowski KM, Aris IM, Gingras V, Oken E, Young JG. [Estimated causal effects of complementary feeding behaviors on early childhood diet quality in a US cohort](#). Am J Clin Nutr. 2022 Apr 1;115(4):1105–1114. PMCID: PMC8970996
345. Vogelesang S, Bradfield JP, Early Growth Genetics Consortium, Grant SFA, Felix JF, Jaddoe VWV. [Genetics of early-life head circumference and genetic correlations with neurological, psychiatric and cognitive outcomes](#). BMC Med Genomics. 2022 Jun 4;15(1):124. PMCID: PMC9166310
346. Liu Y, Eliot MN, Papandonatos GD, Kelsey KT, Fore R, Langevin S, Buckley J, Chen A, Lanphear

- BP, Cecil KM, Yolton K, Hivert MF, Sagiv SK, Baccarelli AA, Oken E, Braun JM. [Gestational Perfluoroalkyl Substance Exposure and DNA Methylation at Birth and 12 Years of Age: A Longitudinal Epigenome-Wide Association Study](#). *Environ Health Perspect*. 2022 Mar;130(3):37005. PMID: 35266797
347. Soria-Contreras DC, Oken E, Tellez-Rojo MM, Rifas-Shiman SL, Perng W, Chavarro JE. [History of infertility and long-term weight, body composition, and blood pressure among women in Project Viva](#). *Ann Epidemiol*. 2022 Jun 28;S1047-2797(22)00133–8. PMID: 35777630
348. Soria-Contreras DC, Perng W, Rifas-Shiman SL, Hivert MF, Oken E, Chavarro JE. [History of infertility and pregnancy outcomes in Project Viva: a prospective study](#). *BMC Pregnancy Childbirth*. 2022 Jul 7;22(1):549. PMCID: PMC9261051
349. Turner S, Posthumus AG, Steegers EAP, AlMakoshi A, Sallout B, Rifas-Shiman SL, Oken E, Kumwenda B, Alostad F, Wright-Corker C, Watson L, Mak D, Cheung HC, Judge A, Aucott L, Jaddoe VWV, Annesi Maesano I, Soomro MH, Hindmarsh P, Jacobsen G, Vik T, Riaño-Galan I, Rodríguez-Dehli AC, Lertxundi A, Rodriguez LSM, Vrijheid M, Julvez J, Esplugues A, Iñiguez C. [Household income, fetal size and birth weight: an analysis of eight populations](#). *J Epidemiol Community Health*. 2022 Apr 12;jech-2021-218112.
350. Mein SA, Nurhussien L, Rifas-Shiman SL, Luttmann-Gibson H, Sordillo JE, Oken E, Gold DR, Rice MB. [Lifetime Exposure to Traffic-Related Pollution and Lung Function in Early Adolescence](#). *Ann Am Thorac Soc*. 2022 May 17; PMID: 35580245
351. Sammallahhti S, Koopman-Verhoeff ME, Binter AC, Mulder RH, Cabré-Riera A, Kvist T, Malmberg ALK, Pesce G, Plancoulaine S, Heiss JA, Rifas-Shiman SL, Röder SW, Starling AP, Wilson R, Guerlich K, Haftorn KL, Page CM, Luik AI, Tiemeier H, Felix JF, Raikkonen K, Lahti J, Relton CL, Sharp GC, Waldenberger M, Grote V, Heude B, Annesi-Maesano I, Hivert MF, Zenclussen AC, Herberth G, Dabelea D, Grazuleviciene R, Vafeiadi M, Håberg SE, London SJ, Guxens M, Richmond RC, Cecil CAM. [Longitudinal associations of DNA methylation and sleep in children: a meta-analysis](#). *Clin Epigenetics*. 2022 Jul 5;14(1):83. PMCID: PMC9258202
352. Mahmassani HA, Switkowski KM, Scott TM, Johnson EJ, Rifas-Shiman SL, Oken E, Jacques PF. [Maternal diet quality during pregnancy and child cognition and behavior in a US cohort](#). *Am J Clin Nutr*. 2022 Jan 11;115(1):128–141. PMCID: PMC8755080
353. Küpers LK, Fernández-Barrés S, Nounu A, Friedman C, Fore R, Mancano G, Dabelea D, Rifas-Shiman SL, Mulder RH, Oken E, Johnson L, Bustamante M, Jaddoe VWV, Hivert MF, Starling AP, de Vries JHM, Sharp GC, Vrijheid M, Felix JF. [Maternal Mediterranean diet in pregnancy and newborn DNA methylation: a meta-analysis in the PACE Consortium](#). *Epigenetics*. 2022 Mar 2;1–13.
354. Jimenez MP, Suel E, Rifas-Shiman SL, Hystad P, Larkin A, Hankey S, Just AC, Redline S, Oken E, James P, See Acknowledgments for full listing of collaborators. [Street-view greenspace exposure and objective sleep characteristics among children](#). *Environ Res*. 2022 Jun 24;113744. PMID: 35760115
355. Stratakis N, Garcia E, Chandran A, Hsu T, Alshawabkeh A, Aris IM, Aschner JL, Breton C, Burbank A, Camargo CA, Carroll KN, Chen Z, Claud EC, Dabelea D, Dunlop AL, Elliott AJ, Ferrara A, Ganiban JM, Gern JE, Gold DR, Gower WA, Hertz-Picciotto I, Karagas MR, Karr CJ, Lester B, Leve LD, Litonjua AA, Ludena Y, McEvoy CT, Miller RL, Mueller NT, O'Connor TG, Oken E, O'Shea TM,

- Perera F, Stanford JB, Rivera-Spoljaric K, Rundle A, Trasande L, Wright RJ, Zhang Y, Zhu Y, Berhane K, Gilliland F, Chatzi L, program collaborators for Environmental Influences on Child Health Outcomes. [The Role of Childhood Asthma in Obesity Development: A Nationwide US Multicohort Study](#). *Epidemiology*. 2022 Jan 1;33(1):131–140. PMID: PMC8633057
356. Switkowski KM, Oken E, Rifas-Shiman SL, Camargo CA, Gold DR, Sordillo JE, Lightdale JR. [Timing of Cow's Milk Protein Introduction and Childhood Adverse Reactions to Cow's Milk](#). *J Allergy Clin Immunol Pract*. 2022 Jun 29;S2213-2198(22)00644–4. PMID: 35779778
357. Osinga JAJ, Derakhshan A, Palomaki GE, Ashoor G, Männistö T, Maraka S, Chen L, Bliddal S, Lu X, Taylor PN, Vrijkotte TGM, Tao FB, Brown SJ, Ghafoor F, Poppe K, Veltri F, Chatzi L, Vaidya B, Broeren MAC, Shields BM, Itoh S, Mosso L, Popova PV, Anopova AD, Kishi R, Aminorroaya A, Kianpour M, López-Bermejo A, Oken E, Pirzada A, Vafeiadi M, Bramer WM, Suvanto E, Yoshinaga J, Huang K, Bassols J, Boucai L, Feldt-Rasmussen U, Grineva EN, Pearce EN, Alexander EK, Pop VJM, Nelson SM, Walsh JP, Peeters RP, Chaker L, Nicolaidis KH, D'Alton ME, Korevaar TIM. [TSH and FT4 reference intervals in pregnancy: a systematic review and individual participant data meta-analysis](#). *J Clin Endocrinol Metab*. 2022 Jul 21;dgac425. PMID: 35861700
358. Kasman M, Hammond RA, Purcell R, Heuberger B, Moore TR, Grummon AH, Wu AJ, Block JP, Hivert MF, Oken E, Kleinman K. [An agent-based model of child sugar-sweetened beverage consumption: implications for policies and practices](#). *Am J Clin Nutr*. 2022 Aug 30;nqac194. PMID: 36041179
359. Toloza FJK, Derakhshan A, Männistö T, Bliddal S, Popova PV, Carty DM, Chen L, Taylor P, Mosso L, Oken E, Suvanto E, Itoh S, Kishi R, Bassols J, Auvinen J, López-Bermejo A, Brown SJ, Boucai L, Hisada A, Yoshinaga J, Shilova E, Grineva EN, Vrijkotte TGM, Sunyer J, Jiménez-Zabala A, Riaño-Galan I, Lopez-Espinosa MJ, Prokop LJ, Singh Ospina N, Brito JP, Rodriguez-Gutierrez R, Alexander EK, Chaker L, Pearce EN, Peeters RP, Feldt-Rasmussen U, Guxens M, Chatzi L, Delles C, Roeters van Lennep JE, Pop VJM, Lu X, Walsh JP, Nelson SM, Korevaar TIM, Maraka S. [Association between maternal thyroid function and risk of gestational hypertension and pre-eclampsia: a systematic review and individual-participant data meta-analysis](#). *Lancet Diabetes Endocrinol*. 2022 Apr;10(4):243–252. PMID: 35255260
360. McGovern C, Rifas-Shiman SL, Switkowski KM, Baidal JAW, Lightdale JR, Hivert MF, Oken E, Aris IM. [Association of cow's milk intake in early childhood with adiposity and cardiometabolic risk in early adolescence](#). *Am J Clin Nutr*. 2022 Apr 19;nqac103. PMID: 35441227
361. Paster IC, Lin PID, Rifas-Shiman SL, Perng W, Chavarro JE, Oken E. [Association of total lifetime breastfeeding duration with midlife handgrip strength: findings from Project Viva](#). *BMC Womens Health*. 2022 Jul 23;22(1):306. PMID: 35870925
362. Soria-Contreras DC, Perng W, Rifas-Shiman SL, Mínguez-Alarcón L, Hivert MF, Shifren J, Oken E, Chavarro JE. [Associations of hypertensive disorders of pregnancy and gestational diabetes mellitus with menopausal symptoms at midlife in Project Viva](#). *Menopause*. 2022 Aug 2; PMID: 35917550
363. Cohen N, Faleschini S, Rifas-Shiman SL, Bouchard L, Doyon M, Simard O, Arguin M, Fink G, Alman AC, Kirby R, Chen H, Wilson R, Fryer K, Perron P, Oken E, Hivert MF. [Associations of maternal glucose markers in pregnancy with cord blood glucocorticoids and child hair cortisol levels](#). *J Dev Orig Health Dis*. 2022 Jul 8;1–8. PMID: 35801348

