

CURRICULUM VITAE

STEPHANIE M. ENGEL, PHD

PERSONAL

BUSINESS

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EDUCATION

- 2003 Doctor of Philosophy (Epidemiology)
The University of North Carolina, Chapel Hill, NC
- 2000 Master of Science in Public Health (Epidemiology)
The University of North Carolina, Chapel Hill, NC
- 1997 Bachelor of Arts (Psychology)
The University of California, San Diego, CA
- 1997 Bachelor of Science (Animal Physiology and Neuroscience)
University of California, San Diego, CA

OTHER TRAINING & FELLOWSHIPS

- 2004 Postdoctoral Research Associate, Mount Sinai School of Medicine, Department of
Community and Preventive Medicine, New York, NY
- 2004 UW-FHCRC SNP Variation Discovery Workshop, Seattle, WA
- 2001 – 2003 Pre-doctoral Fellow, HIV/STD and Infectious Disease, National Institutes of Health.
Department of Infectious Diseases, School of Medicine, University of North Carolina at
Chapel Hill
- 2001 Cancer Epidemiology Research Training Award (CERTA) pre-doctoral fellow, Viral
Epidemiology Branch of the Division of Cancer Epidemiology and Genetics, National
Cancer Institute

PROFESSIONAL EXPERIENCE

- 2021 Director, UNC Center for Early Life Exposures and Neurotoxicity (UNC CLEAN)
2018 Deputy Director, UNC Center for Environmental Health and Susceptibility (2 P30)

- ES010126-15A1)
- 2018-2021 Associate Chair, Department of Epidemiology, University of North Carolina, Chapel Hill, NC
- 2018 Professor, Department of Epidemiology, University of North Carolina, Chapel Hill, NC
- 2011 Associate Professor, Department of Epidemiology, University of North Carolina, Chapel Hill, NC
- 2004 – 2011 Associate Professor (2009-2011), Assistant Professor (2005-2009), Instructor (2004-2005), Department of Preventive Medicine, Mount Sinai School of Medicine, New York, NY

HONORS

- 2021 NIEHS Extramural paper of the month, May 2021, Choi et al. “Prenatal phthalate exposure and executive function in preschool children.”
- 2017 John E. Larsh Jr. Excellence in Mentoring Award, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
- 2014 AJE “Article of the Year” 2014 “Neonatal genome-wide methylation patterns in relation to birthweight in the Norwegian Mother and Child Cohort.”
- 2012 EHP paper of the year 2012 “Prenatal Exposure to Organophosphates, Paraoxonase 1, and Cognitive Development in Childhood”.
- 2004 Excellence in Public Health Research Book Award, Order of Omega
- 2003 Mulherin SA et al. AIDS 2003 (see publications) selected as one of the six best papers for 2003 in the area of epidemiology/social research published by AIDS. Article featured in AIDS 2003: A Year in Review, 17 (Supplement 5)
- 2002 Scientific Impact Award for “Effects of *CCR5-Δ32* and *CCR2-64I* alleles on HIV-1 disease progression: The protection varies with duration of infection,” NCI, Division of Cancer Epidemiology and Genetics
- 2002 Society for Epidemiological Research (SER) Student Workshop

BIBLIOGRAPHY

** Denotes student/postdoc work for which SM Engel was primary mentor*

(A) ARTICLES IN PEER-REVIEWED JOURNALS

1. *Bauer AE, Avery CL, Shi M, Weinberg CR, Olshan AF, Harmon QE, Luo J, Yang J, Manuck T, Wu MC, Klungsoyr K, Trogstad L, Magnus P, Engel SM “Do genetic variants modify the effect of smoking on risk of preeclampsia in pregnancy?” American Journal of Perinatology. In press
2. *Rosen EM, Siega-Riz AM, Martin C, Ludwig K, Basta P, Buck GA, Serrano MG, Fetweiss J, Wu, MC, Fodor AA, Engel SM. “Is prenatal diet associated with the composition of the vaginal microbiome?” In press PPE
3. Barrios YV, Maselko J, Engel SM, Pence BW, Olshan AF, Meltzer-Brody S, Dole N, Thorp JM. “The relationship of cumulative psychosocial adversity with antepartum depression and anxiety” Depress Anxiety. 2021 PMID 34370895.

4. Skogheim TS, Weyde KVF, Aase H, Engel SM, Suren P, Oie MG, Biele G, Reichborn-Kjennerud T, Brantsaeter AL, Haug LS, Sabaredzovic A, Auyeung B, Villanger GD. "Prenatal exposure to per- and polyfluoroalkyl substances (PFAS) and associations with attention-deficit/hyperactivity disorder and autism spectrum disorder in children." *Environ Res* 2021; PMID 34293314.
5. *Kamai EM, Villanger GD, Nethery RC, Thomsen C, Sakhi AK, Drover SSM, Hoppin JA, Knudsen GP, Reichborn-Kjennerud T, Zeiner P, Overgaard K, Herring AH, Aase H, Engel SM. "Prenatal Phthalate Exposure and Preschool Attention Deficit Hyperactivity Disorder (ADHD) in the Norwegian Mother, Father and Child Cohort Study (MoBa)". *Environ Epidemiol*. 2021 Jul 1;5(4):e161. PMID: 34414345
6. Weyde KV, Olsen AK, Duale N, Kamstra JH, Skogheim TS, Caspersen IH, Engel SM, Biele G, Zia Y, Meltzer HM, Aase H, Villanger GD. "Gestational blood levels of toxic metal and essential element mixtures and associations with global DNA methylation in pregnant women and their infants". *Sci Total Environ*. 2021 Sep 15;787:147621. PMID: 34000534
7. Gondalia R, Baldassari A, Holliday KM, Justice AE, Stewart JD, Liao D, Yanosky JD, Engel SM, Sheps D, Jordahl KM, Bhatti P, Horvath S, Assimes TL, Demerath EW, Guan W, Fornage M, Bressler J, North KE, Conneely KN, Li Y, Hou L, Baccarelli AA, Whitsel EA. "Epigenetically mediated electrocardiographic manifestations of sub-chronic exposures to ambient particulate matter air pollution in the Women's Health Initiative and Artherosclerosis Risk in Communities Study". *Environ Res*. 2021 Jul;198:111211. PMID 33895111
8. *Choi G, Keil AP, Richardson DB, Daniels JL, Hoffman K, Villanger GD, Sakhi AK, Thomsen C, Reichborn-Kjennerud T, Aase H, Engel SM. "Prenatal exposure to organophosphate esters and the risk of attention-deficit hyperactivity disorder in the Norwegian Mother, Father and Child Cohort Study". *Environ Int*. 2021 Sep;154:106549. PMID 33910116
9. *Choi G, Keil AP, Villanger GD, Richardson DB, Daniels JL, Hoffman K, Sakhi AK, Thomsen C, Herring AH, Drover SMM, Nethery R, Aase H, Engel SM. "Pregnancy exposure to common-detect organophosphate esters and phthalates and maternal thyroid function" *Sci Total Environ*. 2021 Aug 15;782:146709. PMID 33839654
10. Nichols HB, Baggett CD, Engel SM, Getahun D, Anderson C, Cannizarro NT, Green L, Gupta P, Laurent CA, Lin PC, Meernik C, Moy LM, Wantman E, Xu L, Kwan ML, Mersereau JE, Chao CR, Kushi LH. "The Adolescent and Young Adult (AYA) Horizon Study: An AYA cancer survivorship cohort." *Cancer Epidemiol Biomarkers Prev* 2021; Feb (22):1315.2020 PMID 33619021
11. *Roell KR, Harmon QE, Klungsoyr K, Bauer A, E Magnus P, Engel SM. "Clustering Longitudinal Blood Pressure Trajectories to Examine Heterogeneity in Outcomes among Preeclampsia Cases and Controls". *Hypertension*. 2021 Jun;77(6):2034-2044. PMID 33813841
12. Skogheim TS, Weyde KVF, Aase H, Engel SM, Suren P, Øie MG, Biele G, Reichborn-Kjennerud T, Caspersen IH, Hornig M, Villanger GD. "Metal and essential element concentrations during pregnancy and associations with autism spectrum disorder and attention-deficit/hyperactivity disorder in children." *Environ Int*. 2021 Jul;152:106468. PMID 33765546

