

CURRICULUM VITAE
Erin Cathleen Dunn, ScD, MPH

1. CONTACT INFORMATION

Massachusetts General Hospital, Psychiatric and Neurodevelopmental Genetics Unit, Center for Genomic Medicine, Simches Research Building, 185 Cambridge Street, Boston, MA 02114
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Social Media: [Twitter](#), [Facebook](#), [LinkedIn](#), [ResearchGate](#), and [Instagram](#)

2. PROFESSIONAL INTERESTS

- Childhood adversity and the social and biological mechanisms linking adversity to risk for depression and other types of psychopathology during sensitive periods in development
- Genetic determinants of depression and gene-by-social environment interplay across the life course
- Teeth as biomarkers of early life adversity exposure and subsequent risk for mental disorders

3. EDUCATION

- 11/2011 **Harvard T.H. Chan School of Public Health**, Boston, MA
Doctor of Science (ScD), Social and Psychiatric Epidemiology/Maternal and Child Health
Dissertation: *Etiology of Adolescent Depression: From Genes to School Social Environments*
Dissertation Committee: Karestan C. Koenen, PhD (Advisor); Felton J. Earls, MD; Katherine E. Masyn, PhD; S.V. Subramanian, PhD
- 06/2005 **Boston University School of Public Health**, Boston, MA
Master of Public Health (MPH), Social and Behavioral Sciences Concentration
Masters Thesis: *Reducing the Burden of Mood Disorders in College Students through Individual and Environmental Change*
Advisor: Alisa K. Lincoln, PhD, MPH
- 09/2001 **Northeastern University**, Boston, MA
Bachelor of Science (BS), Psychology/Elementary Education, *Magna Cum Laude*
Honors Thesis: *Moving Beyond Psychopathology: An Exploratory Study of Self- and Social-Functioning among Male and Female Sexual Assault Survivors/Victims*
Advisors: Mary Ballou, PhD and Harold Zamansky, PhD

4. EMPLOYMENT and APPOINTMENTS

Both primary and secondary appointments are shown. Secondary appointments listed with an asterisk.

- 09/2020 – present **Associate Professor of Psychiatry**, Harvard Medical School, Boston, MA
- 08/2020 – present **Senior Fellow**, Harvard Center on the Developing Child
- 06/2020 – present **Scientific Panel Member**, Center for Stress and Neural Regulation of Reproductive Aging Health Outcomes, Connors Center for Women's Health and Gender Biology, Boston, MA
- 10/2019 – present **Associate Member**, Stanley Center for Psychiatric Research, Broad Institute of Harvard and MIT, Cambridge MA*

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|-------------------|--|
| 01/2016 – present | Affiliated Faculty , Psychiatric Epidemiology T-32 Training Grant, Harvard T.H. Chan School of Public Health* |
| 02/2016 – 02/2017 | Research Fellow (honorary academic status) , Department of Psychiatry, Erasmus Medical Center, Rotterdam, The Netherlands* |
| 11/2015 – 09/2020 | Assistant Professor of Psychiatry Harvard Medical School, Boston, MA |
| 07/2015 – present | Affiliated Faculty , Center on the Developing Child, Harvard University* |
| 07/2014 – 11/2015 | Instructor in Psychiatry Harvard Medical School, Boston, MA |
| 07/2014 – present | Associate Investigator , Massachusetts General Hospital, Boston, MA |
| 01/2014 – 01/2015 | Research Fellow (honorary academic status) , School of Social and Community Medicine, University of Bristol, Bristol, England* |
| 01/2014 – 10/2015 | Investigator , Women’s Health Initiative (WHI), Buffalo, NY site* |
| 09/2011 – 06/2014 | Post-Doctoral Research Fellow , Psychiatric and Neurodevelopmental Genetics Unit, Center for Genomic Medicine, Massachusetts General Hospital, Boston, MA. Supervisors: Jordan W. Smoller, MD, ScD and Jonathan Rosand, MD, MSc |
| 09/2011 – 06/2014 | Post-Doctoral Research Fellow in Psychiatry , Harvard Medical School, Boston, MA |
| 09/2011 – present | Affiliated Researcher , Stanley Center for Psychiatric Research, The Broad Institute of Harvard and MIT, Cambridge, MA* |
| 09/2011 – present | Associate , Program in Quantitative Genomics, Harvard T.H Chan School of Public Health, Boston, MA* |
| 01/2007 – 01/2011 | Research Assistant , Harvard T.H Chan School of Public Health. Supervisors: Karestan C. Koenen, PhD and Beth E. Molnar, ScD |
| 01/2008 – 01/2009 | Research Associate II , Northeast Center for the Application of Prevention Technologies, Education Development Center, Newton, MA |
| 01/2005 – 01/2007 | Associate Project Director , Center for College Health and Safety, Education Development Center, Newton, MA |
| 01/2004 – 01/2005 | Co-Project Director and Research Manager , Center for Psychiatric Rehabilitation, Boston University, Boston, MA. Supervisors: William Anthony, PhD and E. Sally Rogers, ScD |
| 10/2002 – 01/2004 | Research Coordinator , Center for Psychiatric Rehabilitation, Boston University, Boston, MA. Supervisors: William Anthony, PhD and E. Sally Rogers, ScD |
| 10/2001 – 10/2002 | Research Assistant , Simmons Longitudinal Study, Simmons College, Boston, MA. Supervisor: Helen Z. Reinherz, ScD |

5. TRAINEE and RESEARCH ASSISTANT POSITIONS

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|-------------------|---|
| 09/2006 – 06/2009 | Trainee , Maternal and Child Health Training Grant, Maternal and Child Health Bureau, Harvard T. H. Chan School of Public Health (#T76MC00001, PI: Marie McCormick, MD, ScD) |
| 09/2007 – 06/2008 | Trainee , Maternal and Child Health Epidemiology Training Grant, Maternal and Child Health Bureau, Harvard T.H. Chan School of Public Health (#T03MC07648, PI: Marie McCormick, MD, ScD) |
| 09/2006 – 06/2007 | Trainee , Harvard Youth Violence Prevention Center (Funded by CDC’s National Center for Injury Prevention and Control), Harvard T.H. Chan School of Public Health (U49CE00074003, PI: David Hemenway, PhD) |

6. HONORS and AWARDS

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| 2022 | Celebration of Science Recognition Award, Executive Committee on Research, Massachusetts General Hospital |
| 2020 | Research Mentor Award in Psychiatry, Massachusetts General Hospital |
| 2019 | Rappaport Research Scholarship in Psychiatry, Massachusetts General Hospital |

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| 2018 | One Mind Peter Chiarelli Rising Star Collaborative Research Award, One Mind |
| 2018 | Certificate for most interesting and promising poster, American Psychopathological Association |
| 2017 | Biobehavioral Research Award for Innovative New Scientists, National Institute of Mental Health (R01) |
| 2016 | 2016 Gerald R. Klerman Award for Outstanding Clinical Research Achievement, Honorable Mention, Brain & Behavior Research Foundation |
| 2016 | Donald F. Klein Early Career Investigator Award, Anxiety and Depression Association of America |
| 2015, 2016 | First Prize, Psychiatry Departmental Award, Massachusetts General Hospital Clinical Research Day |
| 2012 – 2017 | NIH Pediatric Loan Repayment Program |
| 2012 | Participant, NIH Office of Behavioral and Social Science Research (OBSSR) Institute on Systems Science and Health Summer Institute |
| 2011 | Finalist, Robert Wood Johnson Foundation Health and Society Scholars Program |
| 2010 | Certificate for Distinction in Teaching, Derek Bok Center for Teaching and Learning, Harvard University |
| 2009 – 2012 | NIH-sponsored travel award to attend the Society for Prevention Research meeting |
| 2009 | Participant, National Data Archive on Child Abuse and Neglect's (NDACAN) Summer Research Institute |
| 2009 – 2012 | NIMH-sponsored travel award to attend the American Psychopathological Association (APPA) Conference |
| 2008 | NIMH-sponsored Young Scholar Travel Grant to attend the Translational Research on Child Neglect Consortium (TRCNC) Conference |
| 2008 | Kosciuszko Foundation Scholarship |
| 2007 | NIH scholarship to attend the Johns Hopkins School of Public Health Principles and Practice of Injury Prevention Summer Institute |
| 2007 – 2009 | Leopold Schepp Foundation Scholarship |
| 2006 – 2008 | Seiden-Denny Scholarship, Harvard T.H. Chan School of Public Health |
| 1996 – 2001 | Golden Key National Honor Society |
| 2001 | Psi Chi National Honor Society |
| 2001 | Honors Distinction, Northeastern University |
| 2001 | Honors, Northeastern University, Psychology Department |
| 2000 | Experiential Learning Award, Department of Cooperative Education and Experiential Learning, Northeastern University |

7. RESEARCH GRANTS

**All amounts listed are direct total costs

Total grant funding secured to date from all sources: \$10,551,360

Total active funding: \$8,311,481

Total completed funding: \$2,239,879

Total pending funding (as Principal Investigator): \$2,734,210

ACTIVE

Childhood adversity, DNA methylation, and psychopathology symptoms: A longitudinal study of sensitive periods and chrono-epigenetics

Role: Principal Investigator

Dates: April 1, 2022 – March 31, 2027 (R01 MH113930-06)

Funder: National Institute of Mental Health (\$2,469,801)

Childhood adversity, DNA methylation, and risk for depression: A longitudinal study of protective factors and sensitive periods in development

Role: Principal Investigator

Dates: April 1, 2023 – March 31, 2028 (R01 MH130442)

Funder: National Institute of Mental Health (\$2,764,286)

Evaluating teeth as fossil records of children's prenatal/perinatal trauma exposure and future mental health risk

Role: Principal Investigator

Dates: March 1, 2022 – February 28, 2024 (R21 MH129030)

Funder: National Institute of Mental Health (\$288,375)

Sensitive periods for prenatal alcohol exposure: a longitudinal study of DNA methylation and subsequent mental health

Role: Multi Principal Investigator (with Lussier)

Dates: March 20, 2023 – February 28, 2025 (R21 AA030640)

Funder: National Institute of Alcohol Abuse and Alcoholism (\$275,000)

Epigenetic predictors of time-varying exposures to childhood adversity and depression

Role: Multi Principal Investigator (with Lussier)

Dates: February 10, 2023 – January 31, 2025 (R21 MH132947)

Funder: National Institutes of Mental Health (\$275,000)

Genomic and bioinformatic approaches for understanding the effects of childhood adversity on primary tooth formation and caries development in young children

Role: Principal Investigator

Dates: September 15, 2023 – September 14, 2024 (K18 DE032380)

Funder: National Institute of Dental and Craniofacial Research (\$160,461)

Alignment of cortical development trajectories with emergent dimensional psychopathology and related risk factors among early adolescents in the ABCD study

Role: Co-Investigator (PI: Roffman)

Dates: September 15, 2020 – August 31, 2025 (R01 MH124694)

Funder: National Institute of Mental Health (\$68,749)

Teen BOT: Biosignatures of Trauma and moderating effects of additional lifetime adversity in adolescents

Role: Co-Investigator (PI: Roffman)

Dates: July 1, 2023 – June 30, 2025

Funder: Anonymous Foundation (\$34,884)

Beyond Household Adverse Childhood Experiences: Applying Mixture Modeling to Understand the Role of Social Adversity in Youth Neuropsychiatric Development

Role: Co-Investigator (PI: Choi)

Dates: September 15, 2020 – August 31, 2025 (R01 MH124694)