364. Plows JF, Aris IM, Rifas-Shiman SL, Goran MI, Oken E. [Associations of maternal non-nutritive sweetener intake during pregnancy with offspring body mass index and body fat from birth to adolescence](#). *Int J Obes (Lond)*. 2022 Jan; PMID: 34611285
365. Soria-Contreras DC, Perng W, Rifas-Shiman SL, Hivert MF, Chavarro JE, Oken E. [Menstrual cycle length and adverse pregnancy outcomes among women in Project Viva](#). *Paediatr Perinat Epidemiol*. 2022 Feb 16; PMID: 35172020
366. Perng W, Hivert MF, Michelotti G, Oken E, Dabelea D. [Metabolomic Predictors of Dysglycemia in Two U.S. Youth Cohorts](#). *Metabolites*. 2022 Apr 29;12(5):404. PMID: 35629908
367. Pervjakova N, Moen GH, Borges MC, Ferreira T, Cook JP, Allard C, Beaumont RN, Canouil M, Hatem G, Heiskala A, Joensuu A, Karhunen V, Kwak SH, Lin FTJ, Liu J, Rifas-Shiman S, Tam CH, Tam WH, Thorleifsson G, Andrew T, Auvinen J, Bhowmik B, Bonnefond A, Delahaye F, Demirkan A, Froguel P, Haller-Kikkatalo K, Hardardottir H, Hummel S, Hussain A, Kajantie E, Keikkala E, Khamis A, Lahti J, Lekva T, Mustaniemi S, Sommer C, Tagoma A, Tzala E, Uibo R, Väärasmäki M, Villa PM, Birkeland KI, Bouchard L, Duijn CM, Finer S, Groop L, Hämäläinen E, Hayes GM, Hitman GA, Jang HC, Järvelin MR, Jenum AK, Laivuori H, Ma RC, Melander O, Oken E, Park KS, Perron P, Prasad RB, Qvigstad E, Sebert S, Stefansson K, Steinthorsdottir V, Tuomi T, Hivert MF, Franks PW, McCarthy MI, Lindgren CM, Freathy RM, Lawlor DA, Morris AP, Mägi R. [Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes](#). *Hum Mol Genet*. 2022 Feb 26;ddac050. PMID: 35220425
368. Lozano M, Yousefi P, Broberg K, Soler-Blasco R, Miyashita C, Pesce G, Kim WJ, Rahman M, Bakulski KM, Haug LS, Ikeda-Araki A, Huel G, Park J, Relton C, Vrijheid M, Rifas-Shiman S, Oken E, Dou JF, Kishi R, Gutzkow KB, Annesi-Maesano I, Won S, Hivert MF, Fallin MD, Vafeiadi M, Ballester F, Bustamante M, Llop S. [DNA methylation changes associated with prenatal mercury exposure: A meta-analysis of prospective cohort studies from PACE consortium](#). *Environ Res*. 2022 Mar;204(Pt B):112093. PMID: 34562483
369. Mahmassani HA, Switkowski KM, Johnson EJ, Scott TM, Rifas-Shiman SL, Oken E, Jacques PF. [Early Childhood Lutein and Zeaxanthin Intake is Positively Associated with Early Childhood Receptive Vocabulary and Mid-childhood Executive Function but no Other Cognitive or Behavioral Outcomes in Project Viva](#). *J Nutr*. 2022 Aug 24;nxac188. PMID: 36002019
370. Zhou JC, Rifas-Shiman SL, Haines J, Jones K, Oken E. Adolescent overeating and binge eating behavior in relation to subsequent cardiometabolic risk outcomes: a prospective cohort study. *J Eat Disord*. 2022;10(1):140. doi:[10.1186/s40337-022-00660-4](#)
371. Aris IM, Perng W, Dabelea D, et al. Analysis of Early-Life Growth and Age at Pubertal Onset in US Children. *JAMA Netw Open*. 2022;5(2):e2146873. doi:[10.1001/jamanetworkopen.2021.46873](#)
372. Nanishi M, Chandran A, Li X, et al. Association of Severe Bronchiolitis during Infancy with Childhood Asthma Development: An Analysis of the ECHO Consortium. *Biomedicines*. 2022;11(1):23. doi:[10.3390/biomedicines11010023](#)

373. Bliddal S, Derakhshan A, Xiao Y, et al. Association of thyroid peroxidase antibodies and thyroglobulin antibodies with thyroid function in pregnancy - an individual participant data meta-analysis. *Thyroid*. Published online May 20, 2022. doi:[10.1089/thy.2022.0083](https://doi.org/10.1089/thy.2022.0083)
374. Qureshi F, Aris IM, Rifas-Shiman SL, et al. Associations of cord blood leukocyte telomere length with adiposity growth from infancy to adolescence. *Pediatr Obes*. Published online September 9, 2022:e12977. doi:[10.1111/ijpo.12977](https://doi.org/10.1111/ijpo.12977)
375. Aris IM, Perng W, Dabelea D, et al. Associations of Neighborhood Opportunity and Social Vulnerability With Trajectories of Childhood Body Mass Index and Obesity Among US Children. *JAMA Netw Open*. 2022;5(12):e2247957. doi:[10.1001/jamanetworkopen.2022.47957](https://doi.org/10.1001/jamanetworkopen.2022.47957)
376. Lyall K, Ning X, Aschner JL, et al. Cardiometabolic Pregnancy Complications in Association with Autism-Related Traits as Measured by the Social Responsiveness Scale in ECHO. *Am J Epidemiol*. Published online March 31, 2022:kwac061. doi:[10.1093/aje/kwac061](https://doi.org/10.1093/aje/kwac061)
377. Nguyen RHN, Knapp EA, Li X, et al. Characteristics of Individuals in the United States Who Used Opioids During Pregnancy. *J Womens Health (Larchmt)*. Published online November 9, 2022. doi:[10.1089/jwh.2022.0118](https://doi.org/10.1089/jwh.2022.0118)
378. Zanobetti A, Ryan PH, Coull B, et al. Childhood Asthma Incidence, Early and Persistent Wheeze, and Neighborhood Socioeconomic Factors in the ECHO/CREW Consortium. *JAMA Pediatr*. Published online May 23, 2022. doi:[10.1001/jamapediatrics.2022.1446](https://doi.org/10.1001/jamapediatrics.2022.1446)
379. Martone GM, Lehman HK, Rideout TC, et al. Delayed egg introduction beyond infancy and increased egg allergy risk in childhood. *J Paediatr Child Health*. Published online October 3, 2022. doi:[10.1111/jpc.16234](https://doi.org/10.1111/jpc.16234)
380. Jimenez MP, Shoaff J, Kioumourtzoglou MA, et al. Early Life Exposure to Green Space and Mid-childhood Cognition in the Project Viva Cohort (Massachusetts, USA). *Am J Epidemiol*. Published online January 1, 2022. doi:[10.1093/aje/kwab209](https://doi.org/10.1093/aje/kwab209)
381. Rokoff LB, Cardenas A, Lin PID, et al. Early pregnancy essential and non-essential metal mixtures and maternal antepartum and postpartum depressive symptoms. *Neurotoxicology*. 2022;94:206-216. doi:[10.1016/j.neuro.2022.12.005](https://doi.org/10.1016/j.neuro.2022.12.005)
382. Faleschini S, Tiemeier H, Rifas-Shiman SL, et al. Longitudinal associations of psychosocial stressors with menopausal symptoms and well-being among women in midlife. *Menopause*. Published online September 13, 2022. doi:[10.1097/GME.0000000000002056](https://doi.org/10.1097/GME.0000000000002056)
383. Hertz-Picciotto I, Korrick SA, Ladd-Acosta C, et al. Maternal tobacco smoking and offspring autism spectrum disorder or traits in ECHO cohorts. *Autism Res*. 2022;15(3):551-569. doi:[10.1002/aur.2665](https://doi.org/10.1002/aur.2665)