13. Engel SM, Patisaul HB, Brody C, Hauser R, Zota AR, Bennet DH, Swanson M, Whyatt RM. “Neurotoxicity of Ortho-Phthalates: Recommendations for Critical Policy Reforms to Protect Brain Development in Children.” *AJPH* 2021 APR;149:106403. PMID 33524667.
14. *Choi G, Villanger GD, Drover SSM, Sakhi AK, Thomsen C, Nethery RC, Zeiner P, Knudsen GP, Reichborn-Kjennerud T, Overgaard KR, Herring AH, Skogan AH, Biele G, Aase H, Engel SM. “Prenatal Phthalate Exposures and Executive Function in Preschool Children.” *Environ Int.* 2021; 149:106403. PMID 33524667
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17. Suarez EA, Boggess K, Engel SM, Stürmer T, Lund JL, Jonsson Funk M.” Ondansetron use in early pregnancy and the risk of miscarriage. “*Pharmacoepidemiol Drug Saf.* 2020 Sep 30. doi: 10.1002/pds.5143. Online ahead of print. PMID: 33000871
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Atherosclerosis Risk in Communities Study. *Environ Health Perspect.* 2020 Jan;128(1):17004. doi:10.1289/EHP5360. Epub 2020 Jan 6. PubMed PMID: 31903802

21. Villanger GD, Drover SSM, Nethery RC, Thomsen C, Sakhi AK, Øvergaard KR, Zeiner P, Hoppin JA, Reichborn-Kjennerud T, Aase H, Engel SM. “Associations between urine phthalate metabolites and thyroid function in pregnant women and the influence of iodine status.” *Environ Int.* 2020 Apr;137:105509. doi: 10.1016/j.envint.2020.105509. Epub 2020 Feb 7. PMID: 32044443
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23. Landi SN, Radke S, Boggess K, Engel SM, Stürmer T, Howe AS, Jonsson Funk M. Comparative effectiveness of metformin versus insulin for gestational diabetes in New Zealand. *Pharmacoepidemiol Drug Saf.* 2019 Dec;28(12):1609-1619. doi: 10.1002/pds.4907. Epub 2019 Nov 6. PubMed PMID: 31693269.
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26. Doherty BT, Hoffman K, Keil AP, Engel SM, Stapleton HM, Goldman BD, Olshan AF, Daniels JL. Prenatal exposure to organophosphate esters and behavioral development in young children in the Pregnancy, Infection, and Nutrition Study. *Neurotoxicology.* 2019 Apr 3;73:150-160.
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vitamin A and maternal and offspring variants in vitamin A-related genes: A report of the Children's Oncology Group. *Cancer Epidemiol.* 2019 Aug;61:165-171. doi: 10.1016/j.canep.2019.06.009. Epub 2019 Jul PubMed PMID: 31279991; PubMed Central PMCID: PMC6730673.

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58. *Villanger GD, Learner E, Longnecker MP, Ask H, Aase H, Zoeller RT, Knudsen GP, Reichborn-Kjennerud T, Zeiner P, Engel SM. "The effect of sample handling and analytic procedures on thyroid hormone concentrations in plasma from pregnant women: implications for birth cohort studies." *Epidemiology.* 2017 May;28(3):365-369.
59. *Buckley JP, Herring AH, Wolff MS, Calafat AM, Engel SM. "Prenatal exposure to environmental phenols and childhood fat mass in the Mount Sinai Children's Environmental Health Study." *Environ Int.* 2016 May;91:350-6.
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NO; American College of Obstetricians and Gynecologists (ACOG); Child Neurology Society; Endocrine Society; International Neurotoxicology Association; International Society for Children's Health and the Environment; International Society for Environmental Epidemiology; National Council of Asian Pacific Islander Physicians; National Hispanic Medical Association; National Medical Association. Project TENDR: Targeting Environmental Neuro-Developmental Risks The TENDR Consensus Statement. *Environ Health Perspect.* 2016 Jul 1;124(7):A118-22.

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113. Engel SM, Levy B, Liu Z, Kaplan D, Wolff MS. “Xenobiotic Phenols in Early Pregnancy Amniotic Fluid.” *Reproductive Toxicology* 2006; 21(1) 110-12.
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(B) EDITORIALS/BOOK CHAPTERS/LETTERS

1. Engel SM, Daniels, JL. "On the complex relationship between genes and environment in the etiology of Autism". *Epidemiology*. 2011 Jul;22(4):486-8. (Invited Commentary)
2. Berkowitz GS, Engel SM, "Incidence and sociodemographic characteristics of preterm birth" *UpToDate*, Rose, BD (Ed), *UpToDate*, Wellesley, MA 2005.
3. Jackson MM; Mulherin SA; Rickman LS. "Dumpster Diving in Sharps Containers: What's Really Inside?" *Infection Control and Hospital Epidemiology* 1996, (17)9: 570-1. *Letter to the Editor*.
4. Hertz-Picciotto I; Engel SM. (2021) "Environmental Epidemiology". In T. Lash, T.J. VanderWeele, S. Haneuse, K.J. Rothman, *Modern Epidemiology*, (4th ed.). Lippincott-Raven, Philadelphia PA.