Funder: National Institute of Minority Health and Health Disparities (\$13,749)

Developing an integrated, innovative platform for retrospectively quantifying the prenatal and early child exposome using deciduous teeth

Role: Co-Investigator (PI: Kobor)

Dates: March 1, 2022 – February 28, 2023

Funder: New Frontiers in Research Fund, Canada (in kind)

PENDING

Enhancing participant engagement and diversity in research studies collecting primary shed teeth: A mixed methods study of barriers and facilitators of tooth donation

Role: Principal Investigator

Dates: July 1, 2023 – June 3, 2028 (R01 ES034355A1)

Funder: National Institute of Environmental Health Sciences (\$2,585,293)

COMPLETED

Childhood adversity, DNA methylation, and risk for depression: A longitudinal study of sensitive periods in development

Role: Principal Investigator

Dates: July 1, 2017 – March 31, 2023 (R01 MH113930)

Funder: National Institute of Mental Health (\$1,623,169)

Administrative supplement to: Childhood adversity, DNA methylation, and risk for depression: A longitudinal study of sensitive periods in development

Role: Principal Investigator

Dates: July 1, 2019 – March 31, 2023 (R01 MH113930-AS)

Funder: National Institute of Mental Health (\$372,891)

Stress exposure, DNA methylation, and risk for depression: in search of sensitive periods in development

Role: Principal Investigator

Dates: December 15, 2018 – December 31, 2021

Funder: One Mind (\$227,271)

Using teeth as a new tool to predict exposure to early life adversity and future risk for brain disease

Role: Principal Investigator

Dates: August 1, 2019 – July 1, 2021

Funder: Henry and Allison McCance Center for Brain Health at the Massachusetts General Hospital and Mass General Neuroscience Hospital (\$124,474)

Building a Brain Healthy Gulf Coast: Expanding the Footprint of the Brain Health Initiative

Role: Principal Investigator

Dates: November 1, 2019 - April 30, 2021

Funder: Charles & Margery Barancik Foundation (\$575,000)

The use of shed primary teeth as a new and objective biomarker of early life stressors: Exploring issues of study feasibility

Role: Principal Investigator

Dates: September 2, 2019 – March 1, 2021

Funder: Center on the Developing Child (\$10,000)

Establishing bi-directional, translational models of dysregulated plasticity across development

Role: Co-Principal Investigator

Dates: January 1, 2019 – December 31, 2020

Funder: Jacobs Foundation (\$40,000)

Attention, control and the developing brain: Underlying mechanisms and transformative interventions

Role: Co-Investigator (PI: Hensch)

Dates: July 1, 2017 – June 30, 2020

Funder: Bezos Family Foundation (\$150,117)

Using teeth as new tools to measure early life stress exposure in humans and animals

Role: Principal Investigator

Dates: July 1, 2019 – June 30, 2020

Funder: Harvard Mind, Brain, and Behavior Initiative (\$50,000)

How does socioeconomic disadvantage get under the skin to shape academic success and socioeconomic wellbeing during adolescence? A longitudinal study of sensitive periods and DNA methylation

Role: Principal Investigator

Dates: July 1, 2017 – June 30, 2019

Funder: Russell Sage Foundation (\$64,822)

Genes, early adversity, and sensitive periods in social-emotional development

Role: Principal Investigator

Dates: July 1, 2014 – June 30, 2018 (1K01MH102403)

Funder: National Institute of Mental Health (\$693,104)

Genes, early adversity, and sensitive periods in executive function: A new path to understand risk for adolescent-onset depression?

Role: Principal Investigator

Dates: July 1, 2017 – June 30, 2018

Funder: Harvard Mind, Brain, and Behavior Initiative (\$50,000)

Sensitive periods associated with the development of depression

Role: Principal Investigator

Dates: January 1, 2014 – December 31, 2016

Funder: Brain & Behavior Research Foundation (\$59,710)

Epigenetics, childhood adversity, and sensitive periods in adolescent depression

Role: Principal Investigator

Dates: May 1, 2015 – October 31, 2016

Funder: Harvard Catalyst (\$74,585)

Using a developmentally-informed model of gene-environment interaction (GxE) to identify sensitive periods in executive functioning

Role: Co-Principal Investigator (PI: Smoller)

Dates: April 1, 2013 – March 30, 2015

Funder: Center on the Developing Child at Harvard University (\$21,000)

Disentangling the simultaneous influence of school and neighborhood contexts on youth weight status

Role: Co-Investigator (PI: Richmond)

Dates: January 1, 2014 – December 31, 2014

Funder: Robert Wood Johnson Foundation (\$10,000)

social and physical environments on youth body mass index and other weight-related outcomes.

Genotype by social environment interplay (GxE) in depressive symptoms

Role: Co-Investigator (PI: Subramanian)

Dates: January 1, 2012 – August 31, 2013

Funder: Robert Wood Johnson Foundation (\$11,189)

Etiology of adolescent depression: Gene and social (family, neighborhood, and school) environment interactions

Role: Principal Investigator (1F31MH088074)

Dates: September 25, 2009 – September 24, 2011

Funder: National Institute of Mental Health (\$58,305)

Bridging interdisciplinary gaps to develop a deeper understanding of the etiology of depression and anxiety: From genetics and neuroscience to social and psychiatric epidemiology

Role: Principal Investigator

Dates: May 1, 2011 – September 1, 2011

Funder: Mind, Brain, and Behavior Initiative, Harvard University (\$9,302)

Gene-environment interaction and youth depression

Role: Principal Investigator

Dates: September 1, 2010 – June 1, 2011

Funder: Center on the Developing Child at Harvard University (\$10,000)

Attitudes towards physical health needs and physical health experiences by people with psychiatric disabilities

Role: Principal Investigator

Dates: September 1, 2004 – May 1, 2005

Funder: Allen R. Meyers Fund, Boston University School of Public Health (\$1,000)

8. PHILANTHROPIC FUNDING

The Brain Health Study at Lakewood Ranch

Role: Director of Research

Dates: January 1, 2019 – August 1, 2021

Funder: Individual and corporate donations, and foundation support (\$1.7M)

Description: A pioneering, multi-generational, community-based research project on the Gulf Coast of Florida that aimed to identify new ways to prevent brain disease and promote brain health across the lifespan through combining longitudinal epidemiological research and both individual- and group-level randomized clinical trials.

9. MENTORED RESEARCH GRANTS

Identifying the nature, causes and consequences of youth depression trajectories

Mentee: Alex Kwong, PhD

Role: Sponsor

Dates: 2023-2028

Funder: Wellcome Trust (United Kingdom)

Understanding Risk Heterogeneity Following Child Maltreatment: An Integrative Data Analysis Approach

Mentee: Justin Russotti

Role: Consultant (K01HD112516)

Dates: September 19, 2023 – August 31, 2028

Funder: National Institutes of Child Health and Development (\$578,070)

Adverse childhood experiences and alcohol misuse in Latino adolescents: testing biopsychosocial and cultural mechanisms

Mentee: Jenny Zhen-Duan

Role: Co-Mentor

Dates: February 22, 2022 - January 31, 2027

Funder: National Institute of Alcohol Abuse and Alcoholism (\$746,250)

Sensitive periods for the effects of depression on suicide risk: a longitudinal study of gene-environment interactions and epigenetic mechanisms

Mentee: Alexandre Lussier

Role: Mentor

Dates: November 1, 2023 - October 31, 2026

Funder: MQ Fellowship (225 GBP)

Genetic and socio-environmental factors of resilience and enduring mental health

Mentee: Alexandre Lussier

Role: Mentor

Dates: December 1, 2022 – November 31, 2024

Funder: Canadian Institutes of Health Research (CIHR) Fellowship (\$100K CA)

10. PUBLICATIONS

**Denotes joint first author publication

Underline denotes a current or former mentee

Italicized denotes senior and corresponding author

Google Scholar: h-index=51; i10-index=95; citations=11091

Scopus: h-index=45; citations=8859

Web of Science: h-index=40; citations=6559

Publications as first author: 28

Publications as last (senior) author: 27

Publications co-authored with a trainee: 51

PEER-REVIEWED ARTICLES

Accepted/In press

1. Meng, X., Navoly, G, Giannakopoulou, O., Levey, D., Koller, D., Pathak, G.A., Koen, N. Lin, K. Adams, M.J., ...PGC MDD Working Group, China Kadoorie Biobank Collaborative Group, the 23andMe Research Team, Genes & Health Research Team, BioBank Japan Project, Sofer, T, Walters, R.G., McIntosh, A.M., Polimanti, R., **Dunn, E.C.**, Stein, M.B., Gelernter, J., Lewis, C., & Kuchenbaecker, K. (in press). Multi-ancestry GWAS of major depression aids locus discovery, fine-mapping, gene prioritization, and causal inference. *Nature Genetics*.
2. Peterson, C. S., Zhu, Y., Germine, L. T., & **Dunn, E. C.** (in press). Associations Between Childhood Trauma Characteristics and Theory of Mind in Adults: Results From a Large, Diverse Sample. *Child Psychiatry and Human Development*.

2023

3. Lussier, A.A., Zhu, Y., Smith, B.J., Cerutti, J., Fisher, J., Melton, P.E., Wood, N.M., Cohen-Woods, S., Huang, R.C., Mitchell, C., Schneper, L., Notterman, D.A., Simpkin, A.J., Smith, A.D.A.C., Suderman, M.J., Walton, E., Relton, C.L., Ressler, K.J., & **Dunn, E.C.** (2023). Association between the timing of childhood adversity and epigenetic patterns

across childhood and adolescence: findings from the Avon Longitudinal Study of Parents and Children (ALSPAC) prospective cohort. *The Lancet Child & Adolescent Health*, 7(8), 532–543.

4. [Liu, J.](#), [Cerutti, J.](#), [Lussier, A.A.](#), [Zhu, Y.](#), [Smith, B.J.](#), Smith, A.D.A.C., & **Dunn, E.C.** (2023). Socioeconomic changes predict genome-wide DNA methylation in childhood. *Human Molecular Genetics*, 32 (5), 709-719. PMID: 35899434.
5. Quade, L., Kralik, M., Bencurova, P., & **Dunn, E.C.** (2023). Cortisol in deciduous tooth tissues: A potential metric for assessing stress exposure in archaeological and living populations. *International Journal of Paleopathology*, 43, 1-6.
6. **Dunn, E.C.**, [Busso, D.S.](#), [Davis, K.A.](#), Smith, A.D.A.C, Mitchell, C., Tiemeier, H., & Susser, E.S. (2023). Sensitive periods for the effect of child maltreatment on psychopathology symptoms in adolescence. *Complex Psychiatry*, 9(1-4), 145–153.
7. Hughes, D.E, Kunitoki, K., Elyounssi, S., Luo, M., Bazer, OM, Hopkinson, C.E., Dowling, K.F., Doyle, A.E., **Dunn, E.C.**, Eryilmaz, H., Gilman, J.M., Holt, D.J., Valera, E.M., Smoller, J.W., Cecil, C.M, Tiemeier, H., Lee, P.H., & Roffman, J.L. (2023). Genetic patterning for child psychopathology is distinct from that for adults and implicates fetal cerebellar development. *Nature Neuroscience*, 26, 959-969.
8. Kunitoki, K., Hughes, D., Elyounssi, S., Hopkinson, C.E., Bazer, O.M., Eryilmaz, H., **Dunn, E.C.**, Lee, P.H., Doyle, A.E., Roffman, J.L. (2023). Youth team sports participation associates with reduced dimensional psychopathology through interaction with biological risk factors. *Biological Psychiatry Global Open Science*. 3(4), 875-883.
9. Tang, J.T., Saadi, A., **Dunn, E.C.**, Choi, K. (2023). Concordance in child-parent reporting of social victimization experiences in the Adolescent Brain Cognitive Development (ABCD) study, 23 (4), 747-754. *Academic Pediatrics*.
10. Lacey, R.E., Gondek, D., [Smith, B.J.](#), Smith, A.D.A.C., **Dunn, E.C.**, Sacker, A. (2023). Testing lifecourse theories characterizing associations between maternal depression and offspring depression in emerging adulthood: the Avon Longitudinal Study of Parents and Children. *Journal of Child Psychology and Psychiatry*, 64 (8), 1149-1158. PMID: 36094018. DOI: 10.1111/jcpp.13699.

