

CURRICULUM VITAE

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EDUCATION

<u>Date</u>	<u>Institution</u>	<u>Degree</u>
1996-2000	Lafayette College, Easton, PA	B.S., Biochemistry (<i>summa cum laude</i>)
2000-2004	Harvard University, Cambridge, MA	PhD, Biological Sciences in Public Health

POSTDOCTORAL TRAINING

<u>Date</u>	<u>Institution</u>	<u>Specialty</u>
2004-2006	Harvard School of Public Health, Boston, MA	Cancer Molecular Epidemiology and Epigenetics

CURRENT ADMINISTRATIVE APPOINTMENTS

<u>Date</u>	<u>Institution</u>	<u>Title</u>
2022-present	Rollins School of Public Health of Emory University	Executive Associate Dean for Faculty Affairs and Research Strategy
2018-current	Rollins School of Public Health of Emory University	Director, Training Program in the Environmental Health Sciences and Toxicology (T32)
2018-current	Rollins School of Public Health of Emory University	Director, HERCULES Exposome Research Center (P30)

CURRENT ACADEMIC APPOINTMENT

<u>Date</u>	<u>Institution</u>	<u>Title</u>
2021-present	Rollins School of Public Health of Emory University	Rollins Distinguished Professor
2016-present	Rollins School of Public Health of Emory University, Department of Environmental Health	Professor (<i>with tenure</i>)
2017-present	Rollins School of Public Health of Emory University, Department of Epidemiology	Professor (<i>with tenure</i>)

2016-present	Member, Cancer Prevention and Control Research Program, Emory University Winship Cancer Center	Member
2016-present	Geisel School of Medicine at Dartmouth, Department of Epidemiology	Adjunct Professor

PREVIOUS ADMINISTRATIVE APPOINTMENTS

<u>Date</u>	<u>Institution</u>	<u>Title</u>
2013-2016	Dartmouth Hitchcock Norris Cotton Comprehensive Cancer Center	Director, Program in Cancer Epidemiology
2015-2016	Geisel School of Medicine	Co-Director, Burroughs Wellcome Training Program Bridging Laboratory and Population Sciences
2015-2016	Geisel School of Medicine	Director, Graduate Program in the Quantitative Biomedical Sciences
2019-2021	Rollins School of Public Health of Emory University	Co-Director, Emory-Georgia Clean Air Research and Education (CARE) Program
2019-2022	Rollins School of Public Health of Emory University	Associate Dean for Research
2021-2022	Rollins School of Public Health of Emory University	Interim Associate Dean for Faculty Affairs

PREVIOUS ACADEMIC APPOINTMENTS

<u>Date</u>	<u>Institution</u>	<u>Title</u>
2004-2005	Harvard School of Public Health, Department of Genetics and Complex Diseases, Boston, MA	NIH/NIEHS Postdoctoral Fellow
2005-2006	Harvard School of Public Health, Department of Genetics and Complex Diseases, Boston, MA	Research Associate
2007-2011	Brown University, Department of Pathology and Laboratory Medicine, Providence, RI	Assistant Professor
2010-2011	Brown University, Department of Community Health, Center for Environmental Health and Technology, Brown University, Providence, RI	Assistant Professor
2011-2012	Geisel School of Medicine at Dartmouth, Departments of Pharmacology and Toxicology, and of Community and Family Medicine, Section of Epidemiology and Biostatistics	Assistant Professor

2011-2019	Women and Infants Hospital of Rhode Island, Department of Pediatrics	Affiliated Health Professional
2012-2016	Geisel School of Medicine at Dartmouth, Departments of Pharmacology and Toxicology, and of Epidemiology	Associate Professor

AWARDS AND HONORS

<u>DATES</u>	<u>AWARD AND INSTITUTION</u>
2000	American Institute of Chemists Award, Lafayette College Department of Chemistry
2000	Phi Lambda Upsilon, Honors Society in Chemistry, Lafayette College
2000-2004	Pre-doctoral Training Fellowship in Radiobiology, National Institute of Environmental Health Sciences, Harvard School of Public Health
2002	Pathobiology of Cancer Fellowship, American Association for Cancer Research
2004	AACR-AFLAC Scholar in Training Award, American Association for Cancer Research
2005	AACR-AstraZeneca Scholar in Training Award, American Association for Cancer Research
2010	Featured in Science Magazine's ScienceCareers website to coincide with their special issue on Epigenetics, Oct 29, 2010, 10.1126/science.caredit.a1000105
2011	National Institute of Mental Health, Biobehavioral Research Award for Innovative New Scientists (BRAINS)
2013	Dartmouth-Hitchcock Norris Cotton Cancer Center Award for Excellence 2012
2020	Emory University, <i>Millipub Club</i>
2021	Emory University, Rollins Distinguished Professor
2024	Academic Public Health Leadership Institute

SERVICE AND LEADERSHIP ROLES**International Committees:**

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2025	Review Group for the Epigenomics and Mechanisms Branch	External Reviewer	International Agency for Research on Cancer

National Committees/Workgroups:

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2019-present	Research Section	Member	Association of Schools and

			Programs of Public Health
2020-2022	NIEHS Environmental Health Sciences Vocabulary Effort	Advisor, Use Case Champion	NIH
2022	NIEHS Exposome Working Group	Member	NIH
2022-2023	NASEM Workshop on the <i>Potential Contribution of Cancer Genomics to Community Investigations of Unusual Patterns of Cancer</i>	Workshop Committee and Session Moderator	NASEM/US CDC
2022-2023	NASEM Standing Committee on the Use of Emerging Science for Environmental Health Decisions	Committee Member	NASEM/NIEHS
2023	NASEM Workshop Committee on <i>Advances in Multimodal Artificial Intelligence to Enhance Environmental and Biomedical Data Integration</i>	Chair	NASEM/NIEHS
2024-2025	NASEM Committee to Review the <i>Texas Commission on Environmental Quality's Ethylene Oxide Development Support Document</i>	Committee Member	NASEM
2024-present	NIH/NHGRI, Multi-Omics for Health and Disease Consortium Program	External Advisory Board Member, Chair (2024 fall meeting)	NIH/NHGRI

University Academic or Research Advisory Committees:

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2016-2025	Environmental Health Disparities Research Center (MADRES) External Advisory Committee	Chair	University of Southern California
2016-2018	COBRE Center for Molecular Epidemiology External Advisory Committee	Member	Geisel School of Medicine at Dartmouth

2017-present	Columbia University NIEHS P30 Center External Advisory Committee	Member	Columbia University
2018-present	University of Kentucky Superfund Research Program External Advisory Committee	Chair	University of Kentucky
2021-present	University of North Carolina-Chapel Hill T32 in Biostatistics and Environmental Health	Member	UNC-Chapel Hill
2023-present	University of North Carolina-Chapel Hill P30 Environmental Health Center	Member	UNC-Chapel Hill
2024-present	Columbia University Mailman School of Public Health T32 Training Program Advisory Committee	Member	Columbia University
2024	Boston University School of Public Health, Department of Environmental Health External Review	Member	Boston University
2025	University of Cincinnati, Department of Environmental & Public Health Sciences	Member	University of Cincinnati

Research Program Committees:

2011-2022	Maternal Exposures Working Group, Genomics Task Force	Working Group Member & Epigenetics Project Leader	Pediatric HIV/AIDS Cohort Study – Tulane & Harvard Universities
2014-2017	NIEHS/EPA Children's Environmental Health Centers Epigenetics Working Group	Member	NIH/NIEHS, US EPA
2017-2020	NIEHS/EPA Children's Environmental Health Centers Epigenetics Working Group	Chair	NIH/NIEHS, US EPA
2016-2023	NIH ECHO Steering Committee	Member	NIH
2016-2023	NIH ECHO Publications Committee	Associate Chair	NIH
2016-2020	NIH ECHO Biospecimens Group	Member	NIH

2016-2023	NIH ECHO Perinatal, Prenatal, Postnatal Working Group	Member	NIH
2017-2023	NIH ECHO Genetics and Epigenetics Working Group	Member, Epigenetics Lead	NIH
2018-2019	NIH ECHO Conflict of Interest Task Force	Chair	NIH
2019-2020	NIH ECHO Ancillary Studies Task Force	Member	NIH

Grant Peer Review Committees:

<u>Dates</u>	<u>Committee</u>	<u>Role</u>	<u>Institution</u>
2006-2010	Epidemiology Review Panel	Grant Study Section Member	Flight Attendants Medical Research Institute
2010	Young Investigator Travel Award Selection Panel	Panel Member	International Bladder Cancer Consortium
2011	Special Emphasis Panel, Epigenomics of Neurodevelopment	Study Section Member	NIH/NIMH
2012	Special Emphasis Panel: Translational Research in Pediatric and Obstetric Pharmacology RFA	Study Section Member	NIH/NICHD
2013	NIH Director's Transformative Research Initiative	Mail Reviewer	NIH/CSR
2013	Special Emphasis Panel: Member Conflict Obesity, Asthma, and Reproductive Epidemiology	Study Section Member	NIH/CSR
2014	Asthma, Allergy, Autoimmune and Sinusitis Panel	Study Section Member	Flight Attendants Medical Research Institute
2014	Special Emphasis Panel: Basic and Applied Biomedical Research on Minority Health and Health Disparities	Study Section Member	NIH/NIMHD
2014-2016	Special Emphasis Panel: Mechanistic Insights in Birth Cohorts	Ad hoc Member	NIH/CSR