TEACHING RECORD

(A) CLASSROOM INSTRUCTION

1. **Lead Instructor, EPID 851 (Introduction to Pediatric and Perinatal Epidemiology).** Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Fall 2012 (25 students), Fall 2015 (12 students). (3 credit hours).
2. **Lead Instructor, Epid 742 (Integrating Biomarkers in Population-based Research).** Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Fall 2012 (15 students), Spring 2015 (8 students), Spring 2017 (5 students). (2 credit hours), Spring 2019 (12 students).
3. **Lead Instructor, EPID 853 (Advanced Pediatric and Perinatal Epidemiology).** Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Spring 2012 (10 students); Spring 2018 (11 students); Spring 2020 (13 students) (2 credit hours).
4. **Co-Instructor, EPID 725 (1 credit hour), 726 (3 credit hours) (Epidemiologic Research Methods).** Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. EPID 725 Fall 2019, EPID 726 Spring 2020, EPID 726 Fall 2020. (~45 students per term)
5. **Guest Lecturer, Environmental Epidemiology.** Department of Epidemiology, School of Public health, UNC-CH, 2012-2019 (5 students)
6. **Guest Lecturer, EPID 853 (Advanced Topics in Perinatal and Pediatric Epidemiology).** Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Spring 2011. 2013-2016 (10 students)

(B) Advising/Mentoring

Postdoctoral Fellows

2020-(2023) Amanda Ramos, PhD
 2018-2020 Kyle Roell, PhD
 2016-2018 Alison Singer, PhD
 2015-2016 Jessie Buckley, PhD
 2014-2015 Virginia Guidry, PhD

Dissertation Thesis Committee Chair

2012 Quaker Harmon, MD, PhD
 “The role of inflammatory and cell cycle genes in adverse maternal and fetal outcomes”.
 Current position: Staff Scientist, NIEHS

2013 Anne Starling, MS, PhD
 “Prenatal Perflourinated Chemical Exposure and Preeclampsia in the Norwegian Mother and Child Cohort”.
 Current position: Tenure track Assistant Professor, UC Denver

- 2014 Jessie Buckley, PhD
 “Prenatal phthalate exposure and childhood growth and adiposity”
 Current position: Tenure Track Assistant Professor, Johns Hopkins University
- 2016 Melissa Furlong, PhD
 “Prenatal Exposure to Organophosphorous Pesticides and Neurodevelopmental Patterns in Childhood”
 Current position: Postdoctoral Fellow, University of Arizona
- 2017 Anna Bauer, PhD
 “Prenatal smoking, carbon monoxide signaling and preeclampsia in the Norwegian Mother and Child Cohort”
 Current Position: Assistant Professor of Psychiatry, UNC Chapel Hill
- 2019 Samantha Drover, PhD MSc
 “Prenatal maternal thyroid function and preschool ADHD”
 Current Position: Postdoctoral Fellow, McGill University
- 2020 Giehae Choi, PhD, MPH
 “Prenatal organophosphate ester exposure, thyroid dysfunction and ADHD”
 Current Position: Postdoctoral Fellow, Johns Hopkins University

PhD Academic Advisor

- 2021-(2026) Kimiko Van Wickle, MPH
 2021-(2026) Kayla Bruce, MPH
 2021-(2023) Cherrel Manley, MSPH
 2018-(2023) Jake Thistle, MPH
 2018-(2021) Amber Hall, MPH
 2019-(2023) Emma Rosen, MPH

Master’s Thesis Committee Chair

- 2014-2015 Brett Doherty, (MSPH/PhD)
 2014-2017 Elizabeth Kamai (MSPH/PhD)
 2014-2017 Adrien Wilkie (MSPH/PhD)
 2015-2017 Arbor Quist (MSPH/PhD)
 2016-2018 Christina Nichols (MSPH/PhD)
 2018-2020 Cherrel Manley (MSPH/PhD)

Undergraduate Mentorship

- 2017-2018 Cherrel Manley, (BS)
 McNair Scholar, Chancellor’s Science Scholar
 “Prenatal Phthalate Exposure and Preterm Birth”

Thesis Committee Membership (non-advisees)

2021-(2023) Yitian Zhang, MPH (Chair, Julie Daniels)
2020-(2022) Clare Meernik, MPH (Chair, Hazel Nichols)
2018-2021 Yasmin Barrios, PhD Epidemiology (Chair, Asia Maselko)
2018-2019 Brett Doherty, PhD Epidemiology (Chair, Julie Daniels)
2017-2019 Elizabeth Suarez, PhD Epidemiology (Chair, Michelle Johnson-Funk)
2017-2019 Rahul Gondalia, PhD Epidemiology (Chair, Eric Whitsel)
2016-2018 Suzanne Landi, PhD Epidemiology (Chair, Michelle Johnson-Funk)
2013-2016 Elizabeth Dehmer, PhD Epidemiology (Chair, Gerardo Heiss)
2015-2017 Jenny Yang, PhD Biostatistics (Chair, Wei Sun)
2015-2017 Christina Cordero, PhD Epidemiology (Chair, Julie Daniels)
2014-2016 Jaymin Patel, PhD Epidemiology (Chair, Steven Meshnick)
2014-2016 Amanda Eudy, PhD Epidemiology (Chair, Anna Maria Siega-Riz)
2014-2016 Angela Liu, PhD Epidemiology (Chair, Andrew Olshan)
2013-2015 Shannon Grabich, PhD Epidemiology (Chair, Whitney Robinson)
2012-2013 David Kessler, PhD Biostatistics (Chair, Amy Herring)
2012-2013 Jennifer Clark, PhD Biostatistics (Chair, Michael Wu)

GRANTS AND CONTRACTS

**submitted with student/postdoctoral advisee*

(A) ACTIVE

R01 ES028804-01 (Dunson) 01/01/2018 - 12/31/2023 1.2 CM

Total Directs \$319,556 (UNC Subcontract)

NIH/NIEHS

“Structured nonparametric methods for mixtures of exposures”

This study develops new statistical methods for analyzing exposure mixtures, and incorporates computational toxicology data to inform exposure groupings and refine dose-response estimation.

Role: Co-Investigator, PI of UNC Subcontract

R01ES027498 (Herring) 09/01/2017 – 08/31/2022 0.6 CM

Total Directs: Total Directs \$107,251 (UNC Subcontract)

NIH/NIEHS

“Reproducibility and Robustness in Dimension Reduction”

This grant examines statistical approaches for the modeling of multidimensional exposure and outcome data, commonly found in environmental research.

Role: Co-Investigator, PI of UNC Subcontract

R01CA204258-01A1 (Nichols) 06/01/2017 - 05/31/2022 0.6 CM

Total Directs \$2,726,024

NIH/NCI

“Clinical Pregnancy Outcomes in Adolescent and Young Adult Female Cancer Survivors”

This multi-center grant seeks to examine pregnancy outcomes among young adult cancer survivors, their relationships with treatment, and the influence of assisted reproductive therapies.