2022

11. [Schaefer, J.D.](#), [Cheng, T.W.](#), **Dunn, E.C.** (2022). Sensitive periods in development and risk for psychiatric disorders and related endpoints: A systematic review of child maltreatment findings. *Lancet Psychiatry*, 9(12), 978–991.
12. Yang, K., Essa, A., Noriega, D., Yu d., Osiecki, L., Gauvin, C.A., Illmann, C., Bortolato, M., **Dunn, E.C.**, Mathews, C.A., Scharf, J.M. (2022). Relationship between adverse childhood experiences and symptom severity in adult men with Tourette Syndrome. *Journal of Psychiatric Research*, 155, 252–259.
13. [Zhu, Y.](#), [Lussier, A.A.](#), Smith, A.D.A.C., Simpkin, A.J., Suderman, M.J Walton, E., Relton, C.L. & **Dunn, E.C.** (2022). Examining the epigenetic mechanisms of childhood adversity and sensitive periods: a gene set-based approach. *Psychoneuroendocrinology*, 144, 105854. PMID: 35914392.
14. Mahoney, P., McFarlane, G., Loch, C., White, S., Floyd, B, **Dunn, E.C.**, Pitfield, R., Nava, A, Guatelli-Steinberg, D. (2022). Dental biorhythm is associated with adolescent weight gain. *Communications Medicine*, 2, 99. PMID: 36094018.
15. [Lussier, A.A.](#), [Zhu, Y.](#), [Smith, B.J.](#), Simpkin, A.J., Smith, A.D.A.C., Suderman, M.J., Walton, E., Relton, C., Ressler, K.J., & **Dunn, E.C.** (2022). Sensitive periods for the effect of childhood adversity on DNA methylation: Updated results from a prospective, longitudinal study. *Biological Psychiatry Global Open Science*.

16. **Dunn, E.C.****, Mountain**, R.V., Davis, K.A., Shaffer, I., Smith, A.D.A.C, Roubinov, D.S., Den Besten, P.K., Bidlack, F.B., & Boyce, W.T. (2022). Association between measures derived from children's primary exfoliated teeth and psychopathology symptoms: Results from a community-based study. *Frontiers in Dental Medicine*, 3: 803364.
17. Lussier, A.A., Zhu, Y., Smith, B.J., Simpkin, A.J., Smith, A.D.A.C., Suderman, M.J., Walton, E., Ressler, K.J., & **Dunn, E.C.** (2022). Updates to data versions and analytic methods influence the reproducibility of results from epigenome-wide association studies. *Epigenetics*, 17(11), 1373-1388 PMID: 35156895.
18. Crawford, K.M., Choi, K., Davis, K.A., Zhu, Y., Soare, T.W., Smith, A.D.A.C., Germine, L., & **Dunn, E.C.** (2022). Exposure to early childhood maltreatment and its effect over time on social cognition. *Development and Psychopathology*, 34(1), 409-419. PMID: 33070801.
19. Zhu, Y., Wang, M.-J., Crawford, K.M., Ramirez, J.C.T., Lussier, A.A., Davis, K.A., de Leeuw, C., Takesian, A.E., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Hensch, T.K., Smoller, J.W., & **Dunn, E.C.** (2022). Sensitive period-regulating genetic pathways and exposure to adversity shape risk for depression. *Neuropsychopharmacology*, 47, 497-506.
20. Roffman, J.L., & **Dunn, E.C.** (2022). Neuropsychopharmacology reviews 2022 hot topics: the prenatal environment and risk for mental illness in young people. *Neuropsychopharmacology*, 47(1), 409-410. PMCID: PMC8372228. PMID: 34408278.
21. Nishimi K., Glickman E., Smith K., Ben-Joseph E., Carson S., Vranceanu A., & **Dunn E.C.** (2022). Master-planned communities in the United States as novel contexts for individual and population-level research. *Preventive Medicine*, 154, 106864. PMID: 34740677.

2021

22. Cerutti, J., Zhu, Y., Lussier, A.A., Liu, J. & **Dunn, E.C.** (2021). Associations between indicators of socioeconomic position and DNA methylation: A scoping review. *Clinical Epigenetics*, 13, 221. PMCID: PMC86726701. PMID: 34906220.
23. Mountain, R.V.**, Zhu, Y.**, Pickett, O.R., Lussier, A.A., Goldstein, J.M., Roffman, J.L., Bidlack, F.B. & **Dunn, E.C.** (2021). Association of maternal stress and social support during pregnancy with growth marks in children's primary tooth enamel. *JAMA Network Open*, 4(11), e2129129. PMCID: PMC8579236. PMID: 34751761. * I received the Celebration of Science Recognition Award from the MGH Executive Committee on Research. This award recognizes outstanding research achievements published by MGH faculty.
24. Giannakopoulou, O., Lin, K., Meng, X., Su, M.H., Kuo, P.H., Peterson, R.E., Awasthi, S., Moscati, A., Coleman, J.R.I., Bass, N., Millwood, I.Y., Chen, Y., Chen, Z., Chen, H.C., Lu, M.L., Huang, M.C., Chen, C.H., Stahl, E.A., Loos, R.J.F., Mullins, N., Ursano, R.J., Kessler, R.C., Stein, M.B., Sen, S., Scott, L.J., Burmeister, M., Fang, Y., Tyrrell, J., Jiang, Y., Tian, C., McIntosh, A.M., Ripke, S., **Dunn, E.C.**, Kendler, K.S., Walters, R.G., Lewis, C.M., Kuchenbaecker, K., 23andMe Research Team, China Kadoorie Biobank Collaborative Group, Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium (2021). The Genetic Architecture of Depression in Individuals of East Asian Ancestry: A Genome-Wide Association Study. *JAMA Psychiatry*, 78, 1258-1269. PMID: 34586374. PMCID: PMC8482304.
25. Nishimi, K., Choi, K.W., Cerutti, J., Powers, A., Bradley, B., & **Dunn, E.C.** (2021). Measures of adult psychological resilience following early-life adversity: How congruent are different measures? *Psychological Medicine*, 51(15), 2637-2646. PMCID: PMC7863576. PMID: 32406816.
26. Gatev, E., Inkster, A. M., Konwar, C., Negri, G. L., Lussier, A. A., Skakkebaek, A., Sokolowski, M. B., Gravholt, C. H., **Dunn, E. C.**, Kobar, M. S. & Aristizabal, M. J. (2021). Autosomal sex-associated co-methylated regions predict biological sex from DNA methylation. *Nucleic Acid Research*, 49(16):9097-9116. PMID: 34403484

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Note: In May 2018, the General Data Protection Regulation (GDPR) policy went into effect. GDPR was designed to protect the transfer of personal data (including research data outside of the European Union). This policy had direct consequences for my research, as it restricted my ability to access two EU-based datasets that I use for secondary analyses. Hence, my productivity for this year was less than prior years.

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101. McCorkle, B.M., Rogers, E.S., **Dunn, E.C.**, Wan, Y.M., & Lyass, A. (2008). Increasing social support for individuals with serious mental illness: Evaluating the Compeer model of intentional friendship. *Community Mental Health Journal*, 44(5), 359–366. PMID: 18481176.
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106. Webster, D., & **Dunn, E.C.** (2005). Feminist perspectives on trauma. *Women and Therapy*, 28(3/4), 111-142.

PEER-REVIEWED ARTICLES PUBLISHED WITH CONSORTIA

Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium

107. **Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium (PGC)**. (2018). Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. *Nature Genetics*, 50(5): 668-681 PMID: 29700475.

A complete list of publications is available here:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Major%20Depressive%20Disorder%20Working%20Group%20of%20the%20Psychiatric%20Genomics%20Consortium%5BCorporate%20Author%5D>

Brainstorm Consortium

108. **The Brainstorm Consortium**. (2018): Analysis of shared heritability in common disorders of the brain. *Science*. 360(6395), eaap8757. PMID: 29930110

A complete list of publications is available here:

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INVITED COMMENTARIES

1. **Dunn, E.C.**, Simpkin, A.J., & Walton, E. (2023). Statistical and conceptual considerations in socioepigenomics research on childhood adversity and epigenetic aging. *JAMA Network Open*, 6(6).
2. Choi, K., Boudreau, A.A., & **Dunn, E.C.** (2023). Raising the bar for measuring childhood adversity. *The Lancet Child & Adolescent Health*, 7(2).
3. **Dunn, E.C.** (2020) The role of neighborhood social characteristics on the epigenome: Why the lack of investigations? *JAMA Network Open*, 3(6).
4. **Dunn, E.C.** (2018) Childhood adversity as a plasticity factor that modifies the effect of subsequent life experience on psychopathology. *JAMA Network Open*, 1(7).

BOOK CHAPTERS, MONOGRAPHS, and ENCYCLOPEDIA ENTRIES

1. Smith, B.J., Smith, A.D.A.C., & **Dunn, E.C.** (2021). Statistical Modeling of Sensitive Period Effects Using the Structured Life Course Modeling Approach (SLCMA). In Andersen, S.L. (eds) Sensitive Periods of Brain Development and Preventive Interventions (pp 215-234). *Current Topics in Behavioral Neurosciences*. Springer Nature.
2. **Dunn, E.C.**, Wang, M.J., & Perlis, R. (2019). A summary of recent updates on the genetic determinants of depression. In R. McIntyre (Ed.) *Major Depressive Disorder* (pp 1-27). St. Louis, MO: Elsevier Inc.
3. Nishimi, K., Howe, E., & **Dunn, E.C.** (2019). Social Determinants of Psychiatric Illness. In Trinh, N. & Chen, J. (Eds.) *Sociocultural Issues in Psychiatry: A Casebook and Curriculum*. (pp. 80-85). Boston, MA: Oxford University Press.
4. Wang, M.J., & **Dunn, E.C.** (2018). Epidemiology. In E. Braaten, eds. *SAGE Encyclopedia of Intellectual and Developmental Disorders*. (pp. 562-567). New York, NY: Sage.
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6. Amstadter, A.B., **Dunn, E.C.**, Brown, R., Berenz, E.C., & Nugent, N.R. (2014). Treatment implications of gene-environment interplay in childhood trauma. In R.M. Reece, R.F. Hanson, & A.J. Sargent, eds. *Treatment of Child Abuse: Common Ground for Mental Health, Medical, and Legal Practitioners*. (pp 323-344). 2nd edition. Baltimore: The Johns Hopkins University Press.
7. Koenen, K.C, Roberts, A., Stone, D., & **Dunn, E.C.** (2010). The epidemiology of early childhood trauma. In R. Lanius & E. Vermetten, *The Hidden Epidemic: The Impact of Early Life Trauma on Health and Disease*. (pp. 13-24). New York, NY: Oxford University.
8. McCorkle, B.H., Rogers, E.S., **Dunn, E.C.**, Wan, Y.M., & Lyass, A. (2006). A mixed methods study of the benefits of Compeer services. In B.W. Skirboll, L. Bennett, & M. Klemens, *Compeer: Recovery Through the Healing Power of Friends*. (pp. 156-161). Rochester, NY: Meliora Press.
9. **Dunn, E.C.**, McCorkle, B.H., Wan, Y.M., & Gagne, C. (2006). The making of friendships: Compeers talk about their experiences in the program. In B.W. Skirboll, L. Bennett, & M. Klemens, *Compeer: Recovery Through the Healing Power of Friends*. (pp. 162-177). Rochester, NY: Meliora Press.