384. Solomon O, Huen K, Yousefi P, et al. Meta-analysis of epigenome-wide association studies in newborns and children show widespread sex differences in blood DNA methylation. *Mutat Res Rev Mutat Res*. 2022;789:108415. doi:[10.1016/j.mrrev.2022.108415](https://doi.org/10.1016/j.mrrev.2022.108415)
385. Caramaschi D, Neumann A, Cardenas A, et al. Meta-analysis of epigenome-wide associations between DNA methylation at birth and childhood cognitive skills. *Mol Psychiatry*. 2022;27(4):2126-2135. doi:[10.1038/s41380-022-01441-w](https://doi.org/10.1038/s41380-022-01441-w)
386. Lin PID, Cardenas A, Rifas-Shiman SL, et al. Non-essential and essential trace element mixtures and kidney function in early pregnancy - A cross-sectional analysis in project viva. *Environ Res*. 2022;216(Pt 4):114846. doi:[10.1016/j.envres.2022.114846](https://doi.org/10.1016/j.envres.2022.114846)
387. Kalloo G, Janis JA, Seshasayee SM, et al. Predictors of urinary biomarker concentrations of phthalates and some of their replacements in children in the Project Viva cohort. *J Expo Sci Environ Epidemiol*. Published online December 23, 2022. doi:[10.1038/s41370-022-00513-x](https://doi.org/10.1038/s41370-022-00513-x)
388. Parsons E, Rifas-Shiman SL, Bozack AK, et al. Prenatal trimester-specific intake of micronutrients: global DNA methylation and hydroxymethylation at birth and persistence in childhood. *J Dev Orig Health Dis*. Published online December 14, 2022:1-8. doi:[10.1017/S2040174422000642](https://doi.org/10.1017/S2040174422000642)
389. Mínguez-Alarcón L, Rifas-Shiman SL, Soria-Contreras DC, et al. Self-reported menstrual cycle length during reproductive years in relation to menopausal symptoms at midlife in Project Viva. *Menopause*. 2022;29(10):1130-1136. doi:[10.1097/GME.0000000000002042](https://doi.org/10.1097/GME.0000000000002042)
390. Oken E, Bastain TM, Bornkamp N, et al. When a birth cohort grows up: challenges and opportunities in longitudinal developmental origins of health and disease (DOHaD) research. *J Dev Orig Health Dis*. Published online November 21, 2022:1-7. doi:[10.1017/S2040174422000629](https://doi.org/10.1017/S2040174422000629)

## 2023

391. Dunlop AL, Burjak M, Dean LT, Alshwabkeh AN, Avalos LA, Aschner JL, Breton CV, Charifson MA, Cordero J, Dabelea D, D'Sa V, Duarte CS, Elliott AJ, Eick SM, Ferrara A, Fichorova RN, Ganiban JM, Gern JE, Hedderson MM, Herbstman JB, Hipwell AE, Huddleston KC, Karagas M, Karr C, Kerver JM, Koinis-Mitchell D, Lyall K, Madan J, Marsit C, McEvoy CT, Meeker JD, Oken E, O'Shea TM, Padula AM, Sathyanarayana S, Schantz S, Schmidt RJ, Snowden J, Stanford JB, Weiss S, Wright RO, Wright RJ, Zhang X, McGrath M. [Association of maternal education, neighborhood deprivation, and racial segregation with gestational age at birth by maternal race/ethnicity and United States Census region in the ECHO cohorts](#). *Front Public Health*. 2023;11:1165089. PMID: PMC10719953

392. Choudhary D, Rideout TC, Cameron CE, Lehman HK, Oken E, Rifas-Shiman SL, Wen X. [Egg Introduction during Infancy is Associated with Lower Fat Mass Index in Females at Early Adolescence](#). J Nutr. 2023 Jan;153(1):158–166. PMID: 36913449
393. Smith AR, Lin PID, Rifas-Shiman SL, Wright RO, Coull B, Hivert MF, Hubbard A, Oken E, Cardenas A. [Associations of Prenatal First Trimester Essential and Nonessential Metal Mixtures with Body Size and Adiposity in Childhood](#). Epidemiology. 2023 Jan 1;34(1):80–89. PMCID: PMC9720697
394. Monthé-Drèze C, Aris IM, Rifas-Shiman SL, Shivappa N, Hebert JR, Oken E, Sen S. [The Role of Prenatal Psychosocial Stress in the Associations of a Proinflammatory Diet in Pregnancy With Child Adiposity and Growth Trajectories](#). JAMA Netw Open. 2023 Jan 3;6(1):e2251367. PMID: 36662527
395. Francis EC, Oken E, Hivert MF, Rifas-Shiman SL, Chavarro JE, Perng W. [Antimüllerian hormone and adiposity across midlife among women in Project Viva](#). Menopause. 2023 Jan 4; PMID: 36728523
396. Ladd-Acosta C, Vang E, Barrett ES, Bulka CM, Bush NR, Cardenas A, Dabelea D, Dunlop AL, Fry RC, Gao X, Goodrich JM, Herbstman J, Hivert MF, Kahn LG, Karagas MR, Kennedy EM, Knight AK, Mohazzab-Hosseinian S, Morin A, Niu Z, O’Shea TM, Palmore M, Ruden D, Schmidt RJ, Smith AK, Song A, Spindel ER, Trasande L, Volk H, Weisenberger DJ, Breton CV, [Environmental Influences on Child Health Outcomes Program. Analysis of Pregnancy Complications and Epigenetic Gestational Age of Newborns](#). JAMA Netw Open. 2023 Feb 1;6(2):e230672. PMCID: PMC9958528
397. Nassikas NJ, Rifas-Shiman SL, Luttmann-Gibson H, Chen K, Blossom JC, Oken E, Gold DR, Rice MB. [Precipitation and Adolescent Respiratory Health in the Northeast United States](#). Ann Am Thorac Soc. 2023 Feb 7; PMID: 36749585
398. Moog NK, Cummings PD, Jackson KL, Aschner JL, Barrett ES, Bastain TM, Blackwell CK, Bosquet Enlow M, Breton CV, Bush NR, Deoni SCL, Duarte CS, Ferrara A, Grant TL, Hipwell AE, Jones K, Leve LD, Lovinsky-Desir S, Miller RK, Monk C, Oken E, Posner J, Schmidt RJ, Wright RJ, Entringer S, Simhan HN, Wadhwa PD, O’Connor TG, Musci RJ, Buss C, [ECHO collaborators. Intergenerational transmission of the effects of maternal exposure to childhood maltreatment in the USA: a retrospective cohort study](#). Lancet Public Health. 2023 Mar;8(3):e226–e237. PMCID: PMC9982823
399. Padula AM, Ning X, Bakre S, Barrett ES, Bastain T, Bennett DH, Bloom MS, Breton CV, Dunlop AL, Eick SM, Ferrara A, Fleisch A, Geiger S, Goin DE, Kannan K, Karagas MR, Korrick S, Meeker JD, Morello-Frosch R, O’Connor TG, Oken E, Robinson M, Romano ME, Schantz SL, Schmidt RJ, Starling AP, Zhu Y, Hamra GB, Woodruff TJ, program collaborators for Environmental influences on Child Health Outcomes. [Birth Outcomes in Relation to Prenatal Exposure to Per- and Polyfluoroalkyl Substances and Stress in the Environmental Influences on Child Health Outcomes \(ECHO\) Program](#). Environ Health Perspect. 2023 Mar;131(3):37006. PMCID: PMC10015888