Role: Co-Investigator

| | | |
|---|-------------------------|--------|
| 4T32ES007018-41 (Fry, Engel, Zhou) | 07/01/2017 – 06/30/2022 | 0 CM |
| Total Directs \$6,689,840 | | |
| NIH/NIEHS | | |
| “Biostatistics for Research in Environmental Health” | | |
| This multidisciplinary training grant funds approximately 30 pre and postdoctoral fellows across three departments: Biostatistics (Zhou H), Environmental Sciences and Engineering (Fry R) and Epidemiology (Engel SM). | | |
| Role: Multiple Principal Investigator | | |
| | | |
| R01MD011504 (Engel) | 02/01/2017 – 1/31/2021 | 2.4 CM |
| Total Directs \$2,089,541 | | |
| NIH/NIMHD | | |
| “The Vaginal Microbiome and Racial Disparity in Preterm Birth” | | |
| This project seeks to determine the association of vaginal microbial ecology with preterm birth, and the relationship between xenobiotic, psychological, and nutritional factors and vaginal microbiome profiles. | | |
| Role: Principal Investigator | | |
| | | |
| P30 ES010126 (Troester) | 06/01/2021-2/28/2026 | 1.8 CM |
| Total Directs \$5,000,000 | | |
| NIH/NIEHS | | |
| “UNC Center for Environmental Health and Susceptibility” | | |
| This center provides core support and facilitates research into environmental causes of health concerns, emphasizing innate susceptibility and mechanistic studies. | | |
| Role: Deputy Director and Director of the Developmental Diseases Translation Research group. | | |
| | | |
| RD-84021901 (Engel, Director) | 07/01/2021 – 06/30/2025 | 1.8 CM |
| STAR Program | | |
| Total Directs \$1,894,9823 | | |
| EPA | | |
| “UNC Center for Early Life Exposures and Neurotoxicity (UNC CLEAN)” | | |
| The vision of the UNC Center for Early Life Exposures and Neurotoxicity (UNC CLEAN) is to provide new knowledge on the role of early life phthalate exposures on neurobehavioral development, discover the underlying neural substrates that link phthalate exposures to developmental outcomes, and translate interdisciplinary science to community stakeholders. | | |
| Role: Director and MPI of Project 1 | | |
| | | |
| R01 ES033518 (Engel, Lin MPI) | 07/01/2021 – 06/30/2026 | 3.6 CM |
| Total Directs \$2,499,999 | | |
| NIH/NIEHS | | |
| “Early Life Phthalate Exposures in Relation to Structural and Functional Brain Development” | | |
| This project seeks to examine the influence of early life exposure to environmental contaminants on brain morphology and connectivity, but collecting environmental biomarkers and environmental survey data, and leveraging the UNC Baby Connectome Project, a multi-year longitudinal study conducting serial neuroimaging of infants from birth through age 4 years. | | |
| Role: Multiple Principal Investigator | | |

U01 DA055344-01 (Lin, Grewen) 09/01/2021 – 08/31/2026 0.6CM
Total Directs \$1,099,114
NIH/NIDA
“5/6 HBCD Prenatal Experiences and Longitudinal Development (PRELUDE) Consortium”
Major Goals: The objectives of our HEALthy Brain and Child Development (HBCD) Prenatal Experiences and Longitudinal Development (PRELUDE) consortium are to characterize typical trajectories of brain development from birth through childhood, measuring the influence of key biologic and environmental factors and their interactions on child social, cognitive, and emotional development.
Role: Co-Investigator

(B) PENDING

T32ES007018 (Fry, Engel, Zhou) 07/01/2022 – 06/30/2027 0 CM
Total Directs \$6,689,840
NIH/NIEHS
“Biostatistics for Research in Environmental Health”
This multidisciplinary training grant funds approximately 30 pre and postdoctoral fellows across three departments: Biostatistics (Zhou H), Environmental Sciences and Engineering (Fry R) and Epidemiology (Engel SM).
Role: Multiple Principal Investigator

(C) COMPLETED

Norwegian Research Council (Aase, Zeiner) 0 CM
“NeuroTox”
This study seeks to examine the influence of prenatal exposure to metals mixtures, cord blood methylation, and risk of ADHD, Cerebral Palsy, and Autism in the Norwegian Mother and Child Cohort.
Role: Collaborator

Gillings Innovation Lab (Engel) 08/01/2017 – 07/30/2019 0 CM
Total Directs: \$ 138,904
UNC Chapel Hill
“Environmental Impacts on Early Brain Development”
This project seeks to examine the influence of early life exposure to environmental contaminants on brain morphology and connectivity, but collecting environmental biomarkers and environmental survey data, and leveraging the UNC Baby Connectome Project, a multi-year longitudinal study conducting serial neuroimaging of infants from birth through age 4 years.
Role: Principal Investigator

P30 Transdisciplinary Pilot Project (Engel) 05/01/2017 – 04/30/2018 0 CM
Total Directs: \$50,000
UNC Chapel Hill, Center for Environmental Health and Susceptibility
“Environmental Impacts on Early Brain Development”

This project seeks to examine the influence of early life exposure to environmental contaminants on brain morphology and connectivity, but collecting environmental biomarkers and environmental survey data, and leveraging the UNC Baby Connectome Project, a multi-year longitudinal study conducting serial neuroimaging of infants from birth through age 4 years.

Role: Principal Investigator

R01ES021777 (Engel) 8/30/2012 – 5/31/2017 3.6 CM

Total Directs \$2,101,158

NIH/NIEHS

“Prenatal Toxicant Exposure and Risk of Attention-Deficit Hyperactivity Disorder”

This project seeks to determine the association of prenatal toxicant exposures with the incidence of ADHD in the Norwegian Mother and Child Birth cohort, and to examine the extent to which maternal thyroid hormone disruption mediates any effects. I am the PI of this project and am responsible for all aspects of project completion.

Role: Principal Investigator

*R21ES021700 (Engel) 11/1/2012 – 10/30/2013 1.2 CM

Total Directs: \$275,000

NIH/NIEHS

“A Pooled Investigation of Prenatal Phthalate Exposure and Childhood Obesity”;

This study pooled data from three children’s environmental health studies for the investigation of prenatal exposure in relation to childhood growth and adiposity.

Role: Principal Investigator (Co-written with Jessie Buckley, predoc)

R01HD058008 (Engel) 06/01/2008 – 05/31/2013 3.6 CM

Total Directs \$1,937,255

NIH/NICHD

“Maternal Smoking, Maternal and Fetal Genetic Variation, and Risk of Preeclampsia”

This was a maternal-child dyad case-control study of gene-smoking interactions in the etiology of preeclampsia, nested within the Norwegian Mother and Child cohort.

Role: Principal Investigator

P30 Transdisciplinary Pilot Project (Engel) 04/01/2011-03/31/2012 0 CM

Total Directs: \$50,000

UNC Chapel Hill

“Investigation of Biospecimen Integrity for the Examination of Prenatal Toxicant Exposure in relation to Attention-Deficit Hyperactivity Disorder in the Norwegian Mother and Child Birth Cohort (MoBa)”

This project examined the integrity of biospecimens for the measurement of toxicants and thyroid hormones in stored specimens, to support an R01 application (later awarded).

Role: Principal Investigator

R21HD060207 (Engel) 05/15/2009 - 04/30/2011 1.2 CM

Total Directs: \$275,000

NIH/NICHD

“Maternal Genetic Variation and Risk of Adverse Pregnancy Outcome”

This project examined maternal genetic influences on adverse pregnancy outcomes in the UNC Pregnancy and Nutrition Cohort.