10. **Dunn, E.C.**, & Mannell, M. (2006). Alcohol treatment and college students: Growing trend, emerging response. *Prevention File*, 3-6.
11. Webster, D., & **Dunn, E.C.** (2005). Feminist perspectives on trauma. In M. Ballou and M. Hill, *The Foundation and Future of Feminist Therapy*. (pp. 111-142) New York: Haworth Press.

BOOKS

1. Rzonca, K., **Dunn, E.C.**, Members of the Dunn Lab, Mullins, R. (2019). *The Science Tooth Fairy*. Self-published children's book. Boston MA.

PRE-PRINT MANUSCRIPTS

**My team routinely publishes on preprint servers (e.g., medRxiv, bioRxiv) so our work is more accessible to the scientific community as quickly as possible. Below are some examples of publications currently on these servers.

1. Smith, B. J., Lussier, A. A., Cerutti, J., Walton, E., Suderman, M., Simpkin, A., Smith, A. D. A. C. & **Dunn, E. C.** DNA methylation partially mediates the relationship between childhood adversity and depressive symptoms in adolescence. Available: <https://www.medrxiv.org/content/10.1101/2021.06.28.21259426v1>.
2. Lussier, A. A., Zhu, Y., Smith, B. J., Cerutti, J., Simpkin, A. J., Smith, A. D. A. C., Suderman, M. J., Walton, E., Ressler, K. J. & **Dunn, E. C.** A prospective study of time-dependent exposures to childhood adversity and DNA methylation in childhood and adolescence. Available: <https://www.medrxiv.org/content/10.1101/2021.06.28.21259423v1>.

11. PRESENTATIONS

MEETINGS ORGANIZED

1. **The wisdom in teeth: Exploring the use of teeth as fossil records of early stress exposure and future neuropsychiatric risk.** This two-day exploratory seminar (October 15-16, 2019) was funded through a competitive application to the Radcliffe Institute at Harvard University. Co-Lead: Takao Hensch
2. **Social and environmental determinants of population brain health.** This one-day exploratory workshop (June 2020) was funded through a competitive application to the Harvard Center for Population and Development Studies. Co-Leads: Joel Salinas and Christy Denckla.

SYMPOSIUM ORGANIZER

1. **Exploring the Impact of Socioeconomic Factors on Psychiatric Genetics and Epigenetics** (2023, October 11). *Session for World Congress of Psychiatric Genetics*, Montreal, Quebec.
2. **Sensitive periods in development shaping risk for depression.** (2019, March 28). *Anxiety and Depression Association of America Annual Meeting*, Chicago, IL.
3. **Sensitive periods in development shaping risk for psychopathology across the life course.** (2019, March 21). *Society of Research in Child Development (SRCD) Biennial Meeting*, Baltimore, MD.
4. **Innovations in the genetics and epigenetics of child psychopathology.** (2017, June 30). *International Society for Research in Child and Adolescent Psychopathology 18th Biennial Scientific Meeting*, Amsterdam, the Netherlands.
5. **Genetic determinants of depression: A summary of recent findings and future directions.** (2016, April 2). *Anxiety and Depression Association of America*, Philadelphia, PA.

ACADEMIC CONFERENCES

1. Lussier, A., Dunn, E.C. (2023, October 14). "A Meta-Analysis of Sensitive Periods for the Effects of Childhood Adversity on DNA Methylation." Oral presentation given as part of the session "Oral Session: Methylation" at *Session for World Congress of Psychiatric Genetics*, Montreal, Quebec.
2. Schuurmans, I., Dunn, E.C. (2023, October 14). "DNA Methylation as a Possible Causal Mechanism Linking Childhood Adversity and Health: Results From Two- Sample Mendelian Randomization Study." Oral presentation given as part of the session "Oral Session: Methylation" at *Session for World Congress of Psychiatric Genetics*, Montreal, Quebec.
3. **Dunn, E.C.** (2020, December 17). "Does adolescent health begin in early life? Links between early life adversity, DNA methylation, and adolescent-onset depression." Paper presented as part of the symposium "The rapid decline in adolescent mental health in the 21st century: magnitude, causes, and treatment innovations from a life course perspective" at *Society for Epidemiological Research Annual Meeting*, virtual.
4. Lussier, A., Dunn, E.C. (2020, October 21). "A prospective study of time-dependent exposures to adversity and DNA methylation in childhood and adolescence" An invited talk given at the *World Congress of Psychiatric Genetics*.
5. **Dunn, E.C.** (2019, September 7-10). "Modeling the time-varying effects of early life adversity on DNA methylation." Invited talk given at the *32nd European College of Neuropsychopharmacology Congress of Applied and Translational Neuroscience*, Copenhagen, Denmark.
6. **Dunn, E.C.** (2019, March 28-31). Sensitive periods for the effect of child maltreatment on internalizing and externalizing symptoms across childhood and adolescence. Paper presented as part of the symposium "Sensitive periods in development shaping risk for depression" at *Anxiety and Depression Association of America Annual Meeting*, Chicago, IL.
7. Shaefer, J., Dunn, E.C. (2019, March 21-23). Does developmental timing matter for psychopathology risk? A critical review of the sensitive period hypothesis. Paper presented as part of the symposium "Sensitive periods in development shaping risk for psychopathology across the life course" at *Society for Research in Child Development Biennial Meeting*, Baltimore, MD.
8. Davis, K., Smith, A., Zhu, Y., Tiemeier, H., Susser, E., Dunn, E.C. (2019, March 21-23). Sensitive periods across development: prospectively assessed adversity exposures and depressive symptoms in late adolescence. Paper presented as part of the symposium "Sensitive periods in development shaping risk for psychopathology across the life course" at *Society for Research in Child Development Biennial Meeting*, Baltimore, MD.
9. **Dunn, E.C.** (2019, February 15). Biomarkers in psychiatry: A review of possibilities spanning genes to teeth. Paper presented as part of the symposium "Teeth as a Biomarker for Environmental stress and risk of disease" at *The American Association for the Advancement of Science Annual Meeting*, Washington, D.C.
10. **Dunn, E.C., Wang, M., Zhu, Y., Crawford, K., Ramirez, J., Davis, K., Zheng, K., Kraft, P., Hensch, T., Smoller, J.** (2018, October 4). Genes, exposure to adversity, and sensitive periods in risk for depression. Poster presented at *Massachusetts General Hospital Clinical Research Day*, Boston, MA.
11. **Dunn, E.C.** (2018, June 20-23). Genes, exposure to adversity, and sensitive periods in risk for depression. Paper presented as part of the symposium "Anxiety, Depression, Genetics, and Stress" at the *48th Behavior Genetics Annual Meeting*, Cambridge, MA.
12. **Dunn, E.C., Davis, K.A., Zhu, Y., Smith, A.D.A.C, Tiemeier, H., Susser, E.S.,** (2018, April 2). Which life course theoretical models best explain the relationship between childhood maltreatment and depressive symptoms in early and late adolescence: Recency, accumulation, or sensitive periods? Paper presented at the *2018 Adolescent Health and Emerging Adulthood Research Symposium*, Berkeley, CA.
13. **Dunn, E.C., Soare, T.W., Simpkin, A.J., Suderman M.J., Klengel T., Smith, A.D.A.C., Ressler, K., Relton C.L.,** (2017, October 15). Developmental timing of exposure to adversity predicts DNA methylation in late childhood more

than recency or accumulation of exposure. Paper presented at *2017 World Conference of Psychiatric Genetics*, Orlando, FL.

14. **Dunn, E.C., Soare, T.W.,** Simpkin, A.J., Suderman, M.J., Klengel, T., Smith, A.D.A.C., Ressler, K., Relton, C.L., (2017, June 29). Timing of exposure to adversity explains more variability in DNA methylation in late childhood than recency or accumulation of exposure. Paper presented as part of the symposium "Innovations in the genetics and epigenetics of child psychopathology" at *International Society for Research in Child and Adolescent Psychopathology 18th Biennial Scientific Meeting*, Amsterdam, the Netherlands.
15. **Dunn, E.C., Soare, T.W.,** Simpkin, A.J., Suderman, M.J., Klengel, T., Smith, A.D.A.C., Ressler, K., Relton, C.L., (2017, June 30). What matters more for predicting child psychopathology: Accumulation, recency, or timing of exposure to adversity? Poster presented at *International Society for Research in Child and Adolescent Psychopathology 18th Biennial Scientific Meeting*, Amsterdam, the Netherlands.
16. **Dunn, E.C., Soare, T.W.,** Simpkin, A.J., Suderman, M.J., Klengel, T., Smith, A.D.A.C., Ressler, K., Relton, C.L., (2017, June 16). Timing of exposure to adversity explains more variability in DNA methylation in late childhood than recency or accumulation of exposure. Poster presented at *International Network for Research on Inequalities in Child Health (INRICH) Ninth Annual Workshop*, Ithaca, NY.
17. **Dunn, E.C., Wang, M.,** Klengel, T., Kraft, P., Smoller, J.W. (2016, April 1). Gene-by-environment interaction (GxE) effects differ across development: an example focusing on FKBP5, sexual Abuse, and depressive symptoms. Poster presented at *Anxiety and Depression Association of America Annual Meeting*, Philadelphia, PA.
18. **Dunn, E.C.** (2016, April 2) *Genetic studies of depression: What have we learned from GWAS and GxE studies?* Paper presented as part of the symposium "Genetic Determinants of Depression: A Summary of Recent Findings and Future Directions" at *Anxiety and Depression Association of America Annual Meeting*, Philadelphia, PA.
19. **Dunn, E.C., Wang, M.,** Klengel, T., Kraft, P., Smoller, J.W. (2016, March 23). Gene-by-environment interaction (GxE) effects differ across development: an example focusing on FKBP5, sexual abuse, and depressive symptoms. Poster presented at *Harvard Medical School, Department of Psychiatry Research Day*, Boston, MA.
20. **Dunn, E.C.** (2015, October 18). Genome-wide association study of anxiety symptoms in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Paper presented at *World Congress of Psychiatric Genetics*, Toronto, CA.
21. **Dunn, E.C., Wang, Y.,** McLaughlin, K., Fitzmaurice, G., Gilman, S., Susser, E. (2015, October 8). Sensitive periods for psychiatric disorders following exposure to trauma. Poster presented at *Massachusetts General Hospital's Clinical Research Day*, Boston, MA.
22. **Dunn, E.C., Wang, Y.,** McLaughlin, K., Fitzmaurice, G., Gilman, S., Susser, E. (2015, October 7). Developmental timing differences in the effect of exposure to childhood adversity on risk for adolescent-onset psychiatric disorder: Are there sensitive periods? Poster presented at *Developmental Origins of Health and Disease in Childhood and Beyond*, Boston, MA.
23. **Dunn, E.C., Wang, M.,** Klengel, T., Kraft, P., Smoller, J.W. (2015, May 13). Gene-by-environment interaction (GxE) effects differ across development: an example focusing on FKBP5, sexual abuse, and depressive symptoms. Poster presented at *Society of Biological Society*, Atlanta, GA.
24. **Busso, D.S., Dunn, E.C., & Luk, G.** (2015, March 20). The effect of type, timing and frequency of child maltreatment on adult working memory. Poster presented at the *Society for Research on Child Development Biennial Meeting*, Philadelphia, PA.
25. **Salinas, J.,** Beiser, A., Himali, J., Rosand, J., Seshadri, S., **Dunn, E.C.** (2014, October 12). Incidence and Predictors of Poststroke Depression: Results from the Framingham Heart Study. Poster presented at the annual meeting of the *American Neurological Association*, Baltimore, MD.