400. Rokoff LB, Seshasayee SM, Carwile JL, Rifas-Shiman SL, Botelho JC, Gordon CM, Hauser R, James-Todd T, Young JG, Rosen CJ, Calafat AM, Oken E, Fleisch AF. [Associations of urinary metabolite concentrations of phthalates and phthalate replacements with body composition from mid-childhood to early adolescence](#). Environ Res. 2023 Mar 6;115629. PMID: 36889566
401. Hipwell AE, Tung I, Sherlock P, Tang X, McKee K, McGrath M, Alshawabkeh A, Bastain T, Breton CV, Cowell W, Dabelea D, Duarte CS, Dunlop AL, Ferrera A, Herbstman JB, Hockett CW, Karagas MR, Keenan K, Krafty RT, Monk C, Nozadi SS, O'Connor TG, Oken E, Osmundson SS, Schantz S, Wright R, Comstock SS, program collaborators for Environmental influences on Child Health Outcomes. [Impact of sedentary behavior and emotional support on prenatal psychological distress and birth outcomes during the COVID-19 pandemic](#). Psychol Med. 2023 Mar 8;1-14. PMID: 36883203
402. Knapp EA, Kress AM, Parker CB, Page GP, McArthur K, Gachigi KK, Alshawabkeh AN, Aschner JL, Bastain TM, Breton CV, Bendixsen CG, Brennan PA, Bush NR, Buss C, Camargo CA, Catellier D, Cordero JF, Croen L, Dabelea D, Deoni S, D'Sa V, Duarte CS, Dunlop AL, Elliott AJ, Farzan SF, Ferrara A, Ganiban JM, Gern JE, Giardino AP, Towe-Goodman NR, Gold DR, Habre R, Hamra GB, Hartert T, Herbstman JB, Hertz-Picciotto I, Hipwell AE, Karagas MR, Karr CJ, Keenan K, Kerver JM, Koinis-Mitchell D, Lau B, Lester BM, Leve LD, Leventhal B, LeWinn KZ, Lewis J, Litonjua AA, Lyall K, Madan JC, McEvoy CT, McGrath M, Meeker JD, Miller RL, Morello-Frosch R, Neiderhiser JM, O'Connor TG, Oken E, O'Shea M, Paneth N, Porucznik CA, Sathyanarayana S, Schantz SL, Spindel ER, Stanford JB, Stroustrup A, Teitelbaum SL, Trasande L, Volk H, Wadhwa PD, Weiss ST, Woodruff TJ, Wright RJ, Zhao Q, Jacobson LP, Environmental Influences On Child Health Outcomes OBOPCF. [The Environmental influences on Child Health Outcomes \(ECHO\)-wide Cohort](#). Am J Epidemiol. 2023 Mar 24;kwad071. PMID: 36963379
403. Miller RL, Schuh H, Chandran A, Aris IM, Bendixsen C, Blossom J, Breton C, Camargo CA, Canino G, Carroll KN, Commodore S, Cordero JF, Dabelea DM, Ferrara A, Fry RC, Ganiban JM, Gern JE, Gilliland FD, Gold DR, Habre R, Hare ME, Harte RN, Hartert T, Hasegawa K, Khurana Hershey GK, Jackson DJ, Joseph C, Kerver JM, Kim H, Litonjua AA, Marsit CJ, McEvoy C, Mendonça EA, Moore PE, Nkoy FL, O'Connor TG, Oken E, Ownby D, Perzanowski M, Rivera-Spoljaric K, Ryan PH, Singh AM, Stanford JB, Wright RJ, Wright RO, Zanolletti A, Zoratti E, Johnson CC, program collaborators for Environmental influences on Child Health Outcomes. [Incidence Rates of Childhood Asthma with Recurrent Exacerbations in the U.S. Environmental influences on Child Health Outcomes \(ECHO\) Program](#). J Allergy Clin Immunol. 2023 Mar 25;S0091-6749(23)00368-8. PMID: 36972767
404. Brennan PA, Dunlop AL, Croen LA, Avalos LA, Salisbury AL, Hipwell AE, Nozadi SS, Sathyanarayana S, Crum RM, Musci R, Li M, Li X, Mansolf M, O'Connor TG, Elliott AJ, Ghildayal N, Lin PID, Sprowles JLN, Stanford JB, Bendixsen C, Ozonoff S, Lester BM, Shuster CL, Huddleston KC, Posner J, Paneth N. [Prenatal Antidepressant Exposures and Autism Spectrum Disorder or](#)

[Traits: A Retrospective, Multi-Cohort Study](#). Res Child Adolesc Psychopathol. 2023 Apr;51(4):513–527. PMID: PMC10150657

405. Solé-Navais P, Flatley C, Steinthorsdottir V, Vaudel M, Juodakis J, Chen J, Laisk T, LaBella AL, Westergaard D, Bacelis J, Brumpton B, Skotte L, Borges MC, Helgeland Ø, Mahajan A, Wielscher M, Lin F, Briggs C, Wang CA, Moen GH, Beaumont RN, Bradfield JP, Abraham A, Thorleifsson G, Gabrielsen ME, Ostrowski SR, Modzelewska D, Nohr EA, Hypponen E, Srivastava A, Talbot O, Allard C, Williams SM, Menon R, Shields BM, Sveinbjornsson G, Xu H, Melbye M, Lowe W, Bouchard L, Oken E, Pedersen OB, Gudbjartsson DF, Erikstrup C, Sørensen E, Early Growth Genetics Consortium, Estonian Biobank Research Team, Danish Blood Donor Study Genomic Consortium, Lie RT, Teramo K, Hallman M, Juliusdottir T, Hakonarson H, Ullum H, Hattersley AT, Sletner L, Merialdi M, Rifas-Shiman SL, Steingrimsdottir T, Scholtens D, Power C, West J, Nyegaard M, Capra JA, Skogholt AH, Magnus P, Andreassen OA, Thorsteinsdottir U, Grant SFA, Qvigstad E, Pennell CE, Hivert MF, Hayes GM, Jarvelin MR, McCarthy MI, Lawlor DA, Nielsen HS, Mägi R, Rokas A, Hveem K, Stefansson K, Feenstra B, Njolstad P, Muglia LJ, Freathy RM, Johanson S, Zhang G, Jacobsson B. [Genetic effects on the timing of parturition and links to fetal birth weight](#). Nat Genet. 2023 Apr 3; PMID: 37012456
406. Bozack AK, Rifas-Shiman SL, Gold DR, Laubach ZM, Perng W, Hivert MF, Cardenas A. [DNA methylation age at birth and childhood: performance of epigenetic clocks and characteristics associated with epigenetic age acceleration in the Project Viva cohort](#). Clin Epigenetics. 2023 Apr 12;15(1):62. PMID: PMC10099681
407. Melough MM, Li M, Hamra G, Palmore M, Sauder KA, Dunlop AL, LeWinn KZ, Zhao Q, Kelly RS, Switkowski KM, Hipwell AE, Korrick SA, Collett BR, MacKenzie D, Nozadi SS, Kerver JM, Schmidt RJ, McGrath M, Sathyanarayana S, program collaborators for Environmental influences on Child Health Outcomes. [Greater Gestational Vitamin D Status is Associated with Reduced Childhood Behavioral Problems in the Environmental Influences on Child Health Outcomes Program](#). J Nutr. 2023 May;153(5):1502–1511. PMID: 37147034
408. Ames JL, Burjak M, Avalos LA, Braun JM, Bulka CM, Croen LA, Dunlop AL, Ferrara A, Fry RC, Hedderson MM, Karagas MR, Liang D, Lin PID, Lyall K, Moore B, Morello-Frosch R, O'Connor TG, Oh J, Padula AM, Woodruff TJ, Zhu Y, Hamra GB, program collaborators for Environmental influences on Child Health Outcomes. [Prenatal Exposure to Per- and Polyfluoroalkyl Substances and Childhood Autism-related Outcomes](#). Epidemiology. 2023 May 1;34(3):450–459. PMID: PMC10074577
409. Zhang Y, Mustieles V, Sun Q, Coull B, McElrath T, Rifas-Shiman SL, Martin L, Sun Y, Wang YX, Oken E, Cardenas A, Messerlian C. [Association of Early Pregnancy Perfluoroalkyl and Polyfluoroalkyl Substance Exposure With Birth Outcomes](#). JAMA Netw Open. 2023 May 1;6(5):e2314934. PMID: PMC10233420

410. Maylott SE, Conradt E, McGrath M, Knapp EA, Li X, Musci R, Aschner J, Avalos LA, Croen LA, Deoni S, Derefinko K, Elliott A, Hofheimer JA, Leve LD, Madan JC, Mansolf M, Murrison LB, Neiderhiser JM, Ozonoff S, Posner J, Salisbury A, Sathyanarayana S, Schweitzer JB, Seashore C, Stabler ME, Young LW, Ondersma SJ, Lester B, program collaborators for Environmental influences on Child Health Outcomes (ECHO). [Latent Class Analysis of Prenatal Substance Exposure and Child Behavioral Outcomes](#). J Pediatr. 2023 May 13;260:113468. PMID: 37182662
411. Liu Y, Wosu AC, Fleisch AF, Dunlop AL, Starling AP, Ferrara A, Dabelea D, Oken E, Buckley JP, Chatzi L, Karagas MR, Romano ME, Schantz S, O'Connor TG, Woodruff TJ, Zhu Y, Hamra GB, Braun JM, the program collaborators for Environmental influences on Child Health Outcomes. [Associations of Gestational Perfluoroalkyl Substances Exposure with Early Childhood BMI z-Scores and Risk of Overweight/Obesity: Results from the ECHO Cohorts](#). Environ Health Perspect. 2023 Jun;131(6):67001. PMCID: PMC10246497
412. Wu AJ, Oken E. [Developmental Contributions to Obesity: Nutritional Exposures in the First Thousand Days](#). Gastroenterol Clin North Am. 2023 Jun;52(2):333–345. PMID: 37197877
413. Rokoff LB, Wallenborn JT, Harris MH, Rifas-Shiman SL, Criswell R, Romano ME, Young JG, Calafat AM, Oken E, Sagiv SK, Fleisch AF. [Plasma concentrations of per- and polyfluoroalkyl substances in pregnancy and breastfeeding duration in Project Viva](#). Sci Total Environ. 2023 Jun 6;164724. PMID: 37290653
414. Keyes M, Andrews C, Midya V, Carrasco P, Guxens M, Jimeno-Romero A, Murcia M, Rodriguez-Dehli C, Romaguera D, Santa-Maria L, Vafeiadi M, Chatzi L, Oken E, Vrijheid M, Valvi D, Sen S. [Mediators of the association between maternal body mass index and breastfeeding duration in 3 international cohorts](#). Am J Clin Nutr. 2023 Jul;118(1):255–263. PMID: 37407164
415. Kasman M, Hammond RA, Reader L, Purcell R, Guyer S, Ganiban JM, Mitchell DC, Dabelea DM, Bellatorre A, Bekelman TA, Cohen CC, Perng W, Grummon AH, Wu AJ, Oken E, Kleinman K, program collaborators for Environmental influences on Child Health Outcomes. [Childhood Sugar-sweetened Beverage Consumption: An Agent-based Model of Context-specific Reduction Efforts](#). Am J Prev Med. 2023 Jul 12;S0749-3797(23)00305–7. PMID: 37451323
416. Shanahan KH, James P, Rifas-Shiman SL, Gold DR, Oken E, Aris IM. [Neighborhood Conditions and Resources in Mid-childhood and Dampness and Pests at Home in Adolescence](#). J Pediatr. 2023 Jul 16;113625. PMID: 37463640
417. Patti MA, Ning X, Hosseini M, Croen LA, Joseph RM, Karagas MR, Ladd-Acosta C, Landa R, Messinger DS, Newschaffer CJ, Nguyen R, Ozonoff S, O'Shea TM, Schmidt RJ, Trevino CO, Lyall K. [A Comparative Analysis of the Full and Short Versions of the Social Responsiveness Scale in](#)