Role: Principal Investigator

P01ES09584 (Wolff) 11/01/2003 – 10/31/2011 3.6 CM
Total Directs: \$4,747,920
NIH/NIEHS & EPA
“Mount Sinai Center for Children’s Environmental Health and Disease Prevention Research Center”
In the first cycle of this award, the MSSM Children’s Study sought to examine the role of pesticide exposures in child health and development. In the second cycle, the MSSM expanded to endocrine disruptors, including phthalates, BPA and other hormonally active compounds. Project 2, led by Dr. Stephanie Engel, was the longitudinal birth cohort which supplied the epidemiological data for this center.
Role: Project 2, Principal Investigator

U19A1062623 (Moran) 03/01/2005 – 03/31/2011 1.8 CM
Total Directs: \$12,321,920
NIH/NIAID
“Viral Immunity in Influenza Infected Adults”
Role: Co-Investigator

Pilot Award (Engel) 0 CM
Total Directs: \$15,000
Mount Sinai Research and Clinical Translation Unit
“Maternal Genetic Variation and Adverse Pregnancy Outcomes”
Role: Principal Investigator

R21ES014034 (Engel) 06/01/2006 – 05/31/2010 1.2 CM
Total Directs: \$275,000
NIH/NIEHS
“Advanced Reproductive Age and Environmental Health”
Role: Principal Investigator

Mount Sinai School of Medicine CIVIA Pilot (Stein) 09/01/2008 – 08/31/2009 0 CM
Total Directs: \$20,000
“Viral Immunity in Influenza Infected Adults”
Role: Co- Investigator

Mount Sinai School of Medicine Pilot Award (Engel, Stein) 11/01/2008 – 10/31/2009 0 CM
Total Directs: \$19,870
“A Pilot Exposure Assessment Using Newly Identified Biomarkers”
Role: Principal Investigator (MPI)

R21HD050739 (Savitz) 01/01/2006 – 06/30/2007 1.2 CM
NIH/NICHHD
Total Directs: \$275,000
“Ethnicity and Pregnancy Outcomes in New York City”
Role: Co-Investigator

Mount Sinai School of Medicine Pilot Award (Engel) 08/01/2004 – 07/31/2005 0 CM
Total Directs: \$15,000
“A Pilot Investigation of in utero Bisphenol A Exposure and Birth Outcomes”
Role: Principal Investigator

R8208270 (Wolff) 08/01/2002 – 07/31/2005 3 CM
EPA
Total Directs: \$748,512
“Markers of Individual Susceptibility and Outcome Related to Fetal and Infant Growth and Development”
Role: Co-Investigator

PROFESSIONAL SERVICE

UNIVERSITY OF NORTH CAROLINA SCHOOL OF PUBLIC HEALTH, DEPARTMENT OF EPIDEMIOLOGY

2011-2018 Graduate Studies Committee
2013 Reviewer, Department of Epidemiology Kaplan Award papers
2013 Faculty mentorship committee: Dr. Laura Loehr
2014 Member, Review Committee for UNC Institute for the Environment
2014 Member, Department of Epidemiology Staff Excellence Award Committee (Employee Recognition Program)
2015 Search Committee for Assistant Director of Graduate Studies
2015 Search Committee for Clinical Assistant Professor of Epidemiology
2015 Search Committee for Research Assistant Professor of Epidemiology
2016 Faculty mentorship committee: Dr. Tania Desrosiers
2017 Search Committee for Chair of Epidemiology, UNC Chapel Hill
2017 Faculty mentorship committee: Dr. Kim Powers
2017 Faculty mentorship committee: Dr. Hazel Nichols
2020 Faculty mentorship committee: Dr. Chantel Martin
2020 Chair, Multiple Position Tenure Track Search, Department of Epidemiology UNC-CH

MOUNT SINAI SCHOOL OF MEDICINE

2010-2011 Member, Faculty Council

NIH GRANT REVIEWS

2009 Temporary Member, IRAP (ZRG1 IRAP-Q 01) study section, June 8-9, 2009, Alexandria VA
2009 Reviewer ZRG1 PSE-F 95 (S), June 9 2009 Alexandria VA
2009 Reviewer ZES1 SET-V 01, NIEHS: “Assessing and Addressing Community Exposures to Environmental Contaminants”, July 13-15 2009, Research Triangle Park, NC
2010 Temporary Member, IRAP (ZRG1 IRAP-Q 01) study section, June 3-4, 2010, Chicago IL
2010 Temporary Member, IRAP (ZRG1 IRAP-Q 01) study section, June 6-7, 2010, Washington, DC

- 2012 NIH CSR Social Sciences and Population Studies (ZRG1-SPSS), Feb 23-24, 2012
- 2013 NIH CSR NAME, Feb 13-15, 2013 San Antonio, TX
- 2013 NIH CSR NAME, Dec 17-18, 2013 Washington, DC
- 2015 NIEHS Special Emphasis Panel for Career Awards (K22 & K23) ZES1 LKB-D (C) 1, April 8
- 2016 NIH CSR IRAP, Feb 11-12, 2016, Washington, DC
- 2017 NIH Fellowships: Risk, Prevention and Health Behavior ZRG1 F16-M (09)F March 23, 2017
- 2017-2021 Member, Infectious Disease, Reproductive Health, Asthma and Pulmonary Conditions (IRAP) NIH study section (July 1, 2017 – June 30, 2021)

EDITORIAL BOARD

- 2010- Editorial Board, Epidemiology
- 2016-2021 Editorial Board, Environmental Research
- 2017- Editorial Board, International Journal of Hygiene and Environmental Health

OTHER NATIONAL SERVICE

- 2010 Workgroup Member of Endocrine Disruptors Workgroup, “Optimizing Expose Metrics for the National Children's Study” Workshop; Sponsors: EPA, NIEHS, and the National Children’s Study (NCS)
- 2012-2014 Member, IOM Committee for the Review of the Health Effects in Vietnam Veterans of Exposure to Herbicides 9th Biennial Update
- 2015-ongoing Member, Project TENDR “Targeting environmental and neurodevelopmental risks” *Project TENDR is a small committee of 40 invited scientists, health providers and advocates for children’s health and development, brought together for the purpose of consensus building to determine a set of environmental chemicals for which the evidence and levels of exposure warrant action; and to prepare dissemination and implementation plans for the recommendations.*
- 2016 Reviewer, Division of Intramural Population Health Research (DIPHR), Eunice Kennedy Shriver National Institute of Child Health and Human Development (Oct, 2016)
- 2017 P30 External Advisory Board Member, Mount Sinai School of Medicine (PI, Robert Wright).
- 2020-ongoing Chair, External Advisory Committee, Center for Population Health Research, University of Montana (Director, Curtis Noonan)
- 2020-ongoing External Advisor, NIEHS ONES Award for Abby Fleisch

TENURE AND PROMOTION REVIEWS

- Portland State University
- University of Louisville
- University of Wisconsin-Milwaukee
- University of Pittsburgh
- University of Utah, Salt Lake
- University at Buffalo

