Project Viva Grant Funding 11/10/2025

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	Grant Title
NICHD	1998-2004	Recruitment	Pre- and Peri-natal Predictors of
R01 HD034568		through infancy	Childhood Obesity
(Matthew Gillman)	1000 200 2		a : 10
March of Dimes	1998-2005	Pregnancy and	Social factors, stress, and preterm
Foundation		birth	birth
(Janet Rich-Edwards)	1000 2002	- ·	
NHLBI	1998-2002	Pregnancy and	Maternal fatty acids, child
R01 HL075504		birth	obesity, and asthma immunity
(Scott Weiss, Matthew			
Gillman)			
NHLBI	2000-2006	Pregnancy through	Maternal vitamin D, adiposity in
R01 HL64925		early childhood	early life, and risk of childhood
(Matthew Gillman)	2002 2006		asthma
NIMH	2003-2006	Pregnancy and	Predictors of antenatal and
R01 MH068596		postpartum	postpartum depression
(Janet Rich-Edwards)	2006 2010	D 1 1	D 1D 1 1D 11 0
NICHD	2006-2010	Pregnancy through	Pre- and Peri-natal Predictors of
R01 HD034568		mid-childhood	Childhood Obesity
(Matthew Gillman)	2007 2011	D 1 1	
NHLBI Pol HBO (4027	2007-2011	Pregnancy through	Maternal vitamin D, adiposity in
R01 HD064925		mid-childhood	early life, and risk of childhood
(Matthew Gillman)	2000 2012	D (1 1	asthma
NIEHS	2008-2012	Pregnancy through	Effects of prenatal diet and
R01 ES016314		mid-childhood	mercury exposure on child
(Emily Oken) NCI	2010 2015	D	behavior and development
	2010-2015	Pregnancy through	Sleep Duration, Childhood
U54 CA155626		early teens	Energy Balance, and Insulin
(Project PI: Elsie Taveras)	2012 2017	Dragnangy through	Resistance in Adolescence Pre- and Peri-natal Predictors of
NICHD R37 HD034568	2012-2017	Pregnancy through	Childhood Obesity
(Matthew Gillman)		early teens	Cilifationa Obesity
NIAID	2013-2018	Pregnancy through	The Fetal and Childhood
R01 AI102960	2013-2016	early teens	Environment, Oxidative Balance,
(Diane Gold, Emily Oken)		carry teens	Inflammation and Asthma
NIH OD	2016-2023	Pregnancy through	Common and distinct early
UH3 OD023286	2010-2023	young adulthood	environmental influences on
(Emily Oken, Ken		young additiood	cardiometabolic and respiratory
(Lilling Oken, Ken			cardiometabone and respiratory

Kleinman)			health: Mechanisms and methods
NICHD	2017-2022	Pregnancy through	Pre- and Peri-natal Predictors of
R01 HD034568		mid-teens	Childhood Obesity
(Emily Oken)			
NICHD	2019-2024	Pregnancy through	A Lifecourse Approach to
R01 HD096032		perimenopause	Women's Cardiometabolic and
(Emily Oken, Jorge			Bone Health: from Fertility to
Chavarro)			Perimenopause
NIA	2020-2025	Pregnancy through	Physiologic and social stressors
U54 AG062322		perimenopause	and health during the menopausal
(Project PIs: Emily Oken,			transition - Center for Stress and
Jorge Chavarro)			Neural Regulation of
			Reproductive Aging Health
			Outcomes:
NIEHS	2020-2025	Young adulthood;	Maintain and Enrich Resource
R24 ES030894		paternal/additional	Infrastructure for Project Viva: a
(Emily Oken)		parental cohort	pre-birth cohort with follow up
			into adolescence
NICHD	2022-2027	Pregnancy through	Prenatal environmental
R01 HD034568		young adulthood	determinants of health in young
(Emily Oken, Marie-			adulthood: a lifecourse approach
France Hivert)			
NIA	2025-2030	Pregnancy through	Lifecourse stressors and
U54 AG062322		perimenopause	trajectories of neurocognitive
(Project PIs: Emily Oken,			health across the menopausal
Jorge Chavarro)			transition - Reproductive
			Outcomes of Stress and Aging
			Population Project

