

Project Viva Grant Funding

8/14/2024

Table 1a Project Viva funding – **Operational Grants that have funded Project Viva data collection**

Funder and Grant Number (Principal Investigator)	Years of funding	Study visits involved	Brief description of aims
NICHD R01 HD 034568 (Matthew Gillman)	1998-2004	Recruitment through infancy	Prenatal diet, birth outcomes, and infant cognition
March of Dimes Foundation (Janet Rich-Edwards)	1998-2005	Pregnancy and birth	Social factors, stress, and preterm birth
NHLBI R01 HL 075504 (Scott Weiss)	1998-2002	Pregnancy and birth	Prenatal diet and immune function at birth
NHLBI R01 HL 64925 (Matthew Gillman)	2000-2006	Pregnancy through early childhood	Prenatal nutrition and childhood asthma
NIMH R01 MH 068596 (Janet Rich-Edwards)	2003-2006	Pregnancy and postpartum	Predictors of prenatal and postpartum depression
NICHD R01 HD 034568 (Matthew Gillman)	2006-2010	Pregnancy through mid-childhood	Pre- and peri-natal predictors of childhood obesity
NHLBI R01 HD 064925 (Matthew Gillman)	2007-2011	Pregnancy through mid-childhood	Maternal vitamin D, adiposity, and childhood asthma
NIEHS R01 ES 016314 (Emily Oken)	2008-2012	Pregnancy through mid-childhood	Effects of prenatal diet and mercury exposure on child behavior and development
NCI U54 CA155626 (Project PI: Elsie Taveras)	2010-2015	Pregnancy through early teens	Sleep duration, childhood energy balance, and insulin resistance in adolescence
NICHD R37 HD 034568 (Matthew Gillman)	2012-2017	Pregnancy through early teens	Pre- and peri-natal predictors of obesity through early adolescence
NIAID R01 AI 102960 (Diane Gold, Emily Oken)	2013-2018	Pregnancy through early teens	Fetal and childhood environment, oxidative balance, inflammation and asthma
NIH OD UH3 OD023286 (MPIs: Emily Oken, Ken Kleinman)	2016-2023	Pregnancy through young adulthood	Common and distinct early environmental influences on cardiometabolic and respiratory health: Mechanisms and methods

NICHD R01 HD 034568 (Emily Oken)	2017-2022	Pregnancy through mid-teens	Pre- and peri-natal predictors of childhood obesity
NICHD R01HD096032 (MPIs: Emily Oken, Jorge Chavarro)	2019-2024	Pregnancy through perimenopause	A Lifecourse Approach to Women's Cardiometabolic and Bone Health: from Fertility to Perimenopause
NIA 1U54AG062322-01A1 (Emily Oken)	2020-2025	Pregnancy through perimenopause	Center for Stress and Neural Regulation of Reproductive Aging Health Outcomes: Physiologic and social stressors and health during the menopausal transition
NIEHS R24ES030894-01 (Emily Oken)	2020-2025	Young adulthood; paternal/additional parental cohort	Maintain and Enrich Resource Infrastructure for Project Viva: a pre-birth cohort with follow up into adolescence
NICHD R01 HD 034568 (MPIs: Emily Oken, Marie-France Hivert)	2022-2027	Pregnancy through young adulthood	Prenatal environmental determinants of health in young adulthood: a lifecourse approach

Table 1b: Ancillary Grants that have funded Project Viva assays or data analysis

Funder and Grant Number (Principal Investigator)	Years of funding	Study visits involved	Brief description of aims
CDC #200-95-0957 (Matthew Gillman)	1998-2005	Infancy and early childhood	Infant feeding and child growth
NIDCR R03 DE14004 (Waranuch Pitiphat)	2001-2005	Pregnancy and birth	Periodontitis, inflammation, and pregnancy outcomes
NIEHS P30 ES000002 (pilot) (Emily Oken)	2003-2004	Pregnancy, through early childhood	Prenatal fish consumption, mercury, and child cognition
NIDDK R21 DK 073739 (Janet Rich-Edwards)	2006-2008	Post-partum	Lactation and postpartum diabetic risk factors
NIDDK R21 DK 082661 (Susanna Huh)	2009-2011	Pregnancy through mid-childhood	Maternal-fetal vitamin D status and child adiposity, insulin resistance, and blood pressure.
NIMHD R01 MD 003963 (Elsie Taveras)	2008-2010	Pregnancy through mid-childhood	Racial/ethnic disparities in early life risk factors for childhood obesity
NICHD RC1 HD 063590 (Matthew Gillman)	2009-2011	Pregnancy through mid-childhood	Maternal diet, DNA methylation, & offspring adiposity
NICHD R01 HD 034568-0951 Administrative Supplement (Matthew Gillman)	2009-2010	Birth through mid-childhood	Cord blood hormones and child obesity
EPA RD83479801 (Project PI: Diane Gold)	2010-2015	Pregnancy through mid-childhood	Air pollution exposure and child growth, blood pressure, and cognition
NIEHS R01 ES21447 (Sharon Sagiv)	2012-2017	Pregnancy through mid-childhood	Prenatal Exposure to poly-fluoroalkyl chemicals (PFs), child growth and development
NINR R01 NR013945 (Andrea Baccarelli)	2013-2016	Pregnancy through mid-childhood	Novel epigenomic biomarkers, prenatal risk factors, and childhood obesity
NHLBI R01 HL111108 (Augusto Litonjua, Dawn DeMeo)	2013-2017	Pregnancy through mid-childhood	Early life DNA methylation and childhood allergic disease
NHLBI R01 HL129935 (Kelan Tantisira)	2015-2018	Pregnancy through mid-childhood	Disease and Health: Asthma resilience through MicroRNA attributes