[Estimating an Established Autism Risk Factor Association in ECHO: Do we Get the Same Estimates?](#) J Autism Dev Disord. 2023 Jul 22; PMID: PMC11370280

418. Soria-Contreras DC, Aris IM, Rifas-Shiman SL, Perng W, Hivert MF, Chavarro JE, Oken E. [Associations of age at first birth and lifetime parity with weight and adiposity across midlife in women from Project Viva.](#) Obesity (Silver Spring). 2023 Jul 24; PMID: 37485799
419. Thilakaratne R, Lin PID, Rifas-Shiman SL, Wright RO, Hubbard A, Hivert MF, Bellinger D, Oken E, Cardenas A. [Mixtures of Metals and Micronutrients in Early Pregnancy and Cognition in Early and Mid-Childhood: Findings from the Project Viva Cohort.](#) Environ Health Perspect. 2023 Aug;131(8):87008. PMID: PMC10431487
420. LeWinn KZ, Trasande L, Law A, Blackwell CK, Bekelman TA, Arizaga JA, Sullivan AA, Bastain TM, Breton CV, Karagas MR, Elliott AJ, Karr CJ, Carroll KN, Dunlop AL, Croen LA, Margolis AE, Alshawabkeh AN, Cordero JF, Singh AM, Seroogy CM, Jackson DJ, Wood RA, Hartert TV, Kim YS, Duarte CS, Schweitzer JB, Lester BM, McEvoy CT, O'Connor TG, Oken E, Bornkamp N, Brown ED, Porucznik CA, Ferrara A, Camargo CA, Zhao Q, Ganiban JM, Jacobson LP, Environmental influences on Child Health Outcomes Consortium. [Sociodemographic Differences in COVID-19 Pandemic Experiences Among Families in the United States.](#) JAMA Netw Open. 2023 Aug 1;6(8):e2330495. PMID: PMC10448300
421. Fitz VW, Soria-Contreras DC, Rifas-Shiman SL, Shifren JL, Oken E, Chavarro JE. [Exploring the relationship between history of infertility and the experience of menopausal symptoms.](#) Menopause. 2023 Aug 1; PMID: 37527458
422. Ong YY, Rifas-Shiman SL, Perng W, Belfort MB, Law E, Hivert MF, Oken E, Tiemeier H, Aris IM. [Growth Velocities Across Distinct Early Life Windows and Child Cognition: Insights from a Contemporary US Cohort.](#) J Pediatr. 2023 Aug 2;113653. PMID: 37541424
423. Aris IM, Perng W, Dabelea D, Padula AM, Alshawabkeh A, Vélez-Vega CM, Aschner JL, Camargo CA, Sussman TJ, Dunlop AL, Elliott AJ, Ferrara A, Joseph CLM, Singh AM, Breton CV, Hartert T, Cacho F, Karagas MR, Lester BM, Kelly NR, Ganiban JM, Chu SH, O'Connor TG, Fry RC, Norman G, Trasande L, Restrepo B, Gold DR, James P, Oken E, Environmental Influences on Child Health Outcomes. [Neighborhood Opportunity and Vulnerability and Incident Asthma Among Children.](#) JAMA Pediatr. 2023 Aug 28; PMID: 37639269
424. Zhang M, Aris IM, Lin PID, Rifas-Shiman SL, Brady TM, James-Todd T, Oken E, Hivert MF. [Prenatal and Childhood Per- and Polyfluoroalkyl Substance \(PFAS\) Exposures and Blood Pressure Trajectories From Birth to Late Adolescence in a Prospective US Prebirth Cohort.](#) J Am Heart Assoc. 2023 Aug 29;e030760. PMID: 37642023

425. Fang F, Zhou L, Perng W, Marsit CJ, Knight AK, Cardenas A, Aung MT, Hivert MF, Aris IM, Goodrich JM, Smith AK, Gaylord A, Fry RC, Oken E, O'Connor G, Ruden DM, Trasande L, Herbstman JB, Camargo CA, Bush NR, Dunlop AL, Dabelea DM, Karagas MR, Breton CV, Ober C, Everson TM, Page GP, Ladd-Acosta C, program collaborators for Environmental influences on Child Health Outcomes. [Evaluation of pediatric epigenetic clocks across multiple tissues](#). Clin Epigenetics. 2023 Sep 2;15(1):142. PMCID: PMC10475199
426. Capotosto MP, Corcoran E, Burgess AW, Rifas-Shiman SL, Chavarro JE, Oken E. [Anxiety and depression symptoms during pregnancy and postpartum among parous women with history of infertility](#). Fertil Steril. 2023 Sep 4;S0015-0282(23)01820-4. PMID: 37673317
427. Zhu J, Eliassen AU, Aris IM, Stinson SE, Holm JC, Hansen T, Hivert MF, Bønnelykke K, Salem RM, Hirschhorn JN, Chan YM. [Pediatric Features of Genetic Predisposition to Polycystic Ovary Syndrome](#). J Clin Endocrinol Metab. 2023 Sep 10;dgad533. PMID: 37690116
428. Kadalayil L, Alam MZ, White CH, Ghantous A, Walton E, Gruzieva O, Merid SK, Kumar A, Roy RP, Solomon O, Huen K, Eskenazi B, Rzehak P, Grote V, Langhendries JP, Verduci E, Ferre N, Gruszfeld D, Gao L, Guan W, Zeng X, Schisterman EF, Dou JF, Bakulski KM, Feinberg JI, Soomro MH, Pesce G, Baiz N, Isaevska E, Plusquin M, Vafeiadi M, Roumeliotaki T, Langie SAS, Standaert A, Allard C, Perron P, Bouchard L, van Meel ER, Felix JF, Jaddoe VWV, Yousefi PD, Ramlau-Hansen CH, Relton CL, Tobi EW, Starling AP, Yang IV, Llambrich M, Santorelli G, Lepeule J, Salas LA, Bustamante M, Ewart SL, Zhang H, Karmaus W, Röder S, Zenclussen AC, Jin J, Nystad W, Page CM, Magnus M, Jima DD, Hoyo C, Maguire RL, Kvist T, Czamara D, Räikkönen K, Gong T, Ullemar V, Rifas-Shiman SL, Oken E, Almqvist C, Karlsson R, Lahti J, Murphy SK, Håberg SE, London S, Herberth G, Arshad H, Sunyer J, Grazuleviciene R, Dabelea D, Steegers-Theunissen RPM, Nohr EA, Sørensen TIA, Duijts L, Hivert MF, Nelen V, Popovic M, Kogevinas M, Nawrot TS, Herceg Z, Annesi-Maesano I, Fallin MD, Yeung E, Breton CV, Koletzko B, Holland N, Wiemels JL, Melén E, Sharp GC, Silver MJ, Rezwan FI, Holloway JW. [Analysis of DNA methylation at birth and in childhood reveals changes associated with season of birth and latitude](#). Clin Epigenetics. 2023 Sep 11;15(1):148. PMCID: PMC10496224
429. Laubach ZM, Bozack A, Aris IM, Slopen N, Tiemeier H, Hivert MF, Cardenas A, Perng W. [Maternal prenatal social experiences and offspring epigenetic aging from birth to mid-childhood](#). Ann Epidemiol. 2023 Oct 13;S1047-2797(23)00192-8. PMID: 37839726
430. Sherlock P, Mansolf M, Blackwell CK, Blair C, Cella D, Deoni S, Fry RC, Ganiban J, Gershon R, Herbstman JB, Lai JS, Leve LD, LeWinn KZ, Margolis AE, Miller EB, Neiderhiser JM, Oken E, O'Shea TM, Stanford JB, Zelazo PD, program collaborators for Environmental influences on Child Health Outcomes. [Life satisfaction for adolescents with developmental and behavioral disabilities during the COVID-19 pandemic](#). Pediatr Res. 2023 Oct 24; PMID: 37875726
431. Cohen NJ, Defina S, Rifas-Shiman SL, Faleschini S, Kirby RS, Chen H, Wilson R, Fryer K, Marroun HE, Cecil CAM, Hivert MF, Oken E, Tiemeier H, Alman AC. [Associations of prenatal maternal](#)