2014	Kidney, Nephrology, Obesity and Diabetes Epidemiology Study Section	Ad Hoc Member	NIH/CSR
2015	Infectious, Reproductive, Asthma and Pulmonary Conditions Study Section	Ad Hoc Member	NIH/CSR
2015	NIAAA P60 Reverse Site Visit Committee	Ad Hoc Member	NIH/NIAAA
June 2016	NIEHS Outstanding New Investigator in the Environmental Health Sciences (ONES)	Ad Hoc Member	NIH/NIEHS
July 2016	U24 Applications, Molecular Transducers of Physical Activity Genomics, Epigenomics, and Transcriptomics Chemical Analysis Sites	Ad Hoc Member	NIH/CSR
Oct 2016-2020	Infectious, Reproductive, Asthma and Pulmonary Conditions (IRAP)	Standing Member	NIH/CSR
Feb 2018	ECHO Opportunities and Infrastructure Pilot Awards	Ad Hoc Member	NIH/ECHO
March 2018	PAR Panel: Social Epigenomics Research Focused on Minority Health and Health Disparities	Ad Hoc Member	NIH/CSR
November 2018	RIVER Program Review Panel	Ad Hoc Member	NIH/NIEHS
November 2019	NIEHS Board of Scientific Counselors Review	Ad Hoc Reviewer	NIH/NIEHS
November 2020	RIVER Program Review Panel	Ad Hoc Member	NIH/NIEHS
November 2021	NIEHS Mentored Career Award (K01, K23, K99) Review Panel	Ad Hoc Member	NIH/NIEHS
February 2023	Neurological, Mental and Behavioral Health (NMB)	Ad Hoc Member	NIH/CSR

Conference Committees:

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
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2009	Epigenetics and Toxicology Session	Co-Chair	Superfund Research Program Annual Meeting, New York, NY
2013	Symposium: Prenatal Environment, Epigenetic Mechanisms and the Developmental Origins of Health and Disease	Chair	International Society for Environmental Epidemiology Annual Meeting
2013	Educational Session: New Approaches in Molecular Epidemiology	Chair	American Association for Research on Cancer Annual Meeting
2015	Symposium: Research Considerations in Epigenetic Epidemiology Studies	Session Chair	Society for Epidemiologic Research Annual Meeting
2015	NIEHS/EPA Children's Environmental Health Centers, Pediatric Environmental Health Specialty Units Joint Meeting Planning Committee	Member	NIH/NIEHS, US EPA
2016	Central and Eastern European Conference on Health and the Environment	Session Chair	University of Kentucky SRP and Institute of Environmental Medicine, Czech Republic
2016	International Society for Environmental Epidemiology Annual Meeting	Poster Judge	International Society for Environmental Epidemiology, Rome, Italy
2019	NIEHS EHSCC Annual Meeting Planning Committee	Member	NIH
2021	NIEHS EHSCC Annual Meeting Planning Committee	Member, Chair Climate Change Research Panel	NIH
2021	International Society for Environmental Epidemiology Annual Meeting	Poster Discussant Chair	International Society for Environmental Epidemiology (virtual)
2024	International Society for Environmental Epidemiology Annual Meeting	Session Chair	International Society for Environmental Epidemiology Annual Meeting

2025	International Society for Environmental Epidemiology/International Society for Exposure Science Joint Annual Meeting	Scientific Organizing Committee, Chair Sub-committee on Workshops	International Society for Environmental Epidemiology/International Society for Exposure Science Joint Annual Meeting
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Institutional Committees:

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2007-2009	Search Committee, Assistant/Associate Professor	Member	Brown University
2008-2009	Pathobiology Seminar Series	Chair	Brown University
2008-2010	Admissions Committee, Pathobiology Graduate Program	Chair and Member	Brown University
2009-2011	Search Committee, Staff Neonatologist/Open Rank	Member	Brown University/Women and Infants Hospital
2010-2011	Search Committee, Senior-rank Professor in Epidemiology	Member	Brown University
2011	Shared Resources Review	Member	Dartmouth Norris Cotton Cancer Center
2011-201	Dartmouth Children's Environmental Health and Disease Prevention Center	Member	Geisel School of Medicine at Dartmouth
2011-2016	Internal Advising Committee, COBRE for Molecular Epidemiology	Member	Geisel School of Medicine at Dartmouth
2012-2015	Integrative Biology Committee	Member	Geisel School of Medicine at Dartmouth
2013-2016	Graduate Education Committee - PEMM	Member	Geisel School of Medicine at Dartmouth
2013-2016	Cancer Center Research Committee	Member/Program Director	Norris Cotton Cancer Center

2014-2016	Faculty Council	Pharmacology/Toxicology Representative	Geisel School of Medicine at Dartmouth
2014-2015	Synergy Research Design and Epidemiology Core Steering Committee	Member	Geisel School of Medicine at Dartmouth
2015	Integrated Biology Symposium	Chair, 8 th Annual Symposium	Geisel School of Medicine at Dartmouth
2015	Search Committee for Assistant Professor in Epidemiology	Member	Geisel School of Medicine at Dartmouth
2015	QBS PhD Program Admissions Committee	Member	Geisel School of Medicine at Dartmouth
2015	Norris Cotton Cancer Center Space Utilization Committee	Member	Norris Cotton Comprehensive Cancer Center
2015-2016	QBS PhD Program Steering Committee	Member	Geisel School of Medicine at Dartmouth
2016-2018	Research Administration Task Force	Member	Emory University
2017-2018	Research Administration Strategic Advisory Board	Member	Emory University
2018-present	Search Committee, Gangarosa Department of Environmental Health	Member	Emory University, Rollins School of Public Health
2019-2019	Search Committee, Director of Biostatistics and Bioinformatics Core Resource	Member	Winship Cancer Institute, Emory University
2020	Search Committee, Gangarosa Chair of Department of Environmental Health	Member	Emory University, Rollins School of Public Health
2020-present	Training and Education Steering Committee	Member	Winship Cancer Institute, Emory University

2020-2022	Appointment, Promotion, and Tenure Committee	Departmental Representative	Emory University, Rollins School of Public Health
2022-2023	AI & Data Science Task Force	Member	Emory University, Winship Cancer Institute
2023	Strategic Planning Research Subcommittee	Ex-officio	Emory University, Rollins School of Public Health
2022-2023	Faculty Mentoring Working Group	Convener, Chair	Emory University, Rollins School of Public Health
2019-present	SVPR Research Council	RSPH Representative	Emory University, Office of Research Administration
2021-present	Risk Management – Research Working Group	Member	Emory University
2021-present	Council of Associate Deans	RSPH Representative	Emory University – Office of the Provost
2023-2025	Abusive Conduct Policy Working Group	Faculty Affairs Representative	Emory University – Office of the Provost
2023-2024	Emory AI/ChatGPT Workgroup	Member	Emory University, Office of Research Administration
2024-2025	Search Committee, Chair of the Department of Gynecology and Obstetrics	Member	Emory University, School of Medicine
2024-present	Insight Grants Management System Implementation Task Force	Faculty Advisory	Emory University
2025	Emory Office of Research Administration Restructuring	Faculty Advisory Committee	Emory University
2025-present	Emory Travel Registry Planning Group	Faculty Representative	Emory University

2025	Associate Dean for Educational Initiatives Search Committee	Chair	Emory University, Rollins School of Public Health
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ACADEMIC LEADERSHIP PRESENTATIONS

<u>DATE</u>	<u>PRESENTATION</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
2022	Diversity, Equity, Inclusion, and Justice in Research	Association of Schools and Programs of Public Health, Sections Retreat	Washington, DC
2023	Program Development and Administrative Structures to Consider when Incentivizing Research	Association of Schools and Programs of Public Health, Annual Meeting	Washington, DC
2024	Research Incentives and Funding Gaps	Association of Schools and Programs of Public Health, Sections Retreat	Boston, MA
2025	Microplastics and Children's Brains	Society for Environmental Journalism	Phoenix, AZ
2025	Current Challenges and Institutional Realities & Potential Strategic Solutions: Best Practices, Proactive Strategies, and Successful Institutional Responses	Association of Schools and Programs of Public Health, Sections Retreat	Park City, Utah
2025	Partnering to Address Current Challenges in Research and Finance & Administration (Joint Session for Research and Finance & Administration Section Members.)	Association of Schools and Programs of Public Health, Sections Retreat	Park City, Utah

RESEARCH**RESEARCH FUNDING****CURRENT:**

<u>Dates</u>	<u>Project Title/Number</u>	<u>Role/ %Effort</u>	<u>Sponsor</u>	<u>Annual Direct Costs</u>
07/01/2018- 06/31/2029	T32ES012870 Training Program in the Environmental Health Sciences and Toxicology	PI 10% Effort	NIH-NIEHS	\$829,572
04/01/2017- 03/31/2027	P30ES019776 HERCULES: Health and Exposome Research Center at Emory	PI 20% Effort	NIH-NIEHS	\$1,000,000
12/01/2022- 11/30/2027	U24ES028507 Enriching the Rhode Island Child Health Study	PI 2.5% Effort	NIH-NIEHS	\$250,000
12/01/2021- 11/30/2026	P2CES033430 Center for Children's Health Assessment, Research Translation, and Combating Environmental Risk (CHARTER)	Co-I, Director Development Core, 5% Effort (Linda McCauley, Emory, PI)	NIH-NIEHS	\$500,000
05/01/2023- 04/30/2028	R01 HD108310 Characterizing the functional genomic atlas of human placenta and unveiling the prenatal programming of early-life development	mPI 15% Effort	NIH- NICHD/NIEHS	\$500,000
06/01/2023- 05/31/2028	R01 DA056787 Placental Genomics in the Developmental Consequences of Marijuana Use in Pregnancy	mPI, 15% Effort	NIH-NIDA	\$500,000
1/17/2024- 12/31/2026	R01 ES035691 Chemical Disruption of the Placental Circadian Clock	Co-I, 10% effort	NIH-NIEHS	\$150,000 (sub directs)

PAST:

<u>Dates</u>	<u>Project Title/Number</u>	<u>Role/ %Effort</u>	<u>Sponsor</u>	<u>Annual Direct Costs</u>
04/01/05- 03/31/06	P50 CA093683 Patterns of Epigenetic Inactivation in Non- Melanoma Skin Cancer	Co- I 25% Effort (PI-Heather Nelson, PhD)	NIH/NCI Harvard Skin Spore Development Project	\$50,000
07/01/06- 06/30/11	YCSA 052341 Role of SHS on Somatic Alterations in Bladder Cancer	PI 30% Effort	Flight Attendants Medical Research Institute Young Clinical Scientist	\$100,000