26. **Dunn, E.C.**, Richmond, T.K., Milliren, C., Evans, C.R., Subramanian, S.V. (2014, August 20). Using cross-classified multilevel models to disentangle the relative influence of schools and neighborhoods on adolescents' depressive symptoms. Paper presented at the *International Epidemiology Association*, Anchorage, AK.
27. **Dunn, E.C.**, Wiste, A., Wassertheil-Smoller, S., Koenen, K.C., Purcell, S., Cornelis, M., Rosand, J., Smoller, J.W. (2014, August 18). Genetic and environmental determinants of depression: A genome-wide association study (GWAS) and genome-wide genotype-environment interaction (GWGEIS) of late life depression in the Women's Health Initiative. Poster presented at the *International Epidemiology Association*, Anchorage, AK.
28. **Dunn, E.C.**, Wiste, A., Wassertheil-Smoller, S., Koenen, K.C., Purcell, S., Cornelis, M., Rosand, J., Smoller, J.W. (2013, October 18). Genetic and environmental determinants of depression: A genome-wide association study (GWAS) and genome-wide genotype-environment interaction (GWGEIS) of late life depression in the Women's Health Initiative. Poster presented at the *World Congress of Psychiatric Genetics*, Boston, MA.
29. **Dunn, E.C.**, Solovieff, N., Lowe, S. R., Gallagher, P. J., Chaponis, J., Rosand, J., Koenen, K.C., Waters, M., Rhodes, J., & Smoller, J. W. (2013, October 18). Interaction between genetic variants and exposure to Hurricane Katrina on post-traumatic stress and post-traumatic growth: A prospective analysis of low income adults. Poster presented at the *World Congress of Psychiatric Genetics*, Boston, MA.
30. **Dunn, E.C.**, Pearson-Fuhrhop, K.M., Mortero, S., Devan, W.J., Falcone, G.J., Holmes, A.J., Hollinshead, M.O., Roffman, J.L., Smoller, J.W., Rosand, J., & Cramer, S.C. (2013, October 18) Dopamine gene score predicts depressive symptoms in healthy adults and adults with depression. Poster presented at the *World Congress of Psychiatric Genetics*, Boston, MA.
31. **Dunn, E.C.**, Wiste, A., Wassertheil-Smoller, S., Koenen, K.C., Purcell, S., Cornelis, M., Rosand, J., Smoller, J.W. (2013, October 11). Genetic and environmental determinants of depression: A genome-wide association study (GWAS) and genome-wide genotype-environment interaction (GWGEIS) of late life depression in the Women's Health Initiative. Paper presented at the *Integrating Genetics and the Social Science Conference*, Boulder, CO.
32. **Dunn, E.C.**, McLaughlin, K.A., Slopen, N., Rosand, J., Smoller, J.W. (2013, April 20). Association between developmental timing of exposure to child maltreatment and symptoms of depression and suicidality: A sensitive period? Poster presented at the *Society for Research on Child Development Conference*, Seattle, WA.
33. **Dunn, E.C.**, McLaughlin, K.A., Slopen, N., Rosand, J., Smoller, J.W. (2013, June 18). Association between developmental timing of exposure to child maltreatment and symptoms of depression and suicidality: A sensitive period? Poster presented at the *Society for Epidemiological Research Conference*, Boston, MA.
34. **Dunn, E.C.**, Richmond, T.K., Milliren, C., Subramanian, S.V. (2013, June 20). The "missing level" problem in multilevel studies: Evidence that cross-classified multilevel models are preferred to traditional multilevel models. Poster presented at the *Society for Epidemiological Research Conference*, Boston, MA.
35. **Dunn, E.C.**, Masyn, K.E., Jones, S.M., Subramanian, S.V., Earls, F., & Koenen, K. (2012, June 1). Links between characteristics of adolescents, their school social environment, and depressive symptoms: Results of a multi-level structural equation modeling analysis. Paper presented at the *Society for Prevention Research Conference*, Washington, DC.
36. **Dunn, E.C.**, Masyn, K.E., Jones, S.M., Subramanian, S.V., Earls, F., & Koenen, K. (2012, April 17). Characterizing school climate using student-level measures of attitudes, behaviors, and emotions: An application of multilevel factor analysis. Paper presented at the *American Educational Research Association Conference*, Vancouver, British Columbia, Canada.
37. Masyn, K.E., & **Dunn, E.C.** (2012, April 17). The methodology of multilevel factor analysis. Paper presented at the *American Educational Research Association Conference*, Vancouver, British Columbia, Canada.
38. **Dunn, E.C.**, Masyn, K.E., Jones, S.M., Garnett, B.R., Subramanian, S.V., & Koenen, K.C. (2012, March 1). Links between characteristics of adolescents, their school social environments, and depressive symptoms: Results of a multi-level structural equation modeling analysis. Poster presented at the *American Psychopathological Association Conference*, New York, NY.

39. **Dunn, E.C.**, & Masyn, K.E. (2012, February 10). Multi-level factor analysis: An emerging method to measure environments using individual-level data without aggregation. Poster presented at the *Society for Research on Child Development's Developmental Methodology Conference*, Tampa, FL.
40. **Dunn, E.C.**, & Masyn, K.E. (2011, October 28). Multi-level factor analysis: A strategy to distinguish individual from environment. Poster presented at the *Society for the Study of Human Development Conference*, Providence, RI.
41. **Dunn, E.C.**, & Masyn, K.E. (2011, October 25). Multi-level factor analysis: An novel method to capture environments using individual-level data without aggregation. Poster presented at the *Society for Epidemiological Research Web Conference*.
42. **Dunn, E.C.**, & Masyn, K.E. (2011, May 31). Using multi-level factor analysis and ecometrics analysis to capture features of youth and their experiences of context: An illustration focusing on schools. Paper presented at the *Society for Prevention Research Meeting*, Washington, DC.
43. **Dunn, E.C.**, Uddin, M., Smoller, J.W., Subramanian, S.V., Galea, S., & Koenen, K.C. (2011, April 2). A systematic review of gene-environment interaction (GxE) research in youth depression. Poster presented at the *Society for Research on Child Development (SRCD) Conference*, Montreal, Canada.
44. **Dunn, E.C.**, Uddin, M., Smoller, J.W., Subramanian, S.V., Galea, S., & Koenen, K.C. (2011, March 3). Gene-environment interaction research in youth depression: A systematic review with recommendations for future research. Poster presented at the *American Psychopathological Association Meeting*, New York, NY
45. **Dunn, E.C.**, Uddin, M., Smoller, J.W., Subramanian, S.V., Galea, S., & Koenen, K.C. (2010, October 29). Gene-environment interaction (GxE) research and depression in youth. Poster presented at the *Behavioral Epigenetics Conference*, Boston, MA
46. Duncan, D.T., Johnson, R.M., **Dunn, E.C.**, & Molnar, B.E. (2010, October 27) Gangs, guns and drugs: Neighborhood disorder and safety associated with depressive symptoms among urban adolescents. Paper presented at the *International Conference on Urban Health (ICUH)*, New York, NY.
47. **Dunn, E.C.**, Green, J.G., Johnson, R.M., & Weinberg, J. (2010, June 2). Links between characteristics of the school environment and levels of depression and suicidality in adolescents. Poster presented at the *Society for Prevention Research (SPR) Conference*, Denver, CO.
48. Johnson, R.M., Green, J.G., **Dunn, E.C.**, & Weinberg, J. (2010, June 3). The school context of adolescent bullying. Organized paper symposium presented at the *Society for Prevention Research (SPR) Conference*, Denver, CO.
49. **Dunn, E.C.** (2010, March 26). Gene-environment interactions (GxE) and depression in youth: What they are, what we know, and how we can leverage this research for social change. Roundtable discussant at the *Harvard Graduate School of Education (HGSE) Student Research Conference*.
50. Molnar, B.E., **Dunn, E.C.**, & Beardslee, W.R. (2009, May 27). Scientific review of community-level interventions to prevent child abuse and neglect. Poster presented at the *Society for Prevention Research (SPR) Conference*, Washington, DC.
51. **Dunn, E.C.**, Gilman, S.E., Willett, J.B., & Molnar, B.E. (2008, December 10). Exposure to interpersonal violence and sex differences in adolescent-onset depression: A test of mediation and moderation in a nationally-representative epidemiological survey. Poster presented at the 14th Annual *Maternal and Child Health Epidemiology (MCH EPI) Conference*, Atlanta, GA.
52. **Dunn, E.C.** (2008, March 14). The impact of exposure to childhood violence on sex differences in adolescent-onset major depression. Roundtable discussant at the *Harvard Graduate School of Education's Student Research Conference*, Cambridge, MA.
53. **Dunn, E.C.**, Lincoln, A.K., & Rogers, E.S. (2006, November 6). A qualitative study of the impact of Type II diabetes on individuals with serious mental illness. Poster presented at the *American Public Health Association (APHA) Conference*, Boston, MA.

54. Rogers, E.S., Hutchinson, D.S., Wan, Y.M., & **Dunn, E.C.** (2006, June 5). The process and psychosocial outcomes of a recovery center model of services. Workshop presented at the *US Psychiatric Rehabilitation Association (USPRA) Conference*, Phoenix, AZ.
55. **Dunn, E.C.**, Rogers, E.S., McCorkle, B.H., & Wan, Y.M. (2005, December 14). Social support and individuals with serious mental illness: Results from a mixed-methods study of a volunteer intervention. Paper presented at the *American Public Health Association Conference*, Philadelphia, PA.
56. Rogers, E.S., Wan, Y.M., **Dunn, E.C.**, & McCorkle, B.H. (2005, July 19). Increasing social support for individuals with serious mental illness: Results of an evaluation of a social, adjunctive intervention. Poster presented at the *18th NIMH Conference on Mental Health Services Research*, Bethesda, MD.
57. **Dunn, E.C.** (2005, March 12). Increasing social support for individuals with serious mental illness: Results from the evaluation of Compeer Services, Inc. Paper presented at the *Eastern Psychological Association Conference*, Boston, MA.
58. McCorkle, B., **Dunn, E.C.**, Wan, Y.M. (2003, October 17). Preliminary results of the Boston University Compeer Project. Paper presented at the *Compeer National Conference*, Rochester, NY.
59. **Dunn, E.C.**, & Ballou, M. (2002, March 8). Moving beyond psychopathology: An exploratory study of self- and social-functioning among adult male and female sexual assault survivor-victims. Poster presented at the *Eastern Psychological Association Conference*, Boston, MA.