JOURNAL REVIEWER

Reproductive Toxicology
American Journal of Human Genetics
Environment International
Pediatrics
International Journal of Epidemiology
American Journal of Clinical Nutrition
Paediatric and Perinatal Epidemiology
Journal of Reproductive Immunology
Pediatric Research
Epidemiology
Genetics in Medicine
American Journal of Epidemiology
American Journal of Industrial Medicine
Environmental Health Perspectives
American Journal of Medical Genetics
JAMA

ORAL PRESENTATIONS

1. Engel SM “Impact and Major Outcomes of MoBa Contaminant Studies, Toxicant exposures and ADHD”. Invited speaker for NEUROTOX Consortium Meeting October 18, 2017; Oslo, Norway
2. Engel SM “Impact and Major Outcomes of MoBa Contaminant Studies”. Invited Plenary Speaker. April 20, 2017; Oslo, Norway
3. Engel SM “Perinatal Exposure to Endocrine Disrupting Compounds and Child Development”. Invited Speaker, Center for Developmental Diseases Investigator Forum. University of North Carolina, Chapel Hill. Nov 8, 2016.
4. Engel SM. “Strengthening Inferences in Molecular Environmental Epidemiology”. Symposium: “Pushing the Boundaries of Understanding Environmental Influences on Neurodevelopment.” International Meeting for Autism Research (IMFAR). (Invited symposium speaker) May 12, 2016
5. Engel SM. “Prenatal Exposure to Phthalates & Child Cognitive and Behavioral Development”. University of Illinois at Urbana-Champaign. Nov, 20, 2015. (Invited)
6. Engel SM “State of the Evidence: Prenatal Exposure to Phthalates & Child Cognitive and Behavioral Development”. University of Michigan Department of Environmental Health Sciences. Jan 24, 2014 (Invited)
7. Engel SM “Prenatal organophosphate pesticide exposure and child neurodevelopment at 24 months: A pooled analysis of the Mount Sinai, Berkeley, Cincinnati and Columbia Children’s Environmental Health Center Cohorts.” NCSU Environmental & Molecular Toxicology Department. Feb 26, 2013 (Invited)

8. Engel SM “Prenatal organophosphate pesticide exposure and child neurodevelopment at 24 months: A pooled analysis of the Mount Sinai, Berkeley, Cincinnati and Columbia Children’s Environmental Health Center Cohorts.” NIEHS Epidemiology Branch talk Dec 10, 2012. (Invited)
9. Engel SM. Conference: International Neurotoxicology Conference “Neurotox 27: Environmentally Triggered Neurodevelopmental Disorders: Focus on Endocrine Disruption and Sex Differences in Autism, ADHD and Schizophrenia”. Title: “Sex differences in behavioral effects of Endocrine Disrupting exposures in a Multiethnic Birth Cohort”. Research Triangle Park, NC. Monday Oct 31, 2011. (Invited plenary speaker)
10. Engel SM. “Prenatal BPA Biomarker levels and neurodevelopment in the Mount Sinai Children’s Environmental Health Center.” Symposium Speaker “In Utero BPA Exposure and Children’s Health”. International Society of Environmental Epidemiology, Barcelona, Spain. September 13, 2011.
11. Engel SM. “Prenatal Organophosphate Pesticides, PON1, and Neurodevelopment in the Mount Sinai Children’s Environmental Health Study.” Symposium Speaker “Organophosphate Pesticides & Neurodevelopment: Biological Plausibility and Findings from Three Children’s Environmental Health Centers”. International Society of Environmental Epidemiology, Barcelona, Spain. September 14, 2011.
12. Engel SM. “Prenatal Organophosphate Pesticides, PON1, and Neurodevelopment in the Mount Sinai Children’s Environmental Health Study.” Symposium Speaker “Organophosphate Pesticides & Neurodevelopment: Biological Plausibility and Findings from Three Children’s Environmental Health Centers”. Society for Epidemiologic Research, Montreal, Canada. June 23, 2011.
13. Engel SM. “Neurobehavioral Consequences of Prenatal Phthalate Exposure in a Multiethnic Birth Cohort” Molecular Epidemiology Special Interest Group (SIG) of the Environmental Mutagen Society (EMS), October 25th, 2010 Ft. Worth, Texas. (Invited)
14. Engel SM. “Neurobehavioral Consequences of Prenatal Phthalate Exposure in a Multiethnic Birth Cohort” NIEHS Center for Environmental Health Organics Core seminar series, October 4, 2010 Harvard School of Public Health. (Invited)
15. Engel SM. “Neurobehavioral Consequences of Prenatal Phthalate Exposure in a Multiethnic Birth Cohort” Prenatal Programming and Toxicity (PPTOX II) Symposium, Role of Environmental Stressors in the Developmental Origins of Disease, Dec 7-10, 2009 Miami Beach, FL. (Invited)
16. Engel SM. “Prenatal Exposure to Low Molecular Weight Phthalates and Childhood Behavior and Executive Functioning” International Society of Environmental Epidemiology, Dublin, Ireland, August 26, 2009
17. Engel SM. “Prenatal Phthalate Exposure and Neurodevelopment in a Multiethnic Birth Cohort” February 25, 2009. Center for Environmental Health and Susceptibility Seminar Series. University of North Carolina, Chapel Hill. (Invited)

18. Engel SM. “Prenatal Phthalate Exposure is Associated with Altered Neonatal Behavior in a Multiethnic Pregnancy Cohort” October 15, 2008. International Society of Environmental Epidemiology Annual Meeting. Pasadena, CA.
19. Engel SM. “New Approaches to Studying the Paradoxical Relationship between Maternal Smoking and Preeclampsia” September 18, 2008. Norwegian Institute of Public Health. Oslo, Norway. (Invited)
20. Engel SM. “Prenatal Toxicant Exposure and Neurodevelopment in a Multiethnic Pregnancy Cohort” September 10, 2008. Department of Psychiatry, Seaver Autism Research Seminar Series. Mount Sinai School of Medicine (Invited)
21. Engel SM. “Prenatal Exposure to Organophosphate and Organochlorines and Performance on the Brazelton Neonatal Behavioral Assessment Scale” June 23, 2006. Congress for Epidemiological Research, Environmental Epidemiology Session, Seattle WA.
22. Engel SM. “Pro- and Anti- Inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age or Spontaneous Preterm Births” February 25, 2005. National Institute of Child Health and Human Development, Division of Epidemiology, Statistics, and Prevention Research. (Invited)
23. Engel SM. “Genetic and Environmental Susceptibility to Adverse Reproductive Outcomes” June, 2004. Department of Obstetrics, Gynecology and Reproductive Sciences, Mount Sinai School of Medicine. (Invited)
24. Engel SM. “Anti-inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age or Spontaneous Preterm Birth” June 22, 2004. Society for Epidemiological Research, Fetal Growth Spotlight Session.
25. Engel SM. “Introductory workshop on statistical methods for inferred haplotype analyses using unphased genetic data” August, 2003 University of North Carolina at Chapel Hill. (Invited)

SELECTED ABSTRACTS/POSTERS (*STUDENT/FELLOW)

1. *Furlong M, Engel S, Barr D, Wolf M. “Prenatal Pyrethroid Exposure and Childhood Behavior and Executive Functioning.” Poster to be presented at the Society for Epidemiological Research, Seattle Washington, June 2017.
2. *Furlong M, Engel S, Buckley J, Daniels J, Engel L, Goldman B, Wolff M, Herring A. “Prenatal Exposure to Organophosphorus Pesticides and Childhood Neurodevelopmental Phenotypes.” Poster presented at Society for Epidemiological Research, Miami Florida, June 2016.
3. *Singer AB, Wolff MS, Engel SM. Prenatal phthalate exposures in relation to child temperament at 12 and 24 months. Poster at NIEHS Environmental Health Science FEST, Durham, NC, December 2016.