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

Funder and Grant Number (Principal Investigator)	Years of funding	Title
<u> </u>		
CDC	1998-2005	Infant feeding and child growth
#200-95-0957		c c
(Matthew Gillman)		
NIDCR	2001-2005	Periodontitis, inflammation, and pregnancy
R03 DE14004		outcomes
(Waranuch Pitiphat)		
NIEHS	2003-2004	Prenatal fish consumption, mercury, and child
P30 ES000002 (pilot)		cognition
(Emily Oken)		
NIDDK	2006-2008	Lactation and diabetes risk factors in women
R21 DK073739		
(Janet Rich-Edwards)		
NIDDK	2009-2011	Maternal-fetal vitamin D status and child
R21 DK082661		adiposity, insulin resistance, and blood
(Susanna Huh)		pressure.
NIMHD	2008-2010	Racial/ethical disparities in early life risk
R01 MD003963		factors for childhood obesity
(Elsie Taveras)		·
NICHD	2009-2011	Maternal diet, DNA methylation, & offspring
RC1 HD 063590		adiposity
(Matthew Gillman)		
NICHD	2009-2010	Cord blood hormones and child obesity
R01 HD034568-0951		
Administrative Supplement		
(Matthew Gillman)		
EPA	2010-2015	Air pollution exposure and child growth,
RD83479801		blood pressure, and cognition
(Project PI: Diane Gold)		
NIEHS	2012-2017	Prenatal Exposure to poly-fluoroalkyl
R01 ES21447		chemicals (PFCs), child growth and
(Sharon Sagiv)		development
NINR	2013-2016	Novel epigenomic biomarkers, prenatal risk
R01 NR013945		factors, and childhood obesity
(Andrea Baccarelli)		
NHLBI	2013-2017	Early life DNA methylation and childhood
R01 HL111108		allergic disease
(Augusto Litonjua, Dawn DeMeo)		
NHLBI	2015-2018	Disease and Health: Asthma resilience
R01 HL129935		through MicroRNA attributes
(Kelan Tantisira)		
EPA	2015-2018	Prenatal air pollution exposure and child
RD83479801		growth, blood pressure, and cognition
(Petros Koutrakis)		

NICHD	2018-2023	Long-term health consequences of birth by
R01 HD093761	2010 2020	caesarean section
(Jorge Chavarro)		
NICHD	2019-2020	Early vitamin D status and supplement use
R01 HD034568-17S2		and later body composition and bone healthy
(Karen Switkowski)		
HSPH NIEHS Center	2019-2021	Exposure to Air Pollutants and Upper Airway
5P30ES000002-57		Microbial Communities in Project Viva, a
(Joanne Sordillo)		Pre-Birth Cohort Study
NIEHS	2019-2024	Environmental Chemicals, Adiposity, and
R01 ES030101		Bone Accrual across Adolescence
(Abby Fleisch)		
NIAID	2020-2021	The Home Mycobiome and Childhood
R56 AI150864		Asthma
(Joanne Sordillo)		
NIEHS	2020-2021	Early life perfluoroalkyl substance exposure
R01 ES025214		& obesity: Mechanisms & phenotyping
(Joseph Braun)		
NIEHS	2020-2025	Prenatal and Postnatal Exposure to
R01ES031259		Environmental Mixtures: Neurodevelopment
(Andres Cardenas)		and DNA Methylation Biomarkers
NIEHS	2020-2025	Epigenetics, Air Pollution, and Childhood
R01ES031054		Mental Health
(Kelly Brunst)		
NIEHS	2020-2025	Per- and polyfluoroalkyl substances mixtures
R01ES031065		and maternal cardiovascular disease risk
(Tamarra James-Todd, Ami Zota)		across the reproductive life course
NIH OD	2022-2023	ECHO OIF: Neighborhood Opportunities and
5U2COD023375		Disparities in Child Health Outcomes
(Izzuddin Aris)		
NIEHS	2022-2027	Toxic Substances in the Environment
2P42ES004705-34		
(Martyn Smith, Andres Cardenas)		
HSPH NIEHS Center	2024-2025	Early life exposure to nephrotoxic mixtures
5P30ES000002-60		and kidney function in childhood and
(Izzuddin Aris)		adolescence
NIDDK	2025-2030	, 1 & , 1 ,
R01 DK141453		cardiometabolic risk across early life
(Gang Hu, Amanda Staiano, Wei		
Perng)	2025 2025	
HSPH Environmental Health	2025-2027	Early nutrition and immune programming
Innovation Fund		
(Emily Oken)		