09/01/07-02/28/12	R01 CA121147 The Molecular Epidemiology of Bladder Cancer	Co-I 10% Effort (PI- Karl Kelsey, MD, MOH, Brown University)	NIH/NCI	\$250,000
01/01/08-04/04/08	P20RR016457 RI-INBRE Pilot Project: Profile of miRNA expression alterations by endocrine disrupting toxicants	Pilot Project PI 5% Effort	NIH/NCRR University of Rhode Island Subaward RI-INBRE for Molecular Toxicology	\$15,000
01/01/08-12/31/08	0548311 ADVANCE Career Development Award: Creating Opportunities for Collaboration and Scientific Discussion	Development Award PI No Effort	NSF-HRD ADVANCE Institutional Transformation Award	\$13,000
01/01/08-12/31/09	Array Based miRNA Expression and Methylation Profiling of Normal and Tumorigenic Pleural Mesothelium	PI 10% Effort	Mesothelioma Applied Research Foundation (MARF)	\$50,000
08/15/08-07/31/11	P20 RR018728 COBRE for Perinatal Biology: Epigenetic alterations as markers of the intrauterine environment	Project 4 PI 33% Effort	NIH/NCRR Women and Infants Hospital Subcontract	\$160,000 Project Direct Costs
02/15/09-02/15/10	Epigenetic Effect of Oxygen Tension During Embryo Culture In Assisted Reproduction	PI No effort (mPI, Jared Robbins, MD)	Rhode Island Foundation Medical Research Grant	\$15,000
04/01/09-08/31/11	P42 ES013660 Superfund Research Program: Environment, Genetics and Epigenetics in a R.I. Birth Cohort	Project 8 PI 20% Effort	NIH/NIEHS	\$185,000 Project Direct Costs
04/01/09-08/31/11	R01 CA100679 Patterns of Somatic Gene Alterations in Oral Cancer	CO-I 5% Effort (PI – Karl Kelsey, MD, MOH, Brown University)	NIH/NCI	\$250,000
09/01/09-08/31/11	P42 ES013660 Superfund Research Program: Environment, Genetics and	Project 8 PI 5% Effort	NIH/NIEHS (ARRA Supplement)	\$75,000

	Epigenetics in a R.I. Birth Cohort			
07/01/10-08/31/11	HHSN267200700032C National Children's Study – Pilot Project 8: Examination of miRNA in Placenta Samples	Pilot Project PI 20% Effort	NIH/NICHD	\$104,000
04/08/2011-03/31/2013	R21 MH091508 Childhood Maltreatment: Epigenetic Modulation of the Glucocorticoid Receptor	Co-I 10% Effort	NIH/NIMH Butler Hospital Subcontract	\$32,200
01/01/2013-12/31/2013	Hopeman Award Identification of Accessible Biomarkers of Bladder Cancer	PI	Norris Cotton Cancer Center	\$100,000
3/19/2013-1/31/2015	R01ES019202-03S1 Urinary Cadmium and risk of breast cancer VICTER Supplement	Subcontract PI 5% Effort (PI-Jaymie Meliker, PhD, SUNY Stonybrook)	NIH/NIEHS SUNY Stonybrook Subcontract	\$100,000 subcontract
4/1/2013-3/31/2018	P20 GM104416 COBRE Center for Molecular Epidemiology: Biorepository Core	Core Co- Director, Mentor 5% Effort (PI- Margaret Karagas, PhD Dartmouth)	NIH/NIGMS	\$1,400,000
08/15/2011-04/30/2016	R01 DA031188 Maternal Smoking: HPA and Epigenetic Pathways in Infant Neurobehavioral Deficits	Subcontract PI 5% Effort (PI-Laura Stroud, PhD, Miriam)	NIH/NIDA Miriam Hospital Subcontract	\$50,000 subcontract
2/1/2015-5/31/2016	Burroughs Wellcome Institutional Program Unifying Population and Laboratory Sciences: Big Data in the Life Sciences Training Program	PI 10% Effort (Michael Whitfield, mPI)	Burroughs Wellcome Foundation	\$500,000
09/01/2011-06/30/2017	R01 MH094609 Epigenetics in Neurodevelopment and Mental Health	PI 30% Effort	NIH/NIMH	\$400,000
07/01/2016-06/30/2018	R01HD084515 Epigenetic Predictors of Impairment in Very Preterm Infants	PI 5% Effort (Barry Lester, Women and Infants, mPI)	NIH-NICHD	\$200,000

6/1/2013- 5/31/2018	P01 ES022832 Children's Environmental Health and Disease Prevention Center Project 3: Placental Biomarkers of Exposure and Outcome	Project PI 20% Effort	NIH/NIEHS	\$1,000,000
9/1/2013- 4/30/2019	R01 ES022223 Environment, Imprinting, and Neurodevelopment	PI 20% Effort (Jia Chen, Mt. Sinai, mPI)	NIH/NIEHS	\$500,000
7/10/2015- 04/30/2016	R01 ES022223- 03S1 Environment, Imprinting, and Neurodevelopment – Supplement	PI (Jia Chen, Mt. Sinai, mPI)	NIH/NIEHS	\$441,147
07/01/2017- 06/30/2019	R21ES028226 Environmental influences and function of cytosine modification in human placenta	PI 10% Effort	NIH-NIEHS	\$150,000
8/1/2015- 7/31/2020	U01 HD052104 Coordinating Center for the Pediatric HIV/AIDS Cohort Study	Subcontract PI 5% Effort (PI-Russell Van Dyke, MD, Tulane University)	NIH/NICHD Tulane University Subcontract	\$12,000 subcontract
6/01/2016- 09/31/2020	R01 ES025145-01A1 Investigating MicroRNA, Environmental Exposures and Newborn Outcomes	PI 20% Effort (Devin Koestler, UKMC, mPI)	NIH/NIEHS	\$446,000
07/01/2019- 06/30/2024	D43ES030927-01 Emory-Georgia Clean Air Research & Education (CARE) Program	mPI 1.5% Effort (Mike Caudle, Emory, Carla Berg, GWU, mPI)	NIH- NIEHS/Fogarty	\$230,000
04/01/2018- 03/30/2024 (NCE)	R01ES029212 Placental Functional Networks Linking Developmental Pesticide Exposure and Offspring Neurodevelopment	mPI 15% Effort (Jia Chen, Ke Hao, Mount Sinai; Michael Caudle, Emory, mPIs)	NIH-NIEHS	\$400,000
08/01/2019- 07/31/2022	R01DA044504 Prenatal Marijuana: Impact on Infant Neurobehavior, Stress, & Epigenetic Mechanisms	Co-I 5% Effort (Laura Stroud, Miriam Hospital, PI)	NIH-NIDA	\$185,000

7/27/2017- 2/28/2024	R01MD011698 Influence of prenatal psychosocial stressors on maternal and fetal circulating miRNAs	PI 15% Effort (Carrie Breton, University of Southern California, mPI)	NIH-NIMHD	\$495,000
09/01/2016- 08/31/2024	UH3OD023347 ECHO Environmental Influences on Neurodevelopmental Outcome in Infant Born Very Preterm	PI 15% Effort (Barry Lester, Brown Center for Children, mPI)	NIH	\$2,870,000
08/01/2016- 06/30/2025	R01HD084515 Epigenetic Markers, Trajectories and Predictors of Neurodevelopment in Childhood among Infants Born Very Preterm	Co-I 5% Effort (Todd Everson, Emory University, Barry Lester, Women and Infants Hospital, mPI)	NIH-NICHD	\$495,000

PENDING:

<u>Dates</u>	<u>Project Title/Number</u>	<u>Role/%Effort</u>	<u>Sponsor</u>	<u>Annual Direct Costs</u>
09/01/2025- 08/31/2028	ASDI Initiative: Autism and the Exposome in Infants Born Very Preterm	mPI 10% Effort (mPI Barry Lester, Women and Infants Hospital)	NIH-Office of the Director	\$752,805
09/01/2025- 08/31/2030	Adolescent Outcomes in Infants Born Very Preterm: An Exposome Approach	mPI 10% Effort (mPI Barry Lester, Women and Infants Hospital)	NIH-NICHD	\$827,710

BIBLIOGRAPHY

Bibliographic Metrics:

H-index (Google Scholar) : 97

Total Citations (Google Scholar) : 32,803

Average Relative Citation Ratio : 2.42

H-index (Scopus) : 79

Total Publications (manuscripts): 401

Peer Reviewed Original Articles:

(* indicates student authors)

1. Young BA, Meltzer K, and **Marsit C**. *Scratching the Surface of Mimicry: Sound Production through Scale Abrasion in Snakes*. Hamadryad, 1999. **24**: p. 29-38.
2. Young BA, Meltzer K, **Marsit C**, and Abishahin G. *Cloacal popping in snakes*. Journal of Herpetology, 1999. **33**(4): p. 557-566.
3. Young BA, **Marsit C**, and Meltzer K. *Comparative morphology of the cloacal scent gland in snakes (Serpentes: Reptilia)*. Anat Rec, 1999. **256**(2): p. 127-38.
4. **Marsit CJ**, Fried B, and Sherma J. *Carbohydrate analysis, by high performance thin layer chromatography, of Cerithidea californica (Gastropoda : Prosobranchia)*. J Liquid Chromatography Related Technologies, 2000. **23**(15): p. 2413-7.
5. **Marsit CJ**, Fried B, and Sherma J. *Neutral lipids in cercariae, encysted metacercariae, and rediae of Echinostoma caproni*. J Helminthol, 2000. **74**(4): p. 365-7.
6. **Marsit CJ**, Fried B, and Sherma J. *High-performance thin-layer chromatographic analysis of lutein and beta-carotene in Cerithidia californica (Gastropoda) infected with two species of larval trematodes*. J Parasitol, 2000. **86**(3): p. 635-6.
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 398. Minasenko B, Wang D, Chan J, Tran V, Gauthier TW, **Marsit CJ**, Jones DP, Go YM, Wongtrakool C, Su C, Hu X. *Single-Cell Multiome Impact of Prenatal Heavy Metal Exposure on Early Airway Development.* Am J Respir Cell Mol Biol. 2025 Jul 30. Epub ahead of print.
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Book chapters:

1. **Marsit CJ**, LaMontagne AD, Kelsey KT. Biological Markers in Occupational and Environmental Medicine. In: Rosenstock, L., Cullen, M.R., Brodtkin, C.A., and Redlich, C.A. Textbook of Clinical Occupational and Environmental Medicine (2nd edition). Philadelphia: Elsevier, Inc. 2005:139-46.
2. Christensen BC, **Marsit CJ**, and Kelsey KT. Role of environmental factors on the epigenome. In: Michels, K.B. Epigenetic Epidemiology. London: Springer Science 2012.