[depressive symptoms with cord blood glucocorticoids and child hair cortisol levels in the project viva and the generation R cohorts: a prospective cohort study.](#) BMC Pediatr. 2023 Oct 28;23(1):540. PMID: PMC10612353

432. Blackwell CK, Sherlock P, Jackson KL, Hofheimer JA, Cella D, Algermissen MA, Alshawabkeh AN, Avalos LA, Bastain T, Blair C, Bosquet Enlow M, Brennan PA, Breton C, Bush NR, Chandran A, Collazo S, Conradt E, Crowell SE, Deoni S, Elliott AJ, Frazier JA, Ganiban JM, Gold DR, Herbstman JB, Joseph C, Karagas MR, Lester B, Lasky-Su JA, Leve LD, LeWinn KZ, Mason WA, McGowan EC, McKee KS, Miller RL, Neiderhiser JM, O'Connor TG, Oken E, O'Shea TM, Pagliaccio D, Schmidt RJ, Singh AM, Stanford JB, Trasande L, Wright RJ, Duarte CS, Margolis AE. [Development and psychometric validation of the Pandemic-Related Traumatic Stress Scale for children and adults.](#) Psychol Assess. 2023 Nov;35(11):1054–1067. PMID: 37902671
433. Oken E, Rifas-Shiman SL, Joffe H, Manson JE, Spagnolo PA, Bertisch SM, Klerman EB, Chavarro JE. [Associations of adverse childhood and lifetime experiences with sleep quality and duration among women in midlife.](#) Sleep Health. 2023 Nov 1;S2352-7218(23)00205-X. PMID: 37923668
434. Bragg MG, Westlake M, Alshawabkeh AN, Bekelman TA, Camargo CA, Catellier DJ, Comstock SS, Dabelea D, Dunlop AL, Hedderson MM, Hockett CW, Karagas MR, Keenan K, Kelly NR, Kerver JM, MacKenzie D, Mahabir S, Maldonado LE, McCormack LA, Melough MM, Mueller NT, Nelson ME, O'Connor TG, Oken E, O'Shea TM, Switkowski KM, Sauder KA, Wright RJ, Wright RO, Zhang X, Zhu Y, Lyall K, program collaborators for Environmental influences on Child Health Outcomes. [Opportunities for Examining Child Health Impacts of Early-Life Nutrition in the ECHO Program: Maternal and Child Dietary Intake Data from Pregnancy to Adolescence.](#) Curr Dev Nutr. 2023 Nov;7(11):102019. PMID: PMC10681943
435. Smith AR, Lin PID, Rifas-Shiman SL, Switkowski KM, Fleisch AF, Wright RO, Coull B, Oken E, Hivert MF, Cardenas A. [Associations Between Prenatal Blood Metals and Vitamins and Cord Blood Peptide Hormone Concentrations.](#) Glob Reprod Health. 2023 Dec;7(6):e275. PMID: PMC11031200
436. Zhang M, Rifas-Shiman SL, Aris IM, Fleisch AF, Lin PID, Nichols AR, Oken E, Hivert MF. [Associations of Prenatal Per- and Polyfluoroalkyl Substance \(PFAS\) Exposures with Offspring Adiposity and Body Composition at 16-20 Years of Age: Project Viva.](#) Environ Health Perspect. 2023 Dec;131(12):127002. PMID: PMC10699168
437. Smith AR, Thilakaratne R, Lin PID, Rifas-Shiman SL, Hivert MF, Oken E, Cardenas A. [Infant Feeding Practices and Metal Concentrations in Children's Blood.](#) JAMA Netw Open. 2023 Dec 1;6(12):e2348230. PMID: 38109115
438. Choudhary P, Monasso GS, Karhunen V, Ronkainen J, Mancano G, Howe CG, Niu Z, Zeng X, Guan W, Dou J, Feinberg JI, Mordaunt C, Pesce G, Baiz N, Alfano R, Martens DS, Wang C,

Isaevska E, Keikkala E, Mustaniemi S, Thio CHL, Fraszczyk E, Tobi EW, Starling AP, Cosin-Tomas M, Urquiza J, Röder S, Hoang TT, Page C, Jima DD, House JS, Maguire RL, Ott R, Pawlow X, Sirignano L, Zillich L, Malmberg A, Rauschert S, Melton P, Gong T, Karlsson R, Fore R, Perng W, Laubach ZM, Czamara D, Sharp G, Breton CV, Schisterman E, Yeung E, Mumford SL, Fallin MD, LaSalle JM, Schmidt RJ, Bakulski KM, Annesi-Maesano I, Heude B, Nawrot TS, Plusquin M, Ghantous A, Herceg Z, Nisticò L, Vafeiadi M, Kogevinas M, Vääräsmäki M, Kajantie E, Snieder H, Corpeleijn E, Steegers-Theunissen RPM, Yang IV, Dabelea D, Fossati S, Zencclusen AC, Herberth G, Magnus M, Håberg SE, London SJ, Munthe-Kaas MC, Murphy SK, Hoyo C, Ziegler AG, Hummel S, Witt SH, Streit F, Frank J, Räikkönen K, Lahti J, Huang RC, Almqvist C, Hivert MF, Jaddoe VWV, Järvelin MR, Kantomaa M, Felix JF, Sebert S. [Maternal educational attainment in pregnancy and epigenome-wide DNA methylation changes in the offspring from birth until adolescence](#). Mol Psychiatry. 2023 Dec 5; PMID: 38052982

439. Shipp GM, Wosu AC, Knapp EA, Sauder KA, Dabelea D, Perng W, Zhu Y, Ferrara A, Dunlop AL, Deoni S, Gern J, Porucznik C, Aris IM, Karagas MR, Sathyanarayana S, O'Connor TG, Carroll KN, Wright RJ, Hockett CW, Johnson CC, Meeker JD, Cordero J, Paneth N, Comstock SS, Kerver JM, program collaborators for Environmental influences on Child Health Outcomes. [Maternal Pre-Pregnancy BMI, Breastfeeding, and Child BMI](#). Pediatrics. 2023 Dec 19;e2023061466. PMID: 38111349

440. Thilakarathne R, Lin PID, Rifas-Shiman SL, Landero J, Wright RO, Bellinger D, Oken E, Cardenas A. [Cross-sectional and prospective associations of early childhood circulating metals with early and mid-childhood cognition in the Project Viva cohort](#). Environ Res. 2023 Dec 27;246:118068. PMID: 38157961

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441. Nichols AR, Rifas-Shiman SL, Switkowski KM, Zhang M, Young JG, Hivert MF, Chavarro JE, Oken E. [History of Infertility and Midlife Cardiovascular Health in Female Individuals](#). JAMA Netw Open. 2024 Jan 2;7(1):e2350424. PMCID: PMC10770770

442. Nichols AR, Chavarro JE, Oken E. [Reproductive risk factors across the female lifecourse and later metabolic health](#). Cell Metab. 2024 Feb 6;36(2):240–262. PMID: 38280383

443. Nassikas NJ, Luttmann-Gibson H, Rifas-Shiman SL, Oken E, Gold DR, Rice MB. [Acute exposure to pollen and airway inflammation in adolescents](#). Pediatr Pulmonol. 2024 Feb 14; PMID: 38353177

444. Aris IM, Lin PID, Wu AJ, Dabelea D, Lester BM, Wright RJ, Karagas MR, Kerver JM, Dunlop AL, Joseph CLM, Camargo CA, Ganiban JM, Schmidt RJ, Strakovsky RS, McEvoy CT, Hipwell AE,

O'Shea TM, McCormack LA, Maldonado LE, Niu Z, Ferrara A, Zhu Y, Chehab RF, Kinsey EW, Bush NR, Nguyen RHN, Carroll KN, Barrett ES, Lyall K, Sims-Taylor LM, Trasande L, Biagini JM, Breton CV, Patti MA, Coull B, Amutah-Onukagha N, Hacker MR, James-Todd T, Oken E, program collaborators for Environmental influences on Child Health Outcomes, ECHO Components, Pb S, Lk N, Lp J, Dj C, G F, R G, D C, ECHO Awardees and Cohorts. [Birth Outcomes in Relation to Neighborhood Food Access and Individual Food Insecurity During Pregnancy in the Environmental influences on Child Health Outcomes \(ECHO\)-Wide Cohort Study](#). Am J Clin Nutr. 2024 Feb 29;S0002-9165(24)00168-0. PMID: 38431121