INVITED TALKS

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| July 2023 | “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” Department of Epidemiology, Mailman School of Public Health, Columbia University, New York, NY. |
| June 2023 | “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” Department of Pediatrics Grand Rounds, Nationwide Children’s Hospital, Columbus, OH. |
| June 2023 | “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” School of Dentistry and Eisenberg Family Depression Center, University of Michigan, Ann Arbor, MI. |
| May 2023 | “Developmental and translational epidemiology approaches to identify strategies for reducing the burden of mental illness and promoting brain health.” Lyndra Therapeutics, Watertown, MA, virtual presentation. |
| May 2023 | “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” Alberta Children’s Hospital Research Institute, Alberta, Canada, virtual presentation. |
| April 2023 | “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” Department of Community Health Sciences, Boston University School of Public Health, MA. |
| March 2023 | “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” Department of Psychiatry, University of Pittsburgh, PA, virtual presentation. |
| January 2023 | “Links between childhood adversity, DNA methylation, and risk for depression.” Department of Sociology, Purdue University, virtual presentation. |

- December 2022 “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” McCance Center for Brain Health, Massachusetts General Hospital, Boston, MA, virtual presentation.
- December 2022 “The biological imprints of childhood adversity through DNA methylation patterns.” Talk in a plenary session at the Broad Institute Annual Retreat, Broad Institute of MIT and Harvard, Cambridge, MA.
- November 2022 “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” Psychiatry Grand Rounds, Yale Child Study Center, Yale University, New Haven, CT.
- October 2022 “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” STAR Initiative: Stress, Trauma, and Resilience, Brown University, Providence, RI, virtual presentation.
- July 2022 “Childhood and health: History and current work.” Childhood and the Operatic Imaginary Exploratory Seminar, Harvard Radcliffe Institute, Cambridge, MA, virtual presentation.
- May 2022 “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course.” Social Exposome in Child Health and Development Roundtable Workshop. Peter Wall Institute for Advanced Studies, The University of British Columbia, Vancouver, virtual presentation.
- March 2022 “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience in pediatric primary care”. Harvard-wide Pediatric Health Services Research Fellowship Program, Boston, MA virtual presentation.
- January 2022 “Childhood adversity and mental health: Identifying opportunities to reduce risk and promote resilience across the life course”. Psychiatry Grand Rounds, University of California - Davis (part of the Society for Women in Academic Psychiatry (SWAP), Davis, CA, virtual presentation.
- December 2021 “Childhood adversity and life-long health: Identifying opportunities to reduce risk and promote resilience across the life course.” Harvard GSAS Science Policy Group, Harvard Graduate School of Arts and Science, Cambridge, MA, virtual seminar.
- September 2021 “Collecting exfoliated baby teeth for research purposes: Why and how?” Baby’s First Years Study, Teachers College, Columbia University, The University of Wisconsin, Madison, The Sanford School of Public Policy at Duke, the University of California, Irvine, New York University and the University of Maryland, virtual presentation to leadership.
- July 2021 “Childhood adversity and life-long health: Identifying opportunities to reduce risk and promote resilience across the life course.” Social, Genetic & Developmental Psychiatry Centre, Institute of Psychiatry, Psychology & Neuroscience, King’s College London, UK, virtual presentation.
- March 2021 “The role of adverse childhood experiences on mental health: What do we know and what can clinicians do about it?” South Carolina Psychological Association Spring Meeting, virtual conference.
- March 2021 “Sensitive period effects of early life stress on DNA methylation.” American Psychopathological Association (APPA) Annual Meeting, virtual conference.

- February 2021 "Using teeth as a new tool to predict exposure to early life adversity and future risk for brain disease." Neuroscience Leadership Council Meeting, Massachusetts General Hospital, virtual seminar.
- February 2021 "Childhood adversity and lifelong Health: A town hall event." Department of Pediatrics, Mass General Hospital for Children, virtual webinar.
- January 2021 "Childhood adversity and life-long health: Identifying opportunities to reduce risk and promote resilience across the life course." Pediatric Grand Rounds, Mass General Hospital for Children, virtual series.
- September 2020 "Identifying meaningful effects at the intersection between genes, life experiences, and development." Beyond Statistical Significance: Finding Meaningful Effects Meeting, National Institutes of Health, virtual workshop.
- October 2020 "Teeth as biomarkers for early childhood stress exposure." My Teeth=My Health Symposium, The Forsyth Institute, virtual seminar.
- May 2020 "Children's mental health and the life course model: Identifying sensitive periods in development." Life Course Intervention Research Network – Mental Health Webinar Series, Forum for Children's Well Being, National Academy of Science, virtual webinar series.
- May 2020 "Identifying sensitive periods in development: An epidemiological approach to preventing depression." McLean Speaker Series, McLean Hospital/Harvard Medical School, virtual webinar.
- April 2020 "Frontiers in stress research." Global Health Summit, Synergy Programs, virtual workshop.
- April 2020 "Identifying sensitive periods in development: An epidemiological approach to preventing depression and other brain health conditions." Department of Epidemiology, Boston University School of Public Health, webinar.
- March 2020 "The role of adverse childhood experiences on mental health: What do we know and what can we do about it?" ACES Summit, University of Massachusetts-Dartmouth, Dartmouth, MA (keynote).
- January 2020 "Identifying sensitive periods in development: An epidemiological approach to preventing depression and other brain health conditions." Department of Family, Youth, and Community Sciences, University of Florida, Gainesville, FL.
- June 2019 "Modeling the effects of early life adversity on DNA methylation." Israel Epigenetic Symposium, Tel Aviv, Israel.
- April 2019 "Identifying sensitive periods in development: An epidemiological approach to preventing depression." Development and Psychopathology Center for Excellence Colloquium, Erasmus Medical Center, Rotterdam, The Netherlands.
- January 2019 "Identifying sensitive periods in development: An epidemiological approach to preventing depression." MRC Integrative Epidemiology Unit School Seminar, University of Bristol, Bristol, UK.
- January 2019 "Identifying sensitive periods in development: An epidemiological approach to preventing depression." Developmental Psychopathology Research Series, Department of Psychiatry, Washington University School of Medicine, St. Louis, MO.

- November 2018 “Identifying sensitive periods in development: An epidemiological approach to preventing depression.” Population Mental Health Seminar Series, Harvard T.H. Chan School of Public Health, Boston, MA.
- October 2018 “Identifying sensitive periods in development shaping risk for depression: An epidemiological approach.” Boston Society of Neurology, Neurosurgery & Psychiatry, Brigham and Women’s Hospital, Boston, MA.
- September 2018 “Stress exposure, DNA methylation, and risk for depression: in search of sensitive periods in development.” Scientific Symposium, One Mind’s Music Festival for Brain Health, Rutherford, CA.
- September 2018 “Exposure to adversity during childhood and risk for depression throughout the lifecourse: In search of sensitive periods in development.” MGH Neuroscience Launch Celebration, Massachusetts General Hospital, Boston, MA.
- May 2018 “What life course theoretical models best explain the relationship between exposure to childhood adversity and health: recency, accumulation, or sensitive periods?” Workshop on “Social determinants of health: Early life adversity as a contributor to disparities in cardiovascular disease.” National Heart, Lung, and Blood Institute, National Institute of Health, Bethesda, MD.
- April 2018 “Sensitive periods in development and risk for depression”. Center for Environmental Research and Children’s Health (CERCH) Works-In-Progress Series (WIPS), UC Berkeley School of Public Health, Berkeley, CA.
- March 2018 “Sensitive periods in development and risk for depression”. Psychiatry Grand Rounds, Boston University Medical Campus, Boston, MA.
- March 2018 “Sensitive periods in development and risk for depression.” Center for Genomic Medicine Seminar Series, Simches Research Center, Massachusetts General Hospital, Boston, MA
- November 2017 “Cross-classified multilevel modeling of health outcomes.” Social Adjustment and Bullying Prevention Laboratory, School of Education, Boston University, Boston, MA.
- April 2017 “Sensitive periods in development and risk for depression.” Brain Health Initiative Inaugural Conference, Simches Research Center, Massachusetts General Hospital, Boston, MA.
- March 2017 “Sensitive periods in development and risk for depression.” Women’s Health Sciences Division, National Center for PTSD, VA Medical Center, Boston, MA.
- December 2016 “Sensitive periods in development and risk for depression.” Grand Rounds, Department of Psychiatry, Maine Medical Center, Portland, ME.
- March 2016 “Sensitive periods in development and risk for depression.” Department of Psychiatry PTSD Innovations Group, Massachusetts General Hospital, Boston, MA.
- February 2016 “Sensitive periods in development and risk for depression.” Institute of Education and Child Studies Seminar Series, Graduate School of Social and Behavioral Sciences, Leiden University, Leiden, The Netherlands.
- February 2016 “Sensitive periods in development and risk for depression.” Department of Epidemiology and Biostatistics Seminar Series, Erasmus Medical Center, Rotterdam, The Netherlands.

- November 2015 "Cross-classified multilevel modeling and health outcomes." Department of Epidemiology, Boston University School of Public Health, Boston, MA.
- November 2015 "Exposure to childhood adversity and links to psychopathology" Psychiatric Epidemiology Seminar, Department of Epidemiology, Columbia University, Mailman School of Public Health, New York, NY
- November 2015 "Genome-Wide Association Study of Anxiety Symptoms in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)", OSMB Research Meeting, Bethesda, MD (participated by phone)
- March 2015 "Gene-environment interaction in depression across the lifecourse: Challenges and opportunities." Division of Behavioral Genetics seminar series, Rhode Island Hospital, Providence, RI.
- September 2014 "A multidisciplinary approach for identifying the determinants of mental disorders." Department of Mental Health seminar series, Johns Hopkins School of Public Health, Baltimore, MD.
- May 2014 "Gene-environment interaction in depression across the lifecourse." Harvard School of Public Health Brain Health Colloquium, Harvard T.H. Chan School of Public Health, Boston, MA.
- May 2014 "Gene-environment interaction in depression across the lifecourse." Center for Depression, Anxiety, and Stress Research, McLean Hospital, Belmont, MA.
- May 2014 "A multidisciplinary approach for identifying the determinants of mental disorders and reducing mental health disparities." Drexel University School of Public Health, Philadelphia, PA.
- January 2014 "Gene-environment interaction in depression across the lifecourse." Department of Mental Health seminar series, Johns Hopkins School of Public Health, Baltimore, MD.
- December 2013 "A multidisciplinary approach for identifying the determinants of mental disorders." Yale School of Public Health Social and Behavioral Science seminar series, Yale School of Public Health, New Haven, CT.
- October 2013 "Using a developmentally-informed model of gene-environment interaction (GxE) to identify sensitive periods in executive functioning." Science of Adversity and Resilience seminar series, Harvard Center on the Developing Child, Harvard University, Cambridge, MA.
- September 2012 "Gene-environment interaction in depression among children and adolescents." Psychiatric Genetics and Translational Research Seminar, Psychiatric and Neurodevelopmental Genetics Unit, Massachusetts General Hospital.
- May 2012 "Gene-environment interaction in youth depression: Review and recommendations." Program in Molecular and Genetic Epidemiology seminar series, Harvard T.H. Chan School of Public Health, Boston, MA.
- April 2012 "Integrating knowledge about genetic and environmental determinants of depression to improve prevention and treatment." Depression Clinical Research Program seminar series, Department of Psychiatry, Massachusetts General Hospital.