3. **Marsit CJ** and Christensen BC. Blood-derived DNA methylation markers of cancer risk. In: Karpf, A. Epigenetic Alterations in Oncogenesis. New York: Springer 2013.
4. Lester BM, **Marsit CJ**, and Bromer C. Behavioral Epigenetics and the Developmental Origins of Child Mental Health Disorders. In: Brandt, Perry, Seligman, Tronick. Infant and Early Childhood Mental Health: Core Concepts and Clinical Practice. Arlington, VA: American Psychiatric Publishing 2014.
5. Everson TM & **Marsit CJ**. Epidemiological Concepts in Environmental Epigenetics. In: Fry, R. Environmental Epigenetics in Toxicology and Public Health. Elsevier 2020.
6. **Marsit CJ** & Li J. Epigenetics in Risk Assessment. In: Robson, MG & Toscano, WA. Risk Assessment for Environmental Health. John Wiley & Sons 2022.
7. Christensen BC, Everson TM, **Marsit CJ**, and Kelsey KT. Influence of Environmental Factors on the Epigenome. In: Michels, K.B. Epigenetic Epidemiology. Vol 2. London: Springer Science 2022 (*in press*).

ENTREPRENEURIAL ACTIVITIES

1. US Patent: **Marsit CJ**, Karagas MR, Andrew AS, Liu M, Kelsey KT. *Compositions and Methods for Detecting Markers of Cancer*. **USPTO Application #:** 20090155786.
2. US Patent: Christensen BC, Houseman EA, Yeh RF, Godleski JG, Bueno R, Sugarbaker DJ, Karagas MR, Wrensch MR, Wiemels JL, Zheng S, **Marsit CJ**, Nelson HH, Wiencke JK, Kelsey KT. *Diagnosing, prognosing, and early detection of cancers by DNA methylation profiling*. **USPTO #:** 61/222,558
3. US Patent: Avissar M, Christensen BC, Kelsey KT, **Marsit CJ**. *Methods of Diagnosing Carcinoma*. **USPTO#:** 61/209,320, **PCT/US2010/026388**

CONTRIBUTION TO PUBLIC SCHOLARSHIP

1. Interviewed by WSB-TV for piece on chemical exposures in pregnant women (2022) (<https://www.wsbtv.com/news/local/atlanta/pregnant-women-know-cut-out-alcohol-raw-fish-what-about-chemicals/OFATBJOS3NE2HFVXKWAJR2MOKU/>)
2. Interviewed by MIT Technology Review about Chemical Pollutants in Bodies (2023) (<https://www.technologyreview.com/2023/03/31/1070664/inhaling-eating-and-drinking-toxic-chemicals-affecting-us/>)
3. Interviewed by WSB-TV for piece on FDA proposed ban on formaldehyde in chemical hair straightening products (2024) <https://www.wsbtv.com/news/2-investigates/wsb-tv-gets-real-georgia-women-file-lawsuit-over-hair-relaxer-chemical-reportedly-linked-cancer/6FGF73SJQFGHXPCW5C6WUBLDSU/>)
4. Guest on the RSPH/WABE radio show and podcast, Health Wanted, speaking about the health effects of PFAS chemicals and microplastics

5. Interviewed by CNN to provide overview of PFAS chemicals and health.
<https://www.cnn.com/2024/09/09/health/pfas-explainer-wellness/index.html>
6. Cited by Healthbeat about health effects of smoke from chemical fire in Conyers, GA.
<https://www.healthbeat.org/atlanta/2024/10/01/biolab-chemical-plant-smoke-raises-questions-about-pollution-health-risk/>
7. Cited by Atlanta Journal Constitution about health effects of smoke from chemical fire in Conyers, GA <https://www.ajc.com/news/health-news/public-health-experts-biolab-fire-poses-future-health-environmental-problems/KWHHDOMMMREONHHSYNFYBL3J4M/>
8. Cited by Atlanta Business Chronicle about health and business impacts of smoke from chemical fire in Conyers, GA <https://www.bizjournals.com/atlanta/news/2024/12/10/biolab-health-department-data.html>
9. Interviewed by Atlanta 11Alive (NBC affiliate) on the determination of lead in home water pipes and the health impacts of lead <https://www.11alive.com/article/news/investigations/11alive-news-investigates/metro-atlanta-lead-water-lines/85-9c48dcd2-7ca9-4177-9a80-b7d9613099e2>
10. Commented for Gizmodo on communications pause following change of administration.
<https://gizmodo.com/trump-orders-cdc-fda-and-other-health-agencies-to-go-dark-2000553437>
11. Interviewed by 11Alive (NBC affiliate) on impacts of CDC layoffs on public health workforce and public health students <https://www.11alive.com/video/news/health/trump-administration-lays-off-10-of-cdc-workforce/85-dbc63658-cd02-46a9-a0c0-eb53b54d8500>
12. Interviewed for Guardian Article, “‘No guidance and no leadership’: chaos and confusion at CDC after mass firings.” <https://www.theguardian.com/us-news/2025/apr/08/hhs-mass-firings>

SUBMITTED PAPER PRESENTATIONS

International Location:

<u>Date</u>	<u>Topic/Title</u>	<u>Organization</u>	<u>Location</u>
2005	<i>Carcinogen exposure and epigenetic silencing in bladder cancer</i>	Conference of the Collegium Ramazzini	Bologna, Italy
2008	<i>MicroRNA Alterations in Malignant Pleural Mesothelioma as Biomarkers of Disease</i>	9 th International Conference of the International Mesothelioma Interest Group (IMIG)	Amsterdam, Netherlands
2013	<i>Prenatal Environment, Epigenetic Mechanisms and the Developmental Origins of Health and Disease</i>	International Society for Environmental Epidemiology Annual Meeting	Basel, Switzerland
2016	<i>Implications of Environmental Exposures in Human Population</i>	Central and Eastern European Conference on Health and the Environment	Prague, Czech Republic
2018	<i>Epigenome-wide Analysis Identifies Genes and Pathways Linked to Neurobehavioral Variation in Preterm Infants</i>	Pediatric Academic Societies Annual Meeting	Toronto, Ontario, Canada

2018	<i>Epigenetic mechanisms linking early life exposures and child health (Session Chair/Presenter)</i>	Pediatric Academic Societies Annual Meeting 2018	Toronto, Ontario, Canada
2025	<i>Advancing Exposome Research Across the Lifespan: Biomarkers, Big Data, and Exposure Assessment (Submitted symposium)</i>	International Society for Environmental Epidemiology/International Society for Exposure Science Joint Meeting	Atlanta, Georgia, USA

National Location:

<u>Date</u>	<u>Topic/Title</u>	<u>Organization</u>	<u>Location</u>
2004	<i>Promoter hypermethylation defines clonal fields in lung cancer patients</i>	AACR Special Conference on Chromatin, Chromosomes, and Cancer Epigenetics	Kona, Hawaii
2007	<i>Does DNA hypermethylation and genetic deletion occur as distinct pathways in aerodigestive malignancy</i>	AACR Special Conference: Advances and Challenges in Aerodigestive Epithelial Cancer	Charleston, SC
2010	<i>DNA Methylation Arrays Identify HOXB2 and KRT13 Methylation as Markers of Invasive Bladder Cancer and Poor Patient Survival</i>	AACR Special Meeting on Cancer Epigenetics	San Juan, Puerto Rico
2010	<i>DNA Methylation Array Analysis Identified Profiles of Blood-derived DNA Methylation Associated with Bladder Cancer.</i>	AACR, Future of Molecular Epidemiology Meeting	Miami, FL
2012	<i>Placental Epigenetics and Infant Neurobehavior</i>	Children's Environmental Health Network Meeting	San Francisco, CA
2013	<i>Epigenome-wide Association Studies in Cancer (Workshop Chair/Presenter)</i>	AACR Annual Meeting	Washington, DC
2014	<i>Epigenetic Effects of Early Life Environmental Exposures: Placental DNA Methylation Related to Both Infant Toenail Mercury and Adverse Neurobehavioral Outcomes (Symposium Chair/Presenter)</i>	International Society for Environmental Epidemiology Annual Meeting	Seattle, WA
2019	<i>Using Genomic Approaches to Examine the Role of the Placenta in the Developmental Origins of Health and Disease (Symposium Chair)</i>	Pediatric Academic Societies Annual Meeting	Baltimore, MD

INVITED ORAL PRESENTATIONS**International location:**

<u>Date</u>	<u>Topic/Title</u>	<u>Organization</u>	<u>Location</u>
2006	<i>Epigenetic Alterations in Exposure-related Disease</i>	Centre for Research in Environmental Epidemiology (CREAL)	Barcelona, Spain
2014	<i>Epigenomics and the Natural Environment</i>	Experimental Biology: Epigenetics in Comparative Physiology	Banff, Canada

2016	<i>Epigenetics and Environmental Origins of Cancer</i>	International Agency for Research on Cancer	Lyon, France
2018	<i>Importance of the Placenta in Children's Environmental Health</i>	University of British Columbia, Children's Hospital	Vancouver, Canada
2018	<i>Epigenetics Influences on Child Health</i>	Pediatric Academic Societies Annual Meeting 2018	Toronto, Ontario, Canada

National location:

<u>Date</u>	<u>Topic/Title</u>	<u>Organization</u>	<u>Location</u>
2005	<i>SFRP Gene Methylation and p53 Alteration in Bladder Cancer</i>	Diller Comprehensive Cancer Center University California – San Francisco	San Francisco, CA
2008	<i>Survival Skills for Effective Leaders</i>	Lafayette Leadership Institute, Lafayette College	Easton, PA
2008	<i>Epigenetics in Environmental Health</i>	Boston University School of Public Health	Boston, MA
2008	<i>Epigenetics in Toxicology and Cancer Biology</i>	Nutmeg Conference, Marine Biological Laboratories	Woods Hole, MA
2009	<i>Clinical and Etiological Significance of Epigenetic Profiles in Bladder Cancer</i>	Cancer Center Seminar Series, Masonic Cancer Center, University of Minnesota	Minneapolis, MN
2009	<i>Clinical and Etiological Significance of Epigenetic Profiles in Bladder Cancer.</i>	Flight Attendants Medical Research Institute 8 th Annual Symposium	Boston, MA
2009	<i>Epigenetics and Imprinting in the Placenta</i>	American Society of Reproductive Immunology Annual Conference	Orlando, FL
2009	<i>MicroRNA Alterations in Malignant Pleural Mesothelioma as Biomarkers of Disease</i>	Mesothelioma Applied Research Foundation Symposium	Washington, D.C.
2009	<i>Placenta Epigenetics – Clinical and Environmental Implications</i>	Mt. Sinai School of Medicine	New York, NY
2010	<i>Epigenetics in Development and Beyond</i>	Pediatric HIV/AIDS Cohort Study Annual Meeting, Plenary Session	Baltimore, MD
2010	<i>Alterations of DNA Methylation Associated with Growth Restriction and Infant Neurobehavior</i>	Behavioral Epigenetic Symposium, New York Academy of Sciences	Boston, MA

2010	<i>DNA methylation array analysis identifies profiles of blood-derived DNA methylation associated with bladder cancer</i>	International Bladder Cancer Consortium Annual Meeting	Houston, TX
2011	<i>Practical How-to and Pitfalls Associated with Current Epigenetic Studies: Population-based DNA Methylation Profiling in Exposure-Related Disease.</i>	Society of Toxicology Annual Meeting, Continuing Education Course	Washington, DC
2012	<i>MicroRNAs in Biology and Toxicology: MicroRNA Profiling in Population-Based Studies of Exposure-Related Health Outcomes</i>	Society of Toxicology Annual Meeting, Continuing Education Course	San Francisco, CA
2012	<i>Exposure Biology and DNA Methylation</i>	Society for Gynecological Investigation Annual Meeting, Symposium	San Diego, CA
2012	<i>A Role for in-utero Arsenic Exposure in Epigenetic Alterations Associated with Infant Health Outcomes</i>	NIEHS/SBRP Special Meeting: Epigenetic Actions of Environmental Arsenicals	Tucson, AZ
2012	<i>Role of miRNA in regulating placental function and fetal growth</i>	2012 Alltech Distinguished Lecture Series in Nutrigenomics at the University of Kentucky	Lexington, KY
2013	<i>Placental miRNA as Biomarkers of Exposure and Outcome</i>	Duke University Epigenomic Toxicology Symposium	Durham, NC
2013	<i>Placental Biomarkers of Exposure and Outcome</i>	EPA/NIEHS Children's Centers Webinar Series	Nationally Broadcast Webinar
2013	<i>Epigenetic Mechanisms Linking Environment to Developmental Outcomes</i>	NIEHS Superfund Research Program Annual Meeting	Baton Rouge, LA
2013	<i>Epigenetic Mechanisms Linking Environment to Newborn Developmental Outcomes</i>	Icahn School of Medicine at Mt. Sinai, Child Health Seminars	New York, NY
2014	<i>Developmental Effects of Arsenic</i>	NIEHS Workshop "Health effects and mitigation of arsenic: current research efforts and future directions"	Durham, NC
2014	<i>Early life and epigenetics/response and impact on immune system</i>	EPA/NIEHS Children's Centers Webinar Series	Nationally Broadcast Webinar
2014	<i>Epigenetics in Infant Cohort Studies</i>	Pediatric HIV/AIDS Cohort Studies Annual Network Meeting	Baltimore, MD

2014	<i>Placental Epigenetic Mechanisms</i>	Prenatal Programming and Toxicity (PPTOX IV)	Boston, MA
2015	<i>Placental Toxicants and Disruption to Development</i>	Fertility & Reproductive Health Working Group of the Collaborative on Health and the Environment	National Teleconference
2015	<i>Environmental Epigenetics</i>	EPA/NIEHS Children's Centers Webinar Series	Nationally Broadcast Webinar
2015	<i>Role of the Placenta</i>	EPA/NIEHS Children's Centers Webinar Series	Nationally Broadcast Webinar
2015	<i>Epigenetic mediators of the environment and children's health</i>	University of Kentucky Superfund Program Seminar	Lexington, KY
2015	<i>Considerations in Study and Experimental Design in Epigenetic Epidemiology</i>	Society for Epidemiologic Research Annual Meeting, Symposium	Denver, CO
2015	<i>Placental Epigenetics in Children's Environmental Health</i>	University of Southern California, Division of Environmental Health	Los Angeles, CA
2015	<i>Readily Measurable Epigenetic Marks and Significance</i>	US EPA, Workgroup on Considering Epigenetic Mechanisms in Risk Assessment	Washington, DC
2015	<i>Epigenetic Mechanisms in Children's Environmental Health</i>	Emory University, Rollins School of Public Health, Environmental Health Seminar	Atlanta, GA
2015	<i>Epigenetic mechanisms linking the maternal environment to lifelong health</i>	Gerontological Society of America Annual Meeting	Orlando, FL
2016	<i>Technologies and informatics in epigenetic profiling and assessments</i>	Toxicology Risk Assessment Conference (TRAC) jointly hosted by US EPA, NIOSH, & DOD	Cincinnati, Oh
2016	<i>Considering the Placenta in Birth Cohort Studies</i>	Pediatric HIV/AIDS Cohort Studies Annual Meeting	Bethesda, MD
2016	<i>Understanding Biological Mechanisms Related to Environmental Justice</i>	Emerging Science for Environmental Health Decisions, National Academies of Science and Medicine	Washington, DC
2016	<i>Epigenomic Effects of the Environment on Human Development and Carcinogenesis</i>	Society of Toxicology Meeting on Toxicoeugenetics	Washington, DC

2016	<i>Placental Epigenetics in Children's Environmental Health</i>	Dept. of Preventative Medicine Grand Rounds, Icahn School of Medicine at Mt. Sinai	New York, NY
2016	<i>Placental Epigenetics in Children's Environmental Health</i>	Environmental Health Center Seminar Series, Columbia University	New York, NY
2017	<i>Epigenetic Mechanisms in Children's Environmental Health</i>	Center for Environmental Health and Technology Seminar, Brown University	Providence, RI
2017	<i>Epigenetic Effects of the Antenatal Environment</i>	Pediatric Academic Societies Annual Meeting 2017	San Francisco, CA
2017	<i>Importance of the Placenta in the Developmental Origins of Health and Disease</i>	Invited Seminar, National Institute of Environmental Health Sciences	Durham, NC
2018	<i>Molecular Mechanisms Linking the Environment to Human Health</i>	Kick-off Seminar of the Environmental Health Seminar Series at Boston University School of Public Health	Boston, MA
2018	<i>Environmental Epigenetics and Mendelian Randomization (Session Chair)</i>	ECHO Genetics and Epigenetics Workshop at NIH	Bethesda, MD
2018	<i>Epigenomic Effects of Cadmium on the Placenta Influence Newborn and Early Childhood Growth</i>	Society of Toxicology Annual Meeting 2018	San Antonio, TX
2018	<i>Molecular Mechanisms Linking the Environment and Human Health</i>	Department of Epidemiology, Brown University School of Public Health	Providence, RI
2018	<i>Impacts of the Intrauterine Environment on Newborn Health</i>	Grand Rounds, Lurie Children's Hospital, Northwestern University	Chicago, IL
2018	<i>A Basic Scientists Perspective on Transforming Translational Research in Preterm Birth</i>	Preterm Birth International Collaborative (PREBIC) North American Branch	Galveston, TX
2019	<i>Placental Functional Genomics and Newborn Neurobehavioral Performance</i>	Society for Research in Child Development Annual Meeting	Baltimore, MD
2019	<i>Using the Exposome to Advance our Understanding of Human Health</i>	Northeast Regional Superfund Research Program Meeting	Boston, MA
2019	<i>Considering the Placenta in Children's Environmental Health</i>	University of Cincinnati Center for Environmental Genetics Seminar	Cincinnati, OH

2019	<i>Considering the Placenta in Children's Environmental Health</i>	University of Pennsylvania Center for Research on Reproduction and Women's Health	Philadelphia, PA
2020	<i>Using Functional Placental Genomics to Understand the Environment's Impact on Children's Health</i>	University of Illinois-Chicago, University of Chicago Environmental Health Center Seminar	Chicago, IL
2020	<i>Using Placental Genomics to Understand the Environmental and Genetic Determinants of Children's Health</i>	University of Kentucky, UK-CARES Environmental Health Seminar	Lexington, KY (via Zoom)
2020	<i>Using Placenta to Understand the Developmental Impacts of Metals</i>	Columbia/UC Berkeley Superfund Research Programs Joint Conference on Metals and Epigenetics	Zoom
2021	<i>Using Placental Genomics to Understand the Environmental and Genetic Determinants of Children's Health</i>	University of California-Riverside Program in Toxicology	Riverside, CA (via Zoom)
2021	<i>Using Genomics to Understand the Impacts of the Environment on the Placenta</i>	Placenta Studies for Fetal Substance Exposure Workshop	NIH-NIDA (via Zoom)
2022	<i>Using Placental Genomics to Understand Prenatal Programming</i>	Prenatal Programming and Toxicity (PPTOX) VII	Chicago, IL (via Zoom)
2022	<i>ECHO Program Cohorts of Individuals Born Preterm: Five Year Progress Report - Building on ECHO Strengths</i>	Pediatric Academic Societies Annual Meeting	Denver, CO
2022	<i>Understanding the Exposome's Impact on Children's Health Through the Placenta</i>	Baylor College of Medicine	Houston, TX
2023	<i>Examples of Omics Integration in Studies of the Environment on Human Health</i>	NIEHS/NCI Workshop on Integrating Environmental Data with Other Omics for Cancer Epidemiology	Online
2023	<i>Placenta Transcriptomic Alterations Underlie Neurodevelopmental Effects of Pesticide Exposure</i>	Society of Toxicology Annual Meeting	Nashville, TN
2023	<i>Understanding the Exposome's Impact on Children's Health Through the Placenta</i>	Case Western Reserve University, Populations Sciences Student Invited Speaker	Cleveland, OH