4. *Singer AB, Wolff MS, Silva M, Calafat A, Engel SM. Prenatal phthalate exposures and child temperament at 12 and 24 months. Poster at International Society for Environmental Epidemiology, September 2016.
5. *Kamai E, Canfield RL, Wolff MS, Werder E, Engel SM. Prenatal exposure to phthalates, working memory, and discrepancies in performance across intelligence domains among children in a multiethnic birth cohort in New York City. International Society for Environmental Epidemiology, Annual Conference, Rome, Italy, September 2016
6. *Kamai E, Canfield RL, Wolff MS, Werder E, Engel SM. Prenatal phthalate exposure, childhood IQ, and working memory in the Mount Sinai Children's Environmental Health Center. NIEHS Environmental Health Science FEST, Durham, North Carolina, USA, December 2016.
7. *AE Bauer, SM Engel, M Shi, CR Weinberg, CL Avery, AF Olshan, Q Harmon, T Manuck, K Klyngsøyr, L Trogstad, P Magnus. Maternal and Child Polymorphisms in Nitric Oxide and Carbon Monoxide Signaling Pathways and Preeclampsia in the Norwegian Mother and Child Cohort. Oral presentation at the Society for Perinatal and Pediatric Epidemiologic Research Annual Meeting. June 21, 2016. Miami, FL.
8. Eudy AM, Siega-Riz AM, Engel S, Franceschini N, Howard AG, Clowse MEB, Petri M. Effect of pregnancy on disease flares in patients with systemic lupus erythematosus. Arthritis and rheumatism. 2016;68(Suppl 10). Presented at American College of Rheumatology (ACR) Annual Meeting, Washington, DC, November 11-16, 2016 (oral presentation)
9. Eudy A, Siega-Riz AM, Engel S, Franceschini N, Howard AG, Clowse M, Petri M. Association of pre-pregnancy body mass index with preterm birth and birthweight percentiles in systemic lupus erythematosus. Annals of the rheumatic diseases 2015;74(Suppl 2). Presented at European League Against Rheumatism (EULAR) Annual Congress 2015, Rome, Italy, June 10-13, 2015 (poster presentation)
10. *Buckley JP, Engel SM, Herring AH. Assessing nonignorable loss to follow-up in a longitudinal birth cohort study of body fat in childhood. 28th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research. Denver, Colorado. June 2015.
11. *Buckley JP, Engel SM, Herring AH, Mendez MA, Richardson DB, Calafat AM, Wolff MS. Prenatal phthalate exposure and fat mass in childhood: examining the obesogen hypothesis. Society for Epidemiologic Research Annual Meeting. Seattle, Washington. June 2014.
12. *Buckley JP, Engel SM, Herring AH, Braun JM, Whyatt RM, Daniels JL, Mendez MA, Richardson DB, Calafat AM, Lanphear BP, Wolff MS, Rundle AG. *Prenatal phthalate exposures and childhood body mass index in three Children's Environmental Health Center cohorts*. 26th Annual Conference of the International Society for Environmental Epidemiology. Seattle, Washington. August 2014. *Environmental Health Perspectives*; <http://dx.doi.org/10.1289/ehp.isee2014>. Abstract P3-635.

13. *A Bauer, S Engel, L Trogstad, P Magnus. Caffeine consumption, smoking, and preeclampsia in the Norwegian Mother and Child Cohort. Poster presentation at the Society for Perinatal and Pediatric Epidemiologic Research Annual Meeting. June 17-18, 2013. Boston, MA.
14. *Starling AP, Engel SM, Richardson DB, Daniels JL, Stuebe AM, Haug LS, Klungsøyr K, Harmon Q, Skjaerven R, Eggesbø M, Longnecker MP. “Perfluoroalkyl substances in mid-pregnancy and preeclampsia in the Norwegian Mother and Child Cohort Study” ISEE 2013.
15. *Furlong M, Engel SM, Calafat AM, Wolff MS. “Prenatal Exposure to Organophosphate Pesticides and Scores on the Social Responsiveness Scale at 7-9 years”. SER 2013.
16. Bertelsen RJ, Engel SM, Jusko TA, Calafat AM, Hoppin JA, London SJ, Eggesbø MÅ, Aase H, Zeiner P, Reichborn-Kjennerud T, Guidry VT, Longnecker MP. “Reliability of triclosan in repeated urine samples from Norwegian women” ISEE 2013
17. *QE Harmon, SM Engel, M Wu, A Stuebe, CL Avery. “Applying Inverse Probability Weighting to Estimate Risk Ratios when Genotyping Data are Available in a Subset” SER Minneapolis, MN, 2012
18. *QE Harmon, SM Engel, M Wu, A Stuebe, CL Avery, T Moran, J Luo, AF Olshan. “Polymorphisms in genes associated with natural killer cells are associated with preterm birth.” SPER Minneapolis, MN, 2012
19. *QE Harmon, SM Engel, M Wu, A Stuebe, CL Avery, T Moran, J Luo, AF Olshan. “Polymorphisms in genes associated with natural killer cells are associated with preterm birth.” SER Minneapolis, MN, June 2012
20. *Werder E, Engel SM, Calafat AM, Silva M, Wolff MS. “Prenatal Phthalate Exposure and Psychometric Intelligence at 6-9 years of age” International Society of Environmental Epidemiology 2012. Columbia, South Carolina 2012.
21. *Philippat C, Wolff MS, Calafat AM, Ye X, Slama R, Engel SM. “Amniotic Fluid Transfer and Temporal Stability in Phenol Exposure During Pregnancy.” International Society of Environmental Epidemiology. Columbia, South Carolina 2012.
22. *Bauer AE, Engel SM. “Associations of television viewing, sleep duration, and behavioral outcomes among pre-school and school-aged children”. SPER, Minneapolis, MN, June 2012.
23. Stein CR, Wolff MS, Calafat SM, Engel SM. “Comparison of Polyfluoroalkyl Compound Concentrations in Maternal Serum and Amniotic Fluid: A Pilot Study. PPTOX-III. Paris, France 2012.
24. Deardorff J, Engel SM, Ekwaru P, Windham G, Pinney S, et al. “Childhood Phenol Exposures and Girls’ Behavioral and Emotional Outcomes.” International Society of Environmental Epidemiology, Columbia, South Carolina 2012.