TALKS TO THE GENERAL PUBLIC

- December 2022 “What Baby Teeth Can Tell Us About Risk for Psychiatric Illness.” Paul S. Russell
Museum of Medical History and Innovation, Massachusetts General Hospital.
- July 2020 “Mental Health and Building Resiliency.” Talks@TPG, TPG Global, virtual talk
- April 2020 “Becoming a psychiatric epidemiologist.” Museum of Science Health Fair, Museum of
Science, Boston, MA (keynote) [canceled due to COVID-19].
- March 2020 “Genes, stress, and the brain: Identifying opportunities to prevent brain illness and
promote brain health across the lifespan.” Journey to Wellness Symposium, Sunshine
from Darkness Foundation, Sarasota FL [canceled due to COVID-19].
- September 2018 “Stress exposure, DNA methylation, and risk for depression: In search of sensitive
periods in development.” OneMind Music Festival for Brain Health, Napa, CA.
- December 2017 “From stressed to depressed: How childhood stress can cause depression and how we
can prevent it.” CaféSci Boston, NOVA Education. Boston Public Library, Boston, MA.

12. SELECTED MEDIA MENTIONS

REGIONAL OUTLETS

Print

Boston Globe: [The tooth fairy is calling: Boston researchers seeking baby teeth for health study](#)

Boston Globe: [Can kid’s teeth reveal emotional trauma? A new study suggests yes](#)

Bradenton Herald (Florida): [This brain health initiative promises to change ways people take care of themselves](#)

Herald Tribune (Florida): [Lakewood Ranch on the road to ambitious brain health study](#)

TV

Wink News: [“Scientists studying whether baby teeth can show clues of early stresses”](#)

Boston 25 News: [“‘Science Tooth Fairy’ seeking baby teeth to understand children’s early life experiences”](#)

WCVB (Chronicle): [What teeth can tell us](#)

Radio

WGBH (All Things Considered): [New study looks to find signs of trauma in teeth](#)

Museum of Science Pulsar Podcast: [Had a Bad Day? Check Your Teeth](#)

NATIONAL OUTLETS

Print

New York Times: [What 635 Epidemiologists Are Doing for Thanksgiving](#)

Psychology Today: [Seven types of childhood stress that can affect mental health](#)

Psych Central: [Stressful events before age three may have greatest effect on mental health](#)

Public Broadcasting Service: [Psychological damage inflicted by parent child separation is deep, long lasting](#)

Science Daily: [Adverse events during first years of life may have greatest effect on future mental health](#)

The Guardian: [Why mental health disorders are becoming more common](#)

Vox: [The secret lives of baby teeth](#)

Radio or Podcast

OneMind BrainWaves Podcast: [Preventing depression and suicidality in the age of COVID-19.](#)

Curious Neuron Podcast: [Can a Child’s teeth Predict Their Mental health with Dr. Erin Dunn](#)

INTERNATIONAL OUTLETS

Print

- Business Standard India: [Adverse events during initial years of life may affect future mental health](#)
- Daily Mail (United Kingdom): [Teeth can be used to predict mental health problems](#)
- Daily Times (Pakistan): [Teeth can be used to predict mental health problems](#)
- Deccan Chronicle (India): [Children's teeth can predict their mental health](#)
- Dental Tribune International: [Interview: Have we been ignoring teeth?](#)
- iNews (United Kingdom): [Why milk teeth give clues to your child's mental health](#)
- MICE Times (Asia): [Baby teeth talk about mental health](#)
- News-Medical (United Kingdom, Australia): [Scanning children's teeth may predict future mental health issues](#)
- Psychiatry & Behavioral Health Learning Network: [Adverse events before age 3 may shape future mental health](#)
- The Independent (United Kingdom): [Mental health problems can be diagnosed using children's teeth, scientists suggest](#)
- The Jakarta Post (Indonesia): [Study: A difficult childhood could have long-term effects](#)
- The Sector (Australia): [Children under three most vulnerable to effects of adversity, with lifelong consequences](#)
- The Star (Kenya): [Teeth can be used to predict mental health problems](#)
- The Sun (United Kingdom): [Kids' teeth can help identify those at risk of mental health problems](#)
- Wiki Times (United Kingdom): [Mental health problems can be predicted with the help of teeth says research](#)
- Yahoo News: [A difficult childhood could have long-term effects](#)
- CJOB-AM Winnipeg (Canada): Children's mental health following the death of a pet (link unavailable)

TV

- CTV Ottawa (Canada): [Dealing with the death of a family pet](#)

13. RESEARCH CONSULTANCIES

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| 2004 – 2007 | PeaceGames, Boston, MA. Consultation to Steven Brion-Meisels, Ph.D to analyze and interpret survey data related to a violence-prevention curriculum delivered in public elementary school settings |
| 2016 | Build Our Kids' Success (BOKS), Toronto, Canada. Consultation to Director of BOKS Canada (an initiative of the Reebok Foundation) on the design and implementation of a school-based intervention to promote physical activity and brain health among elementary school age children. |
| 2018 – 2019 | The Lakewood Ranch Study of Brain Health (LWRSBH), Sarasota, FL. Consultation/Director of Research to the LWRSBH (part of the Building a Brain Healthy Lakewood Ranch Community Initiative) on the conceptualization and implementation of all aspects related to the scientific vision of this study. |

14. TEACHING EXPERIENCE

INVITED GUEST LECTURES

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| April 2022 | T32 Clinical Research Training Program (CRTP) Seminar, Harvard Medical School, virtual seminar. |
| April 2021 | "Who I am, what I do, and lessons learned along the way." T32 Clinical Research Training Program (CRTP) Seminar, Harvard Medical School, virtual seminar. |

- March 2021 "Primary teeth as novel biomarkers of early life adversity exposure and mental health risk." Oral Health Seminar Series, Harvard School for Dental Medicine, Boston, MA.
- April 2018 "Gene-environment interactions in depression: Public health implications." University of Massachusetts, Dartmouth, North Dartmouth, MA.
- May 2017 "Cross-classified multilevel modeling of health outcomes." Doctoral course on Multilevel Modeling, Harvard T.H. Chan School of Public Health, Boston, MA.
- Annually since Sept. 2015 "Social determinants of mental health." Sociocultural Lecture Series for Psychiatry Residents, Department of Psychiatry, Massachusetts General Hospital, Boston, MA.
- September 2015 "Genetic and environmental determinants of depression." Maternal and Child Health Seminar Series. Harvard T.H. Chan School of Public Health, Boston, MA.
- January 2015 "Exposure to childhood adversity and links to psychopathology." Doctoral course on Child Psychiatric Epidemiology, Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA
- April 2014 "The distribution and determinants of depression in adolescents." Graduate course on Adolescent Health, Boston University School of Public Health, Boston, MA.
- April 2014 "Gender differences in depression." Undergraduate course on Women, Gender and Health, Tufts University, Somerville, MA.
- September 2013 "Gene-environment interactions in depression: Public health implications." Graduate school seminar on Analysis of Public Health Issues, Regis College, Weston, MA.
- October 2013 "Gene-environment interaction in depression among children and adolescents." Student Seminar Series, Harvard Center on the Developing Child, Harvard University, Cambridge, MA.
- May 2013 "Multilevel research and the "missing level" problem: An example focusing on cross classified multilevel models." Doctoral course on Multilevel Modeling, Harvard T.H. Chan School of Public Health, Boston, MA.
- April 2013 "Gender differences in depression." Undergraduate course on Women, Gender and Health, Tufts University, Somerville, MA.
- November 2012 "Gene-environment interactions in depression: Public health implications." Graduate school seminar on Analysis of Public Health Issues, Regis College, Weston, MA.
- January 2012 "Gene-environment interaction in public health: An example focusing on the etiology of depression in children and adolescents." Graduate school seminar on Analysis of Public Health Issues, Regis College, Weston, MA.

GRADUATE COURSES

- Spring 2010 Teaching Fellow, **S-030: Intermediate Statistics**
Harvard Graduate School of Education
Instructors: Katherine Masyn, PhD, and Stephanie Jones, PhD
- Spring 2009 Teaching Assistant, **SHH246: Issues in Maternal and Child Health Programs and Policies**
Harvard T.H. Chan School of Public Health, Department of Social and Behavioral Sciences
Instructor: Marie McCormick, MD, ScD

- 2008-2009 Teaching Assistant, **SHH292: Maternal and Child Health Seminar**
Harvard T.H. Chan School of Public Health, Department of Social and Behavioral Sciences
Instructor: Ellice Lieberman, MD, DrPH
- Spring 2008 Teaching Fellow, **S-030: Intermediate Statistics**
Harvard Graduate School of Education
Instructor: Judith D. Singer, PhD
- 2005-2008 Teaching Assistant, **BS701: Elementary Biostatistics**
Boston University School of Public Health, Department of Biostatistics
Instructor: Lisa Sullivan, PhD
- Fall 2005 Teaching Assistant, **SB721: Introduction to Social and Behavioral Sciences**
Boston University School of Public Health, Department of Community Health Sciences
Instructor: Jonathan Howland, PhD, MPH, MPA

UNDERGRADUATE COURSES

- Fall 2010 Teaching Fellow, **SLS24: From Neurons to Nations: The Science of Early Childhood Development and the Foundations of a Successful Society**
Harvard University, Faculty of Arts and Sciences
Instructors: Jack Shonkoff, MD, Charles Nelson, PhD, and Holly Schindler, PhD
- Spring 2010 Teaching Fellow, **WGS1125: Gender and Health**
Harvard University, Department of Women, Gender, and Health
Instructor: Mary Ruggie, PhD
- Fall 2009 Teaching Fellow, **SOC165: Inequalities in Health Care: Comparative Perspectives**
Harvard University, Department of Sociology
Instructor: Mary Ruggie, PhD
- Spring 2009 Teaching Fellow, **SOC190: Life and Death in the US: Medicine and Disease in Social Context**
Harvard University, Department of Sociology
Instructor: Nicholas Christakis, MD, MPH, PhD

15. ADVISING

PHD THESES TRAINEES (n=3) *Doctoral Committee Member

1. **Meg Min-Jung Wang*** (2019). Title: "Elucidating the Role of Vitamin D in Major Depression"
Department of Epidemiology, Harvard T.H. Chan School of Public Health
2. **Kaita Gurian**. Title: Differences in developmental defects of enamel, maternal buffering, and stress *in utero* between males and females" Department of Anthropology, The Ohio State University.
3. **Anna Grossbach**. Department of Biostatistics, National University of Galway, Ireland.