2024	<i>Using the Placenta to Understand the Exposome's Impact on Children's Health</i>	University of Texas, San Antonio, Department of Developmental and Regenerative Biology Seminar Series	San Antonio, TX
2024	<i>Programs to support faculty grant development at the Rollins School of Public Health</i>	Association of Schools and Programs of Public Health Annual Meeting	Washington, DC
2024	<i>Research Incentives</i>	Association of Schools and Programs of Public Health Sections Retreat	Boston, MA

Regional/local location:

<u>Date</u>	<u>Topic/Title</u>	<u>Organization</u>	<u>Location</u>
2005	<i>A Case-only Approach to Understanding the Mechanisms Involved in Bladder Cancer</i>	Dartmouth Medical School	Lebanon, NH
2006	<i>Epigenetic Alterations in Environmental Pathology</i>	Pathology Research and Teaching Rounds, Department of Pathology and Laboratory Medicine, Brown University	Providence, RI
2007	<i>Epigenetics in Cancer Biology and Toxicology</i>	Pathobiology Seminar Series, Program in Pathobiology, Brown University	Providence, RI
2007	<i>Epigenetics in Cancer Biology and Toxicology</i>	Pediatrics Research Colloquium, Women and Infants Hospital	Providence, RI
2007	<i>Epigenetics in Cancer Biology and Toxicology</i>	COBRE Center for Cancer Research Development Seminar, Rhode Island Hospital	Providence, RI
2007	<i>Epigenetics in Cancer Biology and Toxicology</i>	Pathology Grand Rounds, Rhode Island Hospital	Providence, RI
2008	<i>Epigenetics, Exposures, and Fetal Programming</i>	Pediatric Research Colloquium, Women and Infants Hospital	Providence, RI
2009	<i>Clinical and Etiological Significance of Epigenetic Profiles in Bladder Cancer</i>	Clinical Epidemiology Seminar, Dartmouth Medical School	Lebanon, NH
2009	<i>Beyond the Barker Hypothesis: Lifespan Implications of the Intrauterine Environment</i>	NIH Office of Women's Health, Women and Infants Hospital, Moving into the Future: New Dimensions and Strategies for Women's	Providence, RI

		Health Research for the NIH	
2009	<i>Clinical Importance of Epigenetic Profiles in Bladder Cancer</i>	Grand Rounds, Rhode Island Hospital, Department of Oncology	Providence, RI
2009	<i>Clinical Importance of Epigenetic Profiles in Bladder Cancer</i>	Program in Epidemiology Seminar Series, Department of Community Health, Brown University	Providence, RI
2010	<i>Placental Epigenetic Alterations as Markers of the Intrauterine Environment</i>	Children's Environmental Health and Disease Research Center at Dartmouth	Lebanon, NH
2010	<i>Epigenetics in Development and Beyond</i>	Brown Center for Children at Risk Journal Club, Women and Infants Hospital	Providence, RI
2010	<i>Beyond the Barker Hypothesis: Lifespan Implications of the Intrauterine Environment</i>	Department of Pediatrics, Hasbro Children's Hospital, Grand Rounds	Providence, RI
2012	<i>Epigenetic Epidemiology of Bladder Cancer</i>	Norris Cotton Cancer Center, Dartmouth Medical School, Grand Rounds	Lebanon, NH
2012	<i>Epigenetics in Human Health and Disease</i>	Medical Genetics Seminar Series, Department of Pediatrics, Dartmouth- Hitchcock Medical Center	Lebanon, NH
2012	<i>Placental Epigenetics as Markers of the Intrauterine Environment</i>	COBRE Center for Perinatal Biology, NIH Site Visit, Women and Infants Hospital	Providence, RI
2013	<i>Children's Environmental Health</i>	Grand Rounds, Department of Pediatrics, Dartmouth	Lebanon, NH
2014	<i>Epigenetic Mechanisms Linking Environment to Newborn Outcomes</i>	Department of Epidemiology, Brown University School of Public Health	Providence, RI
2014	<i>Role for Placental Epigenetics in Newborn Neurobehavioral Development</i>	Grand Rounds, Department of Psychiatry, Geisel School of Medicine at Dartmouth	Lebanon, NH

2015	<i>Role of Placental Epigenetics in Predictive Newborn Outcomes</i>	Pediatrics Research Colloquium, Women and Infants Hospital	Providence, RI
2016	<i>Importance of the Placenta in Children's Environmental Health</i>	C-CHEM ² Seminar Series, Emory University, Woodruff School of Nursing	Atlanta, GA
2016	<i>Importance of the Placenta in Children's Environmental Health</i>	Grand Rounds, Dept. of Obstetrics and Gynecology, Emory University School of Medicine	Atlanta, GA
2017	<i>Molecular Mechanisms Linking the Environment and Human Health</i>	Grand Rounds, Rollins School of Public Health, Emory University	Atlanta, GA
2019	<i>Embracing Trans-disciplinary Approaches to Impact Biomedical Research in Public Health</i>	Seminar, Rollins School of Public Health, Emory University	Atlanta, GA
2019	<i>Placental Genomics to Understand Children's Health</i>	Genetics and Molecular Biology Seminar, Emory School of Medicine	Atlanta, GA
2019	<i>The Exposome as a Framework for Environmental Health</i>	Georgia Environmental Conference	Jekyll Island, GA
2022	<i>Placental Origins of Children's Health</i>	Southeastern Pediatrics Research Alliance	Atlanta, GA
2022	<i>Using Epigenetics to Understand Cancer Risk</i>	Winship Cancer Institute-UGA Joint Conference	Stone Mountain, GA

TEACHING ACTIVITIES

Undergraduate (College) Education:

<u>DATES</u>	<u>INSTITUTION</u>	<u>NAME OF COURSE/ACTIVITY</u>	<u>ROLE</u>	<u>FREQUENCY</u>	<u>HOURS</u>
2007-2011	Brown University	BIOL 182: Environmental Health and Disease	Lecturer	Yearly	3
2017	Emory University	BIO 352: Epigenetics and Human Disease	Lecturer	Yearly	2

Graduate Education:

<u>DATES</u>	<u>INSTITUTION</u>	<u>NAME OF COURSE/ACTIVITY</u>	<u>ROLE</u>	<u>FREQUENCY</u>	<u>HOURS</u>
2006	Harvard School of Public Health	ID518: Integrated Cancer Biology	Co-course Leader	Once	40

2007-2009	Brown University	BIOL 285: Introduction to Faculty Research	Lecturer	Yearly	1.5
2007-2010	Brown University	BIOL 286: Molecular Mechanisms of Human Disease	Course Leader	Yearly	30
2010	Brown University	BIOL 2840H: Reproductive Biology	Lecturer	Once	1.5
2011-present	Geisel School of Medicine	GENE 110: Integrative Biomedical Sciences	Lecturer	Yearly	1
2012-present	Geisel School of Medicine	PEMM 103: Biostatistics	Course Co-Leader	Yearly	24
2013	Geisel School of Medicine	PEMM 123: Graduate Toxicology	Lecturer	Once	2
2013-2014	Geisel School of Medicine	QBS 131: Foundations of Molecular Epidemiology	Lecturer	Once	2
2014	Geisel School of Medicine	GEN 146: Foundations of Bioinformatics	Lecturer	Twice	4
2015	Geisel School of Medicine	QBS 100: Human Biology for Population Research	Course Developer & Leader	Twice	40
2016-2019	Emory University Rollins School of Public Health	EH 520: Human Toxicology	Lecturer	Yearly	2
2017-present	Emory University Rollins School of Public Health	EH 501	Lecturer	Yearly	1
2017-2023	Emory University Rollins School of Public Health	EH 790: Research Design	Lecturer	Yearly	2
2017-present	Emory University Rollins School of Public Health	EPI 510: Intro to Genetic and Molecular Epidemiology	Lecturer	Yearly	1
2017	Emory University Dept of Biology	Bio 352: Epigenetics in Human Disease	Lecturer	Yearly	1
2018	Emory University Rollins School of Public Health	EH 590R_4: Omics in Public Health	Course Developer Currently Lecturer	Yearly	20
2018-2020	Emory University Rollins School of Public Health	EH 790R: Research Design	Course Co-Leader	Yearly	40
2020-2021	Emory University- Human Genetics	IBS756: Human Genetics	Lecturer	Yearly	2

Graduate Medical Education:

<u>Dates</u>	<u>Institution</u>	<u>Name Of Course/Activity</u>	<u>Role</u>	<u>Frequency</u>	<u>Hours</u>
2008	Brown University	Obstetric Resident Core Curriculum	Lecturer	Once	2

2014	Dartmouth Hitchcock Medical Center	Pathology Residents Research Seminar	Lecturer	Once	1
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Postdoctoral Education:

<u>Dates</u>	<u>Institution</u>	<u>Name Of Course/Activity</u>	<u>Role</u>	<u>Frequency</u>	<u>Hours</u>
2022- present	Emory University	Responsible Conduct of Research, Team Science	Lecturer	Twice Yearly	4

Continuing Medical Education:

<u>Dates</u>	<u>Name Of Course/Activity</u>	<u>Role</u>	<u>Frequency</u>	<u>Hours</u>
2012	Synergy Translational Research Certificate Course	Small Group Leader	1 week	12
2014	Synergy Translational Research Certificate Course	Panel Discussant and Mentor	1 week	12

SUPERVISORY TEACHING/MENTORING**Undergraduate Students:****Thesis Committee Chair**