Table 1c: Career Development Grants

Funder and Grant Number (Principal Investigator)	Years of funding	Title
(11merpar myesergator)	runung	
NHLBI	2001-2011	Early life origins of cardiovascular disease
K24 HL 068041		,
(Matthew Gillman)		
Pediatric Scientist Development	2002-2005	Maternal protein intake, fetal glucocorticoid
Program		exposure, and infant blood pressure
(Susanna Huh)		-
NHLBI R01 HL64925	2003-2005	Early life factors and childhood asthma
Minority Supplement		
(Elsie Taveras)		
NICHD	2003-2008	Maternal fatty acids, birth weight, and child
K23 HD044807		development
(Emily Oken)		
NIDDK	2005-2006	Prenatal mercury and child development
T32 DK081505		
Student Supplement		
(Jenny Radesky)		
NIDDK	2008-2013	Infant growth, childhood obesity-related
K23 DK083817		health, and cognitive development
(Mandy Belfort)		
NICHD	2011-2016	Lifecourse effects on child cardiometabolic
K24 HD069408		health
(Emily Oken)		
NIDDK	2013-2015	Air pollution exposure and endocrine
K12 DK094721		outcomes
(Abby Fleisch)		
NIEHS	2015-2020	Air Pollution Exposure during Pregnancy,
K23 ES024803		Maternal Glycemia, and Offspring Growth
(Abby Fleisch)	2010 2022	D 1D 1 1 1 1 0 1 1 1 1
NIH	2019-2022	Pre- and Perinatal predictors of childhood
R01HD034568-17S1		obesity: Nutrition-Stress Interactions
(Carmen Monthe-Dreze)	2022 2027	T (' (' 1 1 (' 1 ' 1 ' 1 ' 1
NIDDK	2022-2027	Investigating the relationship of physical
K23DK131322		activity with insulin sensitivity, androgen
(Rachel Whooten)		concentrations, and PCOS risk among
NIA	2023-2025	peripubertal females Climate related feature and health during the
NIA U54AG062322-04S2	2023-2023	Climate-related factors and health during the
(Diana Soria-Contreras)		menopausal transition
NICHD	2023-2025	A lifecourse approach to women's mental
R01HD096032-04S1	2023-2023	A lifecourse approach to women's mental health: from fertility to perimenopause
(Melissa Perez-Capotosto)		nearm. Irom fermity to permienopause
NICHD NIEHS	2023-2025	Long-term prospective associations of PFAS
R01 ES024765	2023-2023	with musculoskeletal and cardiovascular health
(Emily Oken, Izzuddin Aris)		among older adults
(Linny Okcii, izzuddiii Alis)		among order addits

ATTA	2022 2026	D 1 1
AHA	2023-2026	Developmental origins of optimal
23CDA1050962		cardiovascular health across childhood and
(Izzuddin Aris)		adolescence
NIEHS	2023-2025	Early life exposure to metal mixtures: impacts
F31ES034639		on asthma and lung development
(Ruwan Thilakaratne)		
ADA	2023-2026	Diet and type 2 diabetes prevention in children
7-23-PDFT2DY-03		and adolescents: strengthening evidence on the
(Soren Harnois-Leblanc)		impact of diet using modern causal inference
		methods in Project Viva Cohort
BWH ROSA	2023-2025	Neighborhood Vulnerability and Menopause
U54 AG062322 Scholar Award		and Cardiovascular Health in Midlife Women
(Izzuddin Aris)		in Project Viva

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

NHLBI – US 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 – US 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

AHA – American Heart Association

ADA – American Diabetes Association

SCORE - Specialized Centers of Research Excellence, co-funded by the US Office of Research on Women's Health and National Institute on Aging from 2020-2030

ROSA - The Brigham and Women's Hospital (BWH)/Harvard Medical School (HMS) Reproductive Outcomes of Stress and Aging SCORE