MASTERS THESES TRAINEES (n=2)

2. **Jenny Tse** (2016). Title: "Exposure to Childhood Physical and Sexual Abuse and Smoking Initiation in a National Sample of US Adolescents", Department of Epidemiology, Harvard T.H. Chan School of Public Health
3. **Amelia Taylor-Hochberg** (2019), Title: "Building Strong Community Health Partnerships: Assessing Collaboration between Researchers and Local Representatives in a Master-Planned Community", Department of Urban Studies and Planning, Massachusetts Institute of Technology

POST-DOCTORAL RESEARCH FELLOWS (n=7)

4. **Sandro Marini, MD** (May 2016 – June 2018). Awards: One of four Semi-finalists for the Neal Allen Mysell Award, presented at the Harvard Medical School Psychiatry Research Day, for the best poster presentation by a research fellow. This award was presented for the work entitled: “Accelerated epigenetic age and childhood exposure to adversity: Does accumulation, recency, or developmental timing of exposure matter? Sandro Marini, MD; Thomas W. Soare, PhD; Matthew J. Suderman, PhD; Andrew J. Simpkin, PhD; Miriam R. Raffeld, BA; Andrew D.A.C. Smith, PhD ; Caroline L. Relton, PhD; Erika Wolfe, PhD; Erin C. Dunn, ScD
5. **Rebecca Mountain, PhD** (January 2019 – February 2021). Awards: NIH Pediatric Loan Repayment Program Award
6. **Alexandre Lussier, PhD** (April 2019 – present). Awards: (1) Received the Early Career Investigator Oral Presentation Award for his presentation entitled “A prospective study of time-dependent exposures to adversity and DNA methylation in childhood and adolescence” at the World Congress of Psychiatric Genetics, October 2020. (2) Received the 2021 Scientific Advisory Committee’s Poster of Distinction Award, provided by the MGH’s Executive Committee On Research (ECOR). (3) Awarded Canadian Institute of Health Research Fellowship (application ranked 4th out of 94 applications).
7. **Theresa W. Cheng, EdM, PhD** (October 2021 – March 2023)
8. **Mona Le Luyer, PhD** (June 2022 – present)
9. **Simone Lemmers, PhD** (July 2022 – August 2023)
10. **Brooke McKenna** (September 2023 – present)

MEDICAL/DENTAL RESIDENTS (n=3)

11. **Joel Salinas, MD, PhD** (July 2013 – December 2016). Awards: NIH Loan Repayment Program Award; Travel Award to the American Neurological Association 2014; Travel Award to the American Stroke Association 2015
12. **Ryan Lisann, DDS** (April 2022 – current)
13. **Kyle Sellers** (June 2022 – current)

MEDICAL/DENTAL STUDENTS (n=4)

14. **Jennie Marinucci, DDS** (May 2018 – August 2021). Harvard School of Dental Medicine. Advisee and Honors Thesis Supervisor
15. **Annie Lu**, Dental Student (December 2022 – current). Harvard School of Dental Medicine.
16. **Betsy Rodriguez Ramos**, Dental Student (December 2022 – current). Harvard School of Dental Medicine.
17. **Hoda Mahmoud**, Dental Student (December 2022 – current). Harvard School of Dental Medicine.

FULBRIGHT or other INTERNATIONAL FELLOWS (n=3)

18. **Natasha Wood**, PhD Candidate (January 2022 – May 2022) – from Australia
19. **Isabel Schuurmans**, PhD Candidate (February 2023 – August 2023) – from the Netherlands
20. **Alex Kwong, PhD** (2025) – Wellcome Trust Award from the United Kingdom

DOCTORAL STUDENTS (n=8)

21. **Dan Busso** (April 2014 – January 2016), Harvard Graduate School of Education, Graduate Research Assistant
22. **Kristin Nishimi** (November 2014 – August 2020), Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, Graduate Research Assistant
23. **Meg Min-Jung Wang** (January 2015 – May 2019), Department of Epidemiology, Harvard T.H. Chan School of Public Health, Graduate Research Assistant
24. **Virginia Fisher** (May 2015 – September 2016), Department of Biostatistics, Boston University School of Public Health, Graduate Research Assistant

25. **Ruijia Chen** (October 2016 – December 2017), Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, Advisee
26. **Brigette Davis** (November 2017 – June 2018), Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, Graduate Research Assistant
27. **Aparna Nathan** (June 2018-Fall 2018), Department of Bioinformatics, Harvard Graduate School of Arts and Sciences, Graduate Research Assistant
28. **Jiaxuan (Jessie) Liu** (November 2018 – September 2021), Department of Epidemiology, Harvard T.H. Chan School of Public Health, Graduate Research Assistant

MASTERS STUDENTS (n=5)

29. **David Steefel-Moore** (October 2014 – May 2015), Harvard Graduate School of Education, Graduate Research Assistant
30. **Yan Wang** (September 2014 – October 2015), Department of Biostatistics, Boston University School of Public Health, Graduate Research Assistant
31. **Jenny Tse** (May 2015 – June 2017), Department of Epidemiology, Harvard T.H. Chan School of Public Health, Graduate Research Assistant
32. **Kuang Zheng** (May 2015 – November 2017), Department of Environmental Health, Harvard T.H. Chan School of Public Health, Graduate Research Assistant
33. **Khalil Zlaoui** (March 2018 – January 2019), Department of Biostatistics, Brown University, Graduate Research Assistant

POSTBACCALAUREATE STUDENTS (n=1)

34. **Yael Kahn** (October 2018 – December 2018), Harvard Extension School, Postbaccalaureate Premedical Program

UNDERGRADUATE STUDENTS (n=9)

35. **Tope Agabalogun** (Spring 2013, Harvard University, Human Evolutionary Biology Supervised Research Experience
36. **Jason Gomez** (October 2014 – December 2014), Harvard University, Research Assistant
37. **Sandy Li** (October 2014 – December 2015), Harvard University, Research Assistant
38. **Claire Peterson** (March 2017 – May 2018), Northeastern University, Research Assistant
39. **Samantha Ernst** (January 2018 – June 2018), Northeastern University, Research Assistant, Awards: Won the Value Pitch Award (\$1,000) and the best undergraduate poster in the Interdisciplinary research category at the Research, Innovation, and Scholarship Expo (RISE) at Northeastern University. These awards were presented for the work entitled: “Early Prediction of Child Maltreatment Using Electronic Health Records.” Samantha Ernst; Erin Dunn, ScD, MPH
40. **Kristina Jacobsson** (August 2018 – April 2021), Harvard University, Research Assistant
41. **Lynandrea Mejia** (December 2018 – June 2019), Wellesley College, Research Assistant
42. **Clara Parsons** (May 2019 – August 2019), Georgetown University, Research Assistant
43. **Daniella Ochoa-Gomez** (September 2019 – April 2021), Harvard University, Awards: Received the Program for Research in Science and Engineering (PRISE), 10-week summer program that aims to build community and stimulate creativity among Harvard undergraduate researchers in the life, physical/natural, engineering and applied sciences; Received the Mary Gordon Roberts Summer Thesis Award to support research that will contribute to her senior honors thesis. This award is given to Harvard students who are working within the Mind Brain Behavior Institute.

RESEARCH ASSISTANTS (n=13)

44. Yael Dai (October 2013 – May 2015)
45. Miriam Raffeld (August 2014 – May 2016)
46. Bridget Chak (June 2015 – December 2015)
47. Katherine Crawford (May 2016 – June 2018)

48. Kathryn Davis (September 2017 – July 2019)
49. Janine Cerutti (August 2018 – July 2021)
50. Olivia Pickett (January 2019 – June 2021)
51. Emma Glickman (July 2019 – March 2021)
52. Nitasha Siddique (February 2021 – January 2023)
53. Samantha Stoll (June 2021- present)
54. Madison Bigler (July 2022-present)
55. Sherief Eldeeb (August 2023 – present)
56. Shayari Peiris (August 2023 – present)

RESEARCH TECHNICIANS (n=1)

57. Mohamed Elebiary (November 2019 – December 2020)

DATA ANALYSTS (n=3)

58. Tom Soare (September 2015-October 2017)
59. Yiwon Zhu (January 2018 – August 2020)
60. Brooke Smith (January 2020 – August 2021)

INTERNS and CO-OP STUDENTS (n=26)

61. Deborah Rose (Summer 2015) – Harvard Catalyst Summer Clinical & Translational Research Program
62. Emily Smail (Summer 2015) – Harvard Amgen Scholars Program
63. Jenna Kieley (Fall 2015) – Northeastern University
64. Stephanie Gomez (Spring 2016) – Northeastern University
65. Emily Moya (Summer 2016) – Harvard University
66. Alice Renaud (Spring 2017) – Northeastern University
67. Nancy Wang (Summer 2017) – from Johns Hopkins University
68. Jessica Dampier (Fall 2017) – Northeastern University
69. Juan C. Ramirez-Tapia (Spring 2018) – Massachusetts Rehabilitation Commission (MRC)
70. Clara Parsons (Summer 2019) – Georgetown University
71. Krista Caasi (Summer 2019) – Princeton Day School
72. Kristina Jacobsson (Spring 2019) – Harvard University
73. Olivia Sterns (Spring 2020) – Northeastern University
74. Elizabeth LeBlanc (Spring 2020) – Northeastern University
75. Liana Maggid (Fall 2020) – Northeastern University
76. Nina Chung (Winter 2020) – Harvard University
77. Nikita Murli (Spring 2021) – Northeastern University (received PEAK Experience Summit Award from Northeastern to continue her work with my lab)
78. Simran Kaur (Spring 2021) – Northeastern University
79. Jeanine Nasser (Spring 2021) – Northeastern University
80. Hallie Friedman (Summer 2022) – Boston College
81. Caitlin Martin-Welp (Summer 2022) – Boston College
82. Grace Burke (Fall 2022) – Northeastern University
83. Molly Boll (Spring 2023) – Northeastern University
84. Samantha Mahoney (Spring 2023) – Northeastern University
85. Virginia Durcan (Summer 2023) – Bryn Mawr College
86. Celia Friedman (Fall 2023) – Northeastern University

16. OTHER PROFESSIONAL TRAINING

2022 Oral System Sciences, Harvard School of Dental Medicine (semester-long course)

- 2017 Leadership Development Course for Physicians and Scientists, Harvard School of Medicine (Three day course)
- 2014 Negotiation Essentials, Office for Research Career Development, Massachusetts General Hospital (One day course)
- 2013 Marketing for Scientists, Office for Research Career Development, Massachusetts General Hospital (One day course)
- 2012 Institute on Systems Science and Health, Washington University at St. Louis (Six day course)
- 2011 Cells to Society (C2S) Biomarker Institute, Northwestern University (Three day course)
- 2010 Cold Spring Harbor Laboratory, Genetics of Complex Human Diseases (Seven day course)
- 2010 Massachusetts General Hospital, Harvard Catalyst Genetics and Bioinformatics Courses (Three day course)
- 2007 Johns Hopkins School of Public Health, Principles and Practice of Injury Prevention Summer Institute (Five day course)

17. SERVICE TO THE FIELD

Editorial Board

- 2023 – Editorial Review Board, Journal of Mood and Anxiety Disorders
- 2022 – Editorial Review Board, Environmental Epigenetics
- 2021 – Editorial Board, Complex Psychiatry
- 2018 – 2023 Deputy Editor, Depression and Anxiety

Journal Reviewer – Ad Hoc

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| <ul style="list-style-type: none"> Acta Psychiatrica Scandinavica American Journal of Medical Genetics Part B: Neuropsychiatric Genetics American Journal of Preventive Medicine American Journal of Psychiatry Annals of Epidemiology Archives of Disease in Childhood Biological Psychiatry Biology of Mood and Anxiety Disorders BMJ Mental Health Brain and Behavior British Journal of Psychiatry Child Abuse and Neglect Child Development Child Maltreatment Clinical Epigenetics Clinical Psychology and Psychotherapy Depression and Anxiety Drug and Alcohol Dependence Environmental Epigenetics European Psychiatry Harvard Review of Psychiatry International Journal of Geriatric Psychiatry International Journal of Pediatric Dentistry JAMA Network Open JAMA Pediatrics | <ul style="list-style-type: none"> JAMA Psychiatry Journal of Abnormal Child Psychology Journal of Adolescent Health Journal of Affective Disorders Journal of the American Academy of Child and Adolescent Psychiatry Journal of Child and Family Studies Journal of Child Psychology and Psychiatry Journal of Clinical Child and Adolescent Psychology Journal of Clinical Psychiatry Journal