<u>Dates</u>	<u>Student Name</u>	<u>Program/ Current Position</u>
2007-2008	Keila Veiga	Human Biology Concentration, Brown University <i>Current Position: Pediatric Fellow, Mt. Sinai Kravis Children's Hospital</i>
2007-2008	Stuart Schussel	Environmental Studies Concentration, Brown University <i>Current Position: Corporate Counsel, Darktrace</i>
2008-2009	Kristen Uhl	Human Biology Concentration, Brown University <i>Current Position: Clinical Psychologist, Dana Farber Cancer Institute</i>
2008-2009	Erika Moen	Human Biology Concentration, Brown University

Name: Carmen Marsit

*Current Position: Assistant Professor,
Geisel School of Medicine at Dartmouth*

2009-2011 Amanda Filiberto Human Biology Concentration, Brown University

2010-2011 Cailey Bromer *Current Position: Attending Surgeon,
University of Florida Medical Center*
Neuroscience Concentration, Brown University
Current Position: Associate Consultant, ZS

Mentored Research Supervision (Undergraduate):

<u>Dates</u>	<u>Student Name</u>	<u>Institution/Program</u>
2012-2013	Ashlee Roberson	Dartmouth College, Undergraduate Research Assistant
2012-2014	Lauren Kwan	Dartmouth College, Undergraduate Research Assistant
2013-2014	Roshen John	Dartmouth College, Howard Hughes Medical Research Institute Junior Research Scholar
2013-present	Daniel Gorman	Dartmouth College, Undergraduate Research Assistant
2015	Bailey Blair	Franklin Pierce University, INBRE Summer Undergraduate Research Fellow (ISURF)

Masters Students:

Dissertation Committee Chair

<u>Dates</u>	<u>Student Name</u>	<u>Program/ Current Position</u>
2016-17	Carmen Marable	M.P.H. Environmental Health, Rollins School of Public Health, Emory University
2016-17	Natalie Duke	M.P.H. Environmental Health, Rollins School of Public Health, Emory University
2017-18	Michael Hussey	M.S.P.H. Environmental Health-Epidemiology, Rollins School of Public Health, Emory University
2017-18	Luisa Sarmiento	M.P.H. Environmental Health, Rollins School of Public Health, Emory University
2018-19	Sarah Menz	M.S.P.H. Environmental Health and Epidemiology, Rollins School of Public Health, Emory University

2019-2020	Alexandra Skoczek	M.S.P.H. Environmental Health and Epidemiology, Rollins School of Public Health, Emory University
2019-2020	Ernesto Rodriguez	M.S.P.H. Environmental Health and Epidemiology, Rollins School of Public Health, Emory University
2020-2021	Meredith Stark	B.S./M.P.H. Environmental Health, Rollins School of Public Health, Emory University
2022-2023	Jacqueline Holstein	M.P.H., Epidemiology, Rollins School of Public Health, Emory University
2023-2024	Martina Albano	M.P.H., Epidemiology, Rollins School of Public Health, Emory University

Masters Thesis Committees:

<u>Dates</u>	<u>Student Name</u>	<u>Program/ Current Position</u>
2008	Rachel (Rogers) Worley, M.Sc.	Environmental Studies Program, Brown University
2010	Kathryn Ponder, M.D., M.M.S.	Masters of Medical Science Program, Brown University

Doctoral Students:

Dissertation Advisor

<u>Dates</u>	<u>Student Name</u>	<u>Program/ Current Position</u>
2007-2009	Michele Avissar-Whiting, PhD	Pathobiology Graduate Program, Brown University <i>Current Position: Program Officer, Open Science Strategy, Howard Hughes Medical Research Institute</i>
2008-2011	Matthew Maccani, PhD	Pathobiology Graduate Program, Brown University <i>Current Position: Technology Consultant</i>
2009-2011	Charlotte Wilhelm-Benartzi, PhD	Epidemiology Graduate Program, Brown University <i>Current Position: Research Fellow-Statistics, Cardiff University</i>
2011-2014	Corina Lesseur, MD, PhD	Program in Experimental Molecular Medicine, Geisel School of Medicine at Dartmouth

2012-2015	Alison Paquette, PhD	<i>Current Position: Assistant Professor, Mt. Sinai School of Medicine</i> Program in Experimental Molecular Medicine, Geisel School of Medicine at Dartmouth
2015-2017	Jeffrey Thompson, PhD	<i>Current Position: Assistant Professor, Seattle Children's Hospital</i> Program in the Quantitative Biomedical Sciences, Geisel School of Medicine at Dartmouth
2015-2018	Julia Litzky, MD, PhD	<i>Current Position, Associate Professor, University of Kansas Medical Center</i> Program in Experimental Molecular Medicine, Geisel School of Medicine at Dartmouth
2017-2021	Aimee Vester, MD, PhD	<i>Current Position, Neonatology/Perinatology Fellow, University of Vermont</i> Environmental Health Sciences Program, Laney Graduate School, Emory University
2017-2021	Danielle Clarkson-Townsend, PhD	<i>Current Position, Pediatrics Resident, Cincinnati Children's Hospital</i> Environmental Health Sciences Program, Laney Graduate School, Emory University <i>Current Position, Assistant Professor, Gangarosa Dept of Environmental Health, Rollins School of Public Health, Emory University</i>
2019-2022	Jesse Tehrani, PhD	Genetics and Molecular Biology Program, Laney Graduate School, Emory University
2019-2022	Millie Tung, PhD	<i>Current Position, Associate Consultant, Triangle Insights Group, LLC</i> Environmental Health Sciences Program, Laney Graduate School, Emory University <i>Current Position, Postdoctoral Fellow, Columbia University, Environmental Health Sciences</i>

2021-2024 Michael Mortillo, PhD

Genetics and Molecular Biology Program,
Laney Graduate School, Emory University

*Current Position, Senior Regulatory
Specialist, Hogan Lovells*

Dissertation Committees

Dates

Student Name

Program/ Current Position

2008-2011

Graham Poage, PhD

Program in Molecular Pharmacology and
Physiology, Brown University

*Current Position: Medical Science Liaison
Director, HalioDx*

2009-2011

Haley Menard, PhD

Pathobiology Graduate Program, Brown
University

*Current Position: Epidemiologist,
Republic of Palau Ministry of Health*

2010-2014

Ashley Smith, PhD

Pathobiology Graduate Program, Brown
University

*Current Position: Senior Academic
Illustrator, American Journal Experts*

2010-2013

William Accomando, PhD

Pathobiology Graduate Program, Brown
University

*Current Position: Senior Scientist,
Bioanalytical Develop at Fate
Therapeutics, San Diego, CA*

2011-14

Robert Frost, PhD

Program in Quantitative Biomedical
Sciences, Geisel School of Medicine at
Dartmouth

*Current Position: Associate Professor,
Geisel School of Medicine at Dartmouth*

2011-2013

Zeyn Joukhader, PhD

Pathobiology Graduate Program, Brown
University

Current Position: Writer

2012-2016

Kevin Johnson, PhD

Program in Experimental Molecular
Medicine, Geisel School of Medicine at
Dartmouth

Current Position: Research Scientist, Yale School of Medicine

2009-2011 Nicholas Heger, PhD

Pathobiology Graduate Program, Brown University

Current Position: Medical Director, Clinical Chemistry Metabolic Laboratory, Tufts Medical Center

2009-2011 Devin Koestler, PhD

Biostatistics Graduate Program, Brown University

Current Position: Professor, University of Kansas Medical Center

2009-2011 Caihua Liang, PhD

Epidemiology Graduate Program, Brown University

Current Position: Senior Epidemiologist OptumInsight | Life Sciences

2015-2017 Samantha Kingsley, PhD

Epidemiology Graduate Program, Brown University

Current Position: Chief Health Program Evaluator at Dept of Behavioral Healthcare, Developmental Disabilities, and Hospitals, Rhode Island, US

2016-2018 Alexa Freedman, PhD

Epidemiology PhD Program, Rollins School of Public Health
Co-Mentor, NIH F31 Fellowship Application

Current Position: Assistant Professor, Northwestern University

2017-2019 Sarah Curtis, PhD

Genetics Program, Laney Graduate School, Emory University

Current Position: Postdoctoral Fellow, Emory University

2017-2020 Kirtan Kaur, PhD

Environmental Medicine, New York University

Current Position: Senior Scientist, L'Oreal Environmental Health Sciences Program, Laney Graduate School, Emory University

2018-2020 Brittney Baumert, PhD

2018-2022	Luisa Rivera, PhD	<i>Current Position: Postdoctoral Fellow, University of Southern California</i> Anthropology Program, Laney Graduate School, Emory University
2019-2022	Jeliah Clark, PhD	<i>Current Position: Postdoctoral Fellow, Dartmouth College</i> Biomedical Sciences Graduate Program, University of North Carolina-Chapel Hill
2020-2023	Carmen Marable, PhD	<i>Current Position: Postdoctoral Fellow, Pasteur Institute</i> Neurosciences Graduate Program, University of North Carolina-Chapel Hill
2021-2024	Kenya Hodge, PhD	<i>Current Position: Technology Leadership and Development Program, BD Biosciences</i> Genetics and Molecular Biology Program, Laney Graduate School, Emory University
2021-present	Yemko Pryor	<i>Current Position: Postdoctoral Fellow, Morehouse School of Medicine</i> Genetics and Molecular Biology Program, Laney Graduate School, Emory University
2022-present	Sophie Joseph	Anthropology Program, Laney Graduate School, Emory University
2022-present	Cynthia Perez	Genetics and Molecular Biology Program, Laney Graduate School, Emory University
2023-present	Ziyin Tang	Environmental Health Science Program, Laney Graduate School, Emory University, F99 awardee

Other Graduate Student Mentoring

2014	Andres Cardenas, PHD	Co-Mentor, NIEHS KC Donnelly Visiting Fellow, PhD Program in Public Health, Oregon State University
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*Current Position: Assistant Professor, Dept
of Epidemiology, Stanford University*