EPA RD83479801 (Petros Koutrakis)	2015-2018	Pregnancy through mid-childhood	Prenatal air pollution exposure and child growth, blood pressure, and cognition
NICHHD R01 HD 093761 (Jorge Chavarro)	2018-2023	Pregnancy through mid-teens	Long-term health consequences of birth by caesarean section
NICHHD 3R01HD034568-17S2 (Karen Switkowski)	2019-2020	Pregnancy through early teens	Early vitamin D status and supplement use and later body composition and bone healthy
HSPH NIEHS Center 5P30ES000002-57 (Joanne Sordillo)	2019-2021	Pregnancy through early teens	Exposure to Air Pollutants and Upper Airway Microbial Communities in Project Viva, a Pre-Birth Cohort Study
NIEHS R01 ES030101 (Abby Fleisch)	2019-2024	Mid-childhood through mid-teens	Environmental Chemicals, Adiposity, and Bone Accrual across Adolescence
NIAID R56AI150864 (Joanne Sordillo)	2020-2021	Early childhood through early teens	The Home Mycobiome and Childhood Asthma
NIEHS 5R01ES025214-05 (Joseph Braun)	2020-2021	Pregnancy through early teens	Early life perfluoroalkyl substance exposure & obesity: Mechanisms & phenotyping
NIEHS R01ES031259 (Andres Cardenas)	2020-2025	Pregnancy through early teens	Prenatal and Postnatal Exposure to Environmental Mixtures: Neurodevelopment and DNA Methylation Biomarkers
NIEHS R01ES031054 (Kelly Brunst)	2020-2025	Pregnancy through early teens	Epigenetics, Air Pollution, and Childhood Mental Health
NIEHS R01ES031065 (MPIs: Tamarra James- Todd, Ami Zota)	2020-2025	Pregnancy through mid-teens	Per- and polyfluoroalkyl substances mixtures and maternal cardiovascular disease risk across the reproductive life course
NIH OD 5U2COD023375 (Izzuddin Aris)	2022-2023	Pregnancy through early teens	ECHO OIF: Neighborhood Opportunities and Disparities in Child Health Outcomes
NIEHS 2P42ES004705-34 (Martyn Smith, Andres Cardenas)	2022-2027	Pregnancy through early teens	Toxic Substances in the Environment

Table 1c: Career Development Grants

Funder and Grant Number (Principal Investigator)	Years of funding	Study visits involved	Brief description of aims
NHLBI K24 HL 068041 (Matthew Gillman)	2001-2011	Pregnancy through mid-childhood	Early life origins of cardiovascular disease
Pediatric Scientist Development Program (Susanna Huh)	2002-2005	Pregnancy through infancy	Maternal protein intake, fetal glucocorticoid exposure, and infant blood pressure
NHLBI R01 HL 64925 Minority Supplement (Elsie Taveras)	2003-2005	Infancy and early childhood	Early life factors and childhood asthma
NICHD K23 HD 044807 (Emily Oken)	2003-2008	Pregnancy, birth, and early childhood	Maternal fatty acids, birth weight, and child development
NIDDK T32 DK 081505 Student Supplement (Jenny Radesky)	2005-2006	Pregnancy through early childhood	Prenatal mercury and child development
NIDDK K23 DK083817 (Mandy Belfort)	2008-2013	Pregnancy through early childhood	Infant growth, childhood obesity-related health, and cognitive development
NICHD K24 HD069408 (Emily Oken)	2011-2016	Pregnancy through mid-childhood	Lifecourse effects on child cardiometabolic health
NIDDK K12 DK094721 (Abby Fleisch)	2013-2015	Pregnancy through mid-childhood	Air pollution exposure and endocrine outcomes
NIEHS K23 ES024803 (Abby Fleisch)	2015-2020	Pregnancy through mid-childhood	Air Pollution Exposure during Pregnancy, Maternal Glycemia, and Offspring Growth
NIH 3R01HD034568-17S1 (Carmen Monthe-Dreze)	2019-2022	Pregnancy through mid-teens	Pre- and Perinatal predictors of childhood obesity: Nutrition-Stress Interactions
NIDDK 1K23DK131322-01A1 (Rachel Whooten)	2022-2027	Pregnancy through mid-teens	Investigating the relationship of physical activity with insulin sensitivity, androgen concentrations, and PCOS risk among peripubertal females
NICHD 3R01HD096032-04S1 (Melissa Perez-Capotosto)	2023-2025	Pregnancy through mid-life	A lifecourse approach to women's mental health: from fertility to perimenopause

NICHD NIEHS R01ES024765 (Emily Oken, Izzuddin Aris)	2023-2025	Pregnancy through mid-life	Long-term prospective associations of PFAS with musculoskeletal and cardiovascular health among older adults
AHA 23CDA1050962 (Izzuddin Aris)	2023-2026	Pregnancy through mid-teens	Developmental origins of optimal cardiovascular health across childhood and adolescence

*NIAID – US National Institute of Allergy and Infectious Diseases; NICHD – US National Institutes of Child Health and Human Development; NIMH – US National Institutes of Mental Health; US NHLBI – National Heart, Lung, and Blood Institute; NIEHS - US National Institute of Environmental Health Sciences; NIDDK – US National Institute of Digestive Diseases, Diabetes, and Kidney Disorders; NIDCR – NIDCR National Institute of Dental and Craniofacial Research; NCI – US National Cancer Institute; NINR – US National Institute of Nursing Research; CDC – Centers for Disease Control and Prevention; EPA – Environmental Protection Agency