25. Stein CR; Engel SM; Calafat AM. “Comparison of Perfluorinated Compounds Concentrations in Maternal Serum and Amniotic Fluid”. International Society of Environmental Epidemiology, Barcelona, Spain, September 2011
26. *Buckley J, Engel SM, Wolff MS, Teitelbaum S, Calafat AM “Prenatal Phthalate Exposure and Childhood Wheezing in a Multiethnic Cohort” ” International Society of Environmental Epidemiology, Barcelona, Spain (oral presentation of primary mentee) , September 2011
27. Engel SM, Wolff MS, Calafat AM, Diplas AI, Silva MJ, Lambertini L, Bausell R, Meadows M, Lee M, Sperling RS, Wetmur J, Chen J. Correlations of Urinary and Amniotic Fluid Phthalate Metabolite Concentrations and Expression of Imprinted Genes in Human Placenta. International Society of Environmental Epidemiology, Dublin, Ireland, August 25 – 29, 2009
28. Engel SM, A Miodovnik, RL Canfield, C Zhu, A Calafat, M Silva, MS Wolff. Prenatal Exposure to Low Molecular Weight Phthalates and ADHD-like Behaviors in Childhood. Society for Pediatric and Perinatal Epidemiologic Research, Anaheim, California, June 22–23, 2009
29. Engel SM, Miodovnik A, Zhu C, Calafat AM, Silva MJ, Wolff MS. Prenatal Phthalate Exposure is Associated with Childhood Behaviors Common to both ADHD and Conduct Disorder. Pediatric Academic Societies’ May 2-5, 2009
30. *Miodovnik A, Wolff MS, Calafat AM, Silva MJ, Engel SM. Prenatal Exposure to Low Molecular Weight Phthalates and Autistic Social Impairment International Society of Environmental Epidemiology, Dublin, Ireland, August 25 – 29, 2009 (oral presentation of primary mentee)
31. Stein CR, Chen J, Diplas A, Lambertini L, Teitelbaum SL, Wetmur J, Wolff MS, Engel SM. Prenatal phenol exposure and expression of imprinted genes in placenta. Poster presentation at the 22st Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Anaheim, California, June 22–23, 2009
32. Stein CR, Chen J, Diplas AI, Lambertini L, Calafat A, Ye X, Teitelbaum SL, Wetmur J, Wolff MS, Sperling R, Lee M, Engel SM. Prenatal phenol exposure and expression of imprinted genes in human placenta. International Society of Environmental Epidemiology, Dublin, Ireland, August 25 – 29, 2009
33. Smoking during pregnancy: Methods, Trends and Consequences. Co-Chairs: Stephanie Engel and David Savitz. (Symposium Chair), Society for Epidemiological Research, Chicago, June 2008
34. Philippe Grandjean, Virginia Rauh, Stephanie Engel, Brenda Eskenazi. (Symposium Speaker), Organophosphate pesticides and neurodevelopment. Organizers: Matt Longnecker and Mary Wolff. Guest Speakers: International Society of Environmental Epidemiology 2007 Mexico City.
35. Belogolovkin V, Engel SM, Savitz D, Chelimo C, Siega-Riz AM, Sperling R. “Weight Gain Velocity in Relation to The Development of Gestational Hypertension and or Preeclampsia” Society of Maternal and Fetal Medicine, 2007.

36. Engel SM; Berkowitz GS; Barr DB; Teitelbaum S; Siskind J; Meisel S; Wolff MS. Prenatal Exposure to Organophosphates and Organochlorines and Performance on the Brazelton Neonatal Behavioral Assessment Scale. International Society of Environmental Epidemiology 2006, Paris, France (Poster)
37. Engel SM; Berkowitz GS; Barr DB; Teitelbaum S; Chelimo C; Wolff MS. Prenatal Exposure to Organophosphates and Organochlorines and Performance on the Bayley Scales of Infant Development. International Society of Environmental Epidemiology 2006, Paris, France (Poster)
38. Wolff M, Eskenazi B, Whyatt R, Engel SM, Harley K, Bradman A, Perera F, V Rauh, D Barr. Environmental exposures and birth outcomes in the NIEHS/EPA Children's Center Birth Cohorts. International Society of Environmental Epidemiology, 2006 (Presentation Contributor)
39. Eskenazi B, Harley K, Bradman A, Fenster L, Wolff MS, Engel SM, Rauh V, Whyatt R, Perera F. In utero Pesticide Exposure and Neurodevelopment in Three NIEHS/EPA Children's Center Birth Cohorts. International Society of Environmental Epidemiology, 2006. (Presentation Contributor)
40. Engel SM, Olshan AF, Siega-Riz AM, Savitz DA, Chanock SJ "Polymorphisms in Folate Metabolizing Genes and Risk for Spontaneous Preterm and Small-for-Gestational Age Birth." Society for Pediatric and Perinatal Epidemiological Research 2006, Seattle, WA (Poster)
41. Belogolovkin V, Engel S, Ferrara L, Rand L, Eddleman K, Stone JL. Does Placental Location Affect Fetal Birth-Weight in Diamniotic Dichorionic Twins? Poster, The Society for Maternal-Fetal Medicine, 2006 (Poster)
42. Hans Christian Erichsen, Stephanie Mulherin Engel, Peter K. Eck, Robert Welch, Meredith Yeager, Mark Levine, Anna Maria Siega-Riz, Andrew F. Olshan, Stephen J. Chanock, "Vitamin C Receptor Polymorphisms and Risk of Spontaneous Preterm Birth" Pediatric Academic Societies, May 2005, Washington DC (Poster)
43. Engel SA, Erichsen HC, Savitz DA, Thorp J, Chanock SJ, Olshan "Pro-Inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age or Spontaneous Preterm Birth". American Journal of Epidemiology 2004;(11)S1-S108. Society for Epidemiological Research 2004
44. Engel SA, Erichsen HC, Savitz DA, Thorp J, Chanock SJ, Olshan "Pro-Inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age or Spontaneous Preterm Birth". Society for Paediatric and Perinatal Epidemiology, 2004
45. Engel SA, Olshan AF, Savitz DA, Thorp J, Erichsen HC, Chanock SJ "Anti-Inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age or Spontaneous Preterm Birth". American Journal of Epidemiology 2004;(11)S1-S108. Society for Epidemiological Research 2004
46. Engel SA, Olshan AF, Savitz DA, Thorp J, Erichsen HC, Chanock SJ "Anti-Inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age or Spontaneous Preterm Birth". Society for Paediatric and Perinatal Epidemiology, 2004

47. Mulherin SA, O'Brien TR, Ioannidis JPA, Goedert JJ, Buchbinder SP, Coutinho RA, Jamieson BD, Meyer L, Michael NL, Pantaleo G, Rizzardi GP, Schuitemaker H, Sheppard HW, Theodorou ID, Vlahov D, Rosenberg PS "Effects of CCR5-Δ32 and CCR2-64I alleles on HIV-1 disease progression: The protection varies with duration of infection." Society for Epidemiological Research 2002

SOCIETY MEMBERSHIPS

Society for Pediatric and Perinatal Epidemiologic Research
Society for Epidemiologic Research
International Society for Environmental Epidemiology