Dissertation External Examiner

2008	Anita Patel, PhD	Biological Sciences in Public Health Program, Harvard University
2013	Boris Novakovic, PhD	Melbourne School of Graduate Research, University of Melbourne, Australia
2012	Jessica LaRocca, PhD	Pathobiology Graduate Program, Brown University
2012	Benjamin Moyer, PhD	Pathobiology Graduate Program, Brown University
2018	Sumiya Islam, PhD	University of British Columbia, Vancouver, Canada

Rotation Advisor

2008	Sara Pacheco	Pathobiology Graduate Program, Brown University
2009	Ann Saunders	Pathobiology Graduate Program, Brown University
2011-12	Sondra Downey	Program in Experimental Molecular Medicine, Geisel School of Medicine at Dartmouth
2013	Anala Gossai	Program in the Quantitative Biomedical Sciences, Geisel School of Medicine at Dartmouth
2014	Elizabeth Piette	Program in the Quantitative Biomedical Sciences, Geisel School of Medicine at Dartmouth
2015	Jason Wells	Program in the Quantitative Biomedical Sciences, Geisel School of Medicine at Dartmouth
2019	Courtney Willett	Genetics and Molecular Biology Program, Laney Graduate School, Emory University
2019	Millie Tung	Environmental Health Sciences Graduate Program, Laney Graduate School, Emory University

Post-doctoral Fellows/Residents:

<u>Date</u>	<u>Name Of Student</u>	<u>Role</u>	<u>Program</u>
2009-2011	Carolyn Banister, PhD	Post-doctoral Advisor	NIEHS Training Program in Environmental Pathology, Brown University

Current Position: Clinical Assistant Professor, University of South Carolina

2010-2011	Michele Avissar-Whiting, PhD	Post-doctoral Advisor	Warren Alpert School of Medicine at Brown University <i>Current Position: Program Officer, Howard Hughes Medical Institute</i>
2012-2014	Allison Appleton, ScD	Post-doctoral Advisor	Training Program in the Quantitative Biomedical Sciences, Geisel School of Medicine <i>Current Position: Associate Professor and Chair, Department of Epidemiology, University at Albany School of Public Health</i>
2014-2016	Benjamin Green, PhD	Post-doctoral Advisor	Geisel School of Medicine at Dartmouth <i>Senior Manager Products Insights, Included Health</i>
2017-2019	Sarah Faasse, MD	Research Fellowship Advisor	Pediatric Gastroenterology Fellowship Program, Emory University School of Medicine <i>Current Position: Assistant Professor of Medicine, Pediatric Gastroenterology, Washington University St. Louis</i>
2016-2018	Todd Everson, PhD	Post-doctoral Advisor	Rollins School of Public Health of Emory University <i>Current Position: Associate Professor (with tenure), Gangarosa Department of Environmental Health, Rollins School of Public Health, Emory University</i>
2018-2020	Fuying Tian, M.D.	Post-doctoral Advisor	Rollins School of Public Health of Emory University <i>Current Position: Assistant Professor, Maternity and Child Healthcare Hospital, Southern Medical University, Shenzhen, China</i>
2018-2024	Elizabeth Kennedy, PhD	Post-doctoral Advisor,	Rollins School of Public Health of Emory University

		K99/R00 mentor	<i>Current Position: Assistant Professor, Department of Gynecology & Obstetrics, Emory University School of Medicine</i>
2022-present	Yewei Wang, PhD	Post-doctoral Advisor	Rollins School of Public Health of Emory University
2023	Jelonia Rumph, PhD	Post-doctoral Advisor	Rollins School of Public Health of Emory University
<i>Current Position: EIS Fellow, Commissioned Corp, US Centers for Disease Control and Prevention</i>			

Other Postdoctoral Mentoring

<u>Date</u>	<u>Name Of Student</u>	<u>Program/Role</u>
2010-2011	Ayman Samkari, MD	Fellowship in Pediatric Hematology/Oncology, Rhode Island Hospital, Fellowship SOC Member
2015	Caterina Vacchi-Suzzi, PhD	SUNY Stonybrook, Visiting Post-doctoral Scientist Advisor
2018-present	Corina Lesseur, MD, PhD	K99/R00 Co-Mentor, Mount Sinai School of Medicine
2019-2020	Amelia Wesselink, PhD	K99/R00 Co-Mentor, Boston University School of Public Health
2019-2021	Jessica Shoaff, PhD	K99/R00 Co-Mentor, Harvard Chan School of Public Health
2022-present	Brie Reid, PhD	K99/R00 Co-Mentor, Miriam Hospital, Brown University
2021-present	Elizabeth Kennedy, PhD	K99/R00 Co-Mentor, Rollins School of Public Health, Emory University

Faculty Mentoring

<u>Date</u>	<u>Mentees Name</u>	<u>Specialty</u>	<u>Program</u>
2013-2016	Tracy Punshon, PhD, Assistant Professor, Dartmouth College, Department of Biological Sciences	Molecular Epidemiology/Place ntal Biomarkers	COBRE for Molecular Epidemiology, Dartmouth
2014-2018	Elizabeth Conradt, PhD, Assistant	Behavioral Epigenetics	K08DA038959

	Professor, University of Utah, Department of Psychology		The Epigenetic Basis for Stress Reactivity: Implications for Drug-exposed Infants
2015-2017	H. Rob Frost, PhD, Research Fellow, Geisel School of Medicine	Bioinformatics	COBRE in the Quantitative Biomedical Sciences, Dartmouth
2016-2020	Matthew Gribble, PhD, Associate Professor, Medicine, University of California San Francisco	Environmental Health	Co-Mentor, K01 Application Faculty Mentor, K01 Application Research Mentoring
2017-2020	Michael Corley, PhD, Assistant Professor, Cell and Molecular Biology, University of Hawaii	Epigenetics in Diabetes	COBRE Center of Excellence in Diabetes Research, Mentor
2017-2019	Lauren McCullough, PhD, Assistant Professor, Epidemiology, Rollins School of Public Health	Epigenetics and Obesity	Faculty Mentor
2018-present	Todd Everson, PhD, Assistant Professor, Environmental Health, Rollins School of Public Health	Molecular Epidemiology and Epigenetics	Faculty Mentor
2018-2021	Maya Deyssenroth, PhD, Assistant Professor, Environmental Health, Columbia University Mailman School of Public Health	Genomics	K99/R00 Mentor
2019-2023	Laren Narapareddy, PhD, RN, Assistant Professor, Nell Hodgson Woodruff School of Nursing, Emory University	Placental Research	KL2 Mentor

2021-present	Jennifer Adibi, PhD, Assistant Professor, University of Pittsburgh School of Public Health	Reproductive Research	Mentoring Committee
2021-present	Donghai Liang, PhD, Associate Professor, Environmental Health, Rollins School of Public Health	Metabolomics and Multi-omics	Individual Mentoring
2021-present	Stephanie Eick, PhD Assistant Professor, Environmental Health, Rollins School of Public Health	Maternal Child Environmental Health, Mixtures	K01 Mentoring
2021-present	Christine Ekenga, PhD Assistant Professor, Environmental Health, Rollins School of Public Health	Occupational Health, Environmental Health Disparities	Mentoring Committee
2025-present	Danielle Wallace, PhD Assistant Professor, Environmental Health, Rollins School of Public Health	Circadian health, light, neurological disease	Mentor

EDITORIAL BOARDS

<u>DATES</u>	<u>JOURNAL</u>	<u>ROLE</u>
2008-present	Environmental Toxicology	Editorial Board Member
2011-2013	Frontiers in Toxicogenomics	Associate Editor
2011-2014	PLoS One	Associate Editor
2014	PLoS Genetics	Guest Associate Editor
2014-15	Child Development	Guest Associate Editor

2015-2017	Clinical Epigenetics	Section Editor, <i>Nutritional and Environmental Epigenetics</i>
2015-present	Environmental Epigenetics	Editorial Review Board
2015	Child Development	Guest Editor, Special Issue on Behavioral Epigenetics

JOURNAL REFEREE ACTIVITY

<u>DATES</u>	<u>JOURNAL NAME</u>
2007-present	<i>The American Journal of Obstetrics and Gynecology</i>
	<i>The American Journal of Epidemiology</i>
	<i>BMC Cancer</i>
	<i>BMC Medical Genomics</i>
	<i>Biological Psychiatry</i>
	<i>British Journal of Cancer</i>
	<i>Cancer</i>
	<i>Cancer Epidemiology, Biomarkers, and Prevention</i>
	<i>Cancer Research</i>
	<i>Carcinogenesis</i>
	<i>Clinical Cancer Research</i>
	<i>Clinical Epigenetics</i>
	<i>Environmental Health Perspectives</i>
	<i>Environmental Toxicology</i>
	<i>Epigenetics</i>
	<i>Epigenomics</i>
	<i>European Journal of Cancer</i>
	<i>FASEB Journal</i>
	<i>Genome Biology</i>
	<i>Human Molecular Genetics</i>
	<i>Human Reproduction</i>
	<i>International Journal of Cancer</i>
	<i>JAMA Psychiatry</i>
	<i>JAMA Pediatrics</i>
	<i>Journal of Clinical Endocrinology and Metabolism</i>
	<i>Journal of Occupational and Environmental Medicine</i>
	<i>Lancet Oncology</i>
	<i>Molecular Carcinogenesis</i>
	<i>Nature Genetics</i>
	<i>New England Journal of Medicine</i>
	<i>Neurotoxicology Research</i>
	<i>Nucleic Acids Research</i>
	<i>Placenta</i>
	<i>PLoS Genetics</i>
	<i>PLoS One</i>
	<i>Psychoneuroendocrinology</i>

Reproduction, Fertility, and Development
Reproductive Toxicology

MEMBERSHIPS, OFFICE AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES

<u>DATES</u>	<u>SOCIETY</u>	<u>ROLE</u>
2004-present	American Association for Cancer Research	Member
2011-2015	Society of Toxicology	Member
2020-present	American Association for the Advancement of Science	Member
2014-present	International Society for Environmental Epidemiology	Member
2014-present	International Society for Children's Health and the Environment	Member
2023-present	Project Tندر	Member