445. Bozack AK, Rifas-Shiman SL, Baccarelli AA, Wright RO, Gold DR, Oken E, Hivert MF, Cardenas A. [Associations of prenatal one-carbon metabolism nutrients and metals with epigenetic aging biomarkers at birth and in childhood in a US cohort](#). Aging (Albany NY). 2024 Feb 26;16(4):3107-3136. PMID: 38412256
446. Oken E, Musci RJ, Westlake M, Gachigi K, Aschner JL, Barnes KL, Bastain TM, Buss C, Camargo CA, Cordero JF, Dabelea D, Dunlop AL, Ghassabian A, Hipwell AE, Hockett CW, Karagas MR, Lugo-Candelas C, Margolis AE, O'Connor TG, Shuster CL, Straughen JK, Lyall K, program collaborators for Environmental influences on Child Health Outcomes. [Demographic and health characteristics associated with fish and n-3 fatty acid supplement intake during pregnancy: results from pregnancy cohorts in the ECHO program](#). Public Health Nutr. 2024 Feb 27;1-20. PMID: 38410088
447. Mlodnicka A, Mansolf M, Chandran A, Aris IM, Calub CA, Ahmad S, Shapiro A, Cochran D, Restrepo B, Schmidt R, Hertz-Picciotto I, Bennett D, Gold DR, O'Shea TM, Leve L, Schweitzer JB, program collaborators for Environmental influences on Child Health Outcomes\*. [Prediction of internalizing and externalizing symptoms in late childhood from attention-deficit/hyperactivity disorder symptoms in early childhood](#). Dev Psychopathol. 2024 Mar 27;1-10. PMID: 38532736
448. Burdeau JA, Stephenson BJK, Aris IM, Preston EV, Hivert MF, Oken E, Mahalingaiah S, Chavarro JE, Calafat AM, Rifas-Shiman SL, Zota AR, James-Todd T. [First trimester plasma PER- AND Polyfluoroalkyl Substances \(PFAS\) and blood pressure trajectories across the second and third trimesters of pregnancy](#). Environ Int. 2024 Apr 3;186:108628. PMID: 38583297
449. Switkowski KM, Kronsteiner-Gicevic S, Rifas-Shiman SL, Lightdale JR, Oken E. [Evaluation of the Prime Diet Quality Score from Early Childhood through Mid-Adolescence](#). J Nutr. 2024 Apr 11;S0022-3166(24)00217-7. PMID: 38614240
450. Whooten RC, Rifas-Shiman SL, Perng W, Chavarro JE, Taveras E, Oken E, Hivert MF. [Associations of Childhood Adiposity and Cardiometabolic Biomarkers With Adolescent PCOS](#). Pediatrics. 2024 Apr 18;153(5):e2023064894. PMCID: PMC11035160

451. Schrott R, Garrison-Desany H, Avalos L, Breton CV, Dabelea DM, Derefinko K, Dunlop A, Fang F, Gaylord A, Grant T, Hivert MF, Karagas MR, Knight AK, Lester B, Lyall K, McEvoy C, Nguyen R, Page G, Paquette A, Ruden D, Shorey-Kendrick LE, Smith AK, Spindel E, Volk HE, Ladd-Acosta C. [Prenatal opioid exposure and the early life epigenome: results from ECHO. Journal of Substance Use.](#) Taylor & Francis; 2024 May;0(0):1–8. doi: 10.1080/14659891.2024.2356569.
452. Zhang M, Perng W, Rifas-Shiman SL, Aris IM, Oken E, Hivert MF. [Metabolomic signatures for blood pressure from early to late adolescence: findings from a U.S. cohort.](#) *Metabolomics*. 2024 May 9;20(3):52. PMID: 38722414
453. Cho S, Rifas-Shiman SL, Harnois-Leblanc S, Aris IM, Oken E, Hivert MF. [Associations of Abnormal Maternal Glucose Regulation in Pregnancy with Offspring Adiposity, Insulin Resistance, and Adipokine Markers during Childhood and Adolescence.](#) *J Pediatr*. 2024 May 15;114:100. PMID: 38759779
454. Howe CM, Coull BA, Papatheodorou S, Luttmann-Gibson H, Rifas-Shiman SL, Wilson A, Kloog I, Di Q, Zanobetti A, Koutrakis P, Schwartz JD, Oken E, Gold DR. [Relative Humidity, Temperature, and Hypertensive Disorders of Pregnancy: Findings from the Project Viva Cohort.](#) *Environ Res*. 2024 May 21;119:211. PMID: 38782342
455. Mahabamunuge J, Wang S, Rifas-Shiman SL, Faleschini S, Fitz VW, Shifren J, Chavarro JE, Oken E, Hivert MF. [Associations of anti-Müllerian hormone levels among women in their mid-30s with menopausal symptoms ~14 years later.](#) *Menopause*. 2024 Jun 1;31(6):505–511. PMID: 38759779
456. Binter AC, Ghassabian A, Zou R, El Marroun H, Lertxundi A, Switkowski KM, Estarlich M, Rodríguez-Dehli AC, Esplugues A, Vrijkotte T, Sunyer J, Santa-Marina L, Fernández-Somoano A, Polanska K, McEachan RRC, Oken E, Tiemeier H, Guxens M. [Associations of gestational exposure to air pollution with maternal vitamin D levels: a meta-analysis.](#) *J Clin Endocrinol Metab*. 2024 Jun 13;dgae395. PMID: 38870315
457. Lyall K, Westlake M, Musci R, Gachigi K, Barrett ES, Bastain TM, Bush NR, Buss C, Camargo CA, Croen LA, Dabelea D, Dunlop AL, Elliott AJ, Ferrara A, Ghassabian A, Gern JE, Hare ME, Hertz-Picciotto I, Hipwell AE, Hockett CW, Karagas MR, Lugo-Candelas C, O'Connor TG, Schmidt RJ, Stanford JB, Straughen JK, Shuster CL, Wright RO, Wright RJ, Zhao Q, Oken E, program collaborators for Environmental influences on Child Health Outcomes, ECHO Components—Coordinating Center, Data Analysis Center, Person-Reported Outcomes Core, ECHO Awardees and Cohorts. [Association of Maternal Fish Consumption and Omega-3 Supplement Use During Pregnancy With Child Autism-Related Outcomes: Results from a Cohort Consortium Analysis.](#) *Am J Clin Nutr*. 2024 Jul 1;S0002-9165(24)00585–9. PMID: 38960320
458. Smith A, Lin PID, Rifas-Shiman SL, Fleisch AF, Wright RO, Coull B, Finn PW, Oken E, Gold DR, Cardenas A. [Prenatal blood metals, per- and polyfluoroalkyl substances and antigen- or mitogen-](#)

[stimulated cord blood lymphocyte proliferation and cytokine secretion](#). Environ Res. 2024 Jul 2;119555. PMID: 38964580

459. Perng W, Fitz VW, Salmon K, Hivert MF, Kazemi M, Rifas-Shiman SL, Shifren J, Oken E, Chavarro JE. [Prevalence and correlates of diagnosed and probable polycystic ovary syndrome \(PCOS\) in a cohort of parous women](#). Am J Epidemiol. 2024 Jul 3;kwae179. PMID: 38960722
460. Hernandez-Castro I, Rifas-Shiman SL, Lin PID, Chavarro JE, Gold DR, Zhang M, Mueller NT, James-Todd T, Coull B, Hivert MF, Oken E, Cardenas A. [First trimester prenatal metal mixtures, vitamins, and hypertensive disorders of pregnancy in the project viva cohort](#). Environ Int. 2024 Jul 25;190:108909. PMID: 39079333
461. Funatake CJ, Armendáriz M, Rauch S, Eskenazi B, Nomura Y, Hivert MF, Rifas-Shiman S, Oken E, Shiboski SC, Wojcicki JM. [Validation of Variables for Use in Pediatric Obesity Risk Score Development in Demographically and Racially Diverse US Cohorts](#). J Pediatr. 2024 Jul 31;114219. PMID: 39095010
462. Perng W, Galai N, Zhao Q, Litonjua A, Geiger S, Sauder KA, O'Shea TM, Hivert MF, Oken E, Dabelea D, Aris IM, ECHO Cohort Consortium. [Sociodemographic Correlates of High Cardiovascular Health Across Childhood and Adolescence: A Prospective Study Among 2 Cohorts in the ECHO Consortium](#). J Am Heart Assoc. 2024 Aug 6;13(15):e036279. PMID: 39082419
463. Finkel MA, Duong N, Hernandez A, Goldsmith J, Rifas-Shiman SL, Dumitriu D, Oken E, Shechter A, Woo Baidal JA. [Associations of Infant Sleep Characteristics with Childhood Cognitive Outcomes](#). J Dev Behav Pediatr. 2024 Aug 13; PMID: 39140879
464. Nutor C, Dickerson AS, Hsu T, Al-Jadiri A, Camargo CA, Schweitzer JB, Shuster CL, Karagas MR, Madan JC, Restrepo B, Schmidt RJ, Lugo-Candelas C, Neiderhiser J, Sathyanarayana S, Dunlop AL, Brennan PA, program collaborators for Environmental influences on Child Health Outcomes. [Examining the association between prenatal cannabis exposure and child autism traits: A multi-cohort investigation in the environmental influences on child health outcome program](#). Autism Res. 2024 Aug;17(8):1651–1664. PMCID: PMC11341247
465. Sidote MN, Bornkamp N, Rifas-Shiman SL, Hivert MF, Oken E, Nichols AR, Zhang M. [Hair cortisol concentrations are associated with greater adiposity in late adolescence amongst non-Hispanic White individuals](#). Pediatr Obes. 2024 Aug 19;e13164. PMID: 39160072
466. Burdeau JA, Stephenson BJK, Chavarro JE, Mahalingaiah S, Preston EV, Hivert MF, Oken E, Calafat AM, Rifas-Shiman SL, Zota AR, James-Todd T. [Early Pregnancy Plasma Per- and](#)

[Polyfluoroalkyl Substances \(PFAS\) and Maternal Midlife Adiposity](#). J Clin Endocrinol Metab. 2024 Sep 5;dgae542. PMID: 39235224

467. Switkowski KM, Oken E, Simonin EM, Nadeau KC, Rifas-Shiman SL, Lightdale JR. [Early-life risk factors for both infant colic and excessive crying without colic](#). Pediatr Res. 2024 Sep 6; PMID: 39242932
468. Aris IM, Wu AJ, Lin PID, Zhang M, Farid H, Hedderson MM, Zhu Y, Ferrara A, Chehab RF, Barrett ES, Carnell S, Camargo CA, Chu SH, Mirzakhani H, Kelly RS, Comstock SS, Strakovsky RS, O'Connor TG, Ganiban JM, Dunlop AL, Dabelea D, Breton CV, Bastain 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. [Neighborhood Food Access in Early Life and Trajectories of Child Body Mass Index and Obesity](#). JAMA Pediatr. 2024 Sep 16;e243459. PMCID: PMC11406455
469. Lin PID, Cardenas A, Rifas-Shiman SL, Zota AR, Hivert MF, Aris IM, Sanders AP. [Corrigendum to Non-essential and essential trace element mixtures and kidney function in early pregnancy - A cross-sectional analysis in project viva](#) [Environ. Res. 216P4 (2023) 114846]. Environ Res. 2024 Sep 17;262(Pt 1):120004. PMID: 39293267
470. Nichols AR, Aris I, Rifas-Shiman SL, Hivert MF, Chavarro JE, Oken E. [History of Pregnancy Loss and Risk for Higher Midlife Blood Pressure in Parous Females](#). J Womens Health (Larchmt). 2024 Oct 10; PMID: 39387223
471. Rifas-Shiman SL, Aris IM, Switkowski KM, Young J, Fleisch AF, Perng W, Chavarro JE, Cardenas A, Gold DR, Zhang M, James P, Whooten RC, Kleinman KP, Oken E, Hivert MF. [Cohort Profile Update: Project Viva Offspring](#). Int J Epidemiol. 2024 Oct 13;53(6):dyae162. PMCID: PMC11630542
472. Gordon CM, Fleisch AF, Hivert MF, Rokoff LB, Rifas-Shiman SL, Raphael JL, Oken E. [Associations of ethnicity, skin tone, and genome-wide sequencing with bone mineral density in adolescents](#). Pediatr Res. 2024 Oct 17; PMID: 39420153
473. Wang S, Yu EW, Hivert MF, Rifas-Shiman SL, Shifren JL, Kazemi M, Oken E, Chavarro JE. [Associations of AMH in mid-reproductive years with bone mineral density and turnover markers in mid-life](#). J Clin Endocrinol Metab. 2024 Oct 17;dgae694. PMID: 39418391
474. Zetlen HL, Rifas-Shiman SL, Gibson H, Oken E, Gold DR, Rice MB. [Long-Term Exposure to Nitrogen Dioxide and Ozone and Respiratory Health in Children](#). Ann Am Thorac Soc. 2024 Oct 29; PMID: 39471316

475. Price NF, Lin PID, Cardenas A, Rifas-Shiman SL, Zota AR, Hivert MF, Oken E, Aris IM, Sanders AP. [Prenatal metal exposures and kidney function in adolescence in Project Viva](#). Environ Health. 2024 Oct 30;23(1):94. PMID: PMC11526622
476. Vecchione R, Westlake M, Bragg MG, Rando J, Bennett DH, Croen LA, Dunlop AL, Ferrara A, Hedderson MM, Kerver JM, Lee BK, Lin PID, Hertz-Picciotto I, Schmidt RJ, Strakovsky RS, Lyall K. [Maternal Dietary Patterns During Pregnancy and Child Autism-Related Traits in the Environmental Influences on Child Health Outcomes Consortium](#). Nutrients. Multidisciplinary Digital Publishing Institute; 2024 Nov;16(22):3802.
477. Rokoff LB, Rifas-Shiman SL, Aris IM, Lin PID, Rosen CJ, Calafat AM, Gordon CM, Oken E, Fleisch AF. [Mid-Childhood Plasma Concentrations of Per- and Polyfluoroalkyl Substances, Modifiable Lifestyle Factors, and Bone Mineral Density Through Late Adolescence](#). Environ Sci Technol. 2024 Nov 12;58(45):19970–19980. PMID: PMC11562948
478. Wang S, Casey E, Sordillo J, Aguilar-Lacasaña S, Morales Berstein F, Biedrzycki RJ, Brescianini S, Chen S, Hough A, Isaevska E, Kim WJ, Lecorguillé M, Li SS, Page CM, Park J, Röder S, Salontaji K, Santorelli G, Sun Y, Won S, Zillich E, Zillich L, Annesi-Maesano I, Arshad SH, Bustamante M, Cecil CAM, Elliott HR, Ewart S, Felix JF, Gagliardi L, Håberg SE, Herberth G, Heude B, Holloway JW, Huels A, Karmaus W, Koppelman GH, London SJ, Mumford SL, Nisticò L, Popovic M, Rusconi F, Schisterman EF, Stein DJ, Send T, Tiemeier H, Vonk JM, Vrijheid M, Wiemels JL, Witt SH, Wright J, Yeung EH, Zar HJ, Zenclussen AC, Zhang H, Chavarro JE, Hivert MF. [Cesarean delivery and blood DNA methylation at birth and childhood: Meta-analysis in the Pregnancy and Childhood Epigenetics Consortium](#). Sci Adv. 2024 Nov 29;10(48):eadr2084. PMID: PMC1160120
479. Lin PID, Cardenas A, Rokoff LB, Rifas-Shiman SL, Zhang M, Botelho J, Calafat AM, Gold DR, Zota AR, James-Todd T, Hauser R, Webster TF, Oken E, Fleisch AF. [Associations of PFAS concentrations during pregnancy and midlife with bone health in midlife: Cross-sectional and prospective findings from Project Viva](#). Environ Int. 2024 Dec;194:109177. PMID: 39667063
480. Yi L, Harnois-Leblanc S, Rifas-Shiman SL, Suel E, Pescador Jimenez M, Lin PID, Hystad P, Hankey S, Zhang W, Hivert MF, Oken E, Aris IM, James P. [Satellite-Based and Street-View Green Space and Adiposity in US Children](#). JAMA Netw Open. 2024 Dec 2;7(12):e2449113. PMID: PMC11621986
481. Non AL, Li X, Jones MR, Oken E, Hartert T, Schoettler N, Gold DR, Ramratnam S, Schaubberger EM, Tantisira K, Bacharier LB, Conrad DJ, Carroll KN, Nkoy FL, Luttmann-Gibson H, Gilliland FD, Breton CV, Kattan M, Lemanske RF, Litonjua AA, McEvoy CT, Rivera-Spoljaric K, Rosas-Salazar C, Joseph CLM, Palmore M, Ryan PH, Wegienka G, Sitarik AR, Singh AM, Miller RL, Zoratti EM, Ownby D, Camargo CA, Aschner JL, Stroustrup A, Farzan SF, Karagas MR, Jackson DJ, Gern JE,

ECHO Cohort Consortium. [Comparison of Race-neutral Versus Race-specific Spirometry Equations for Evaluation of Child Asthma](#). Am J Respir Crit Care Med. 2024 Dec 6; PMID: 39642347

482. Aris IM, Rifas-Shiman SL, Perng W, Yi L, de Ferranti SD, Hivert MF, Oken E. [Trajectory of Cardiovascular Health Across Childhood and Adolescence](#). JAMA Cardiol. 2024 Dec 18; PMID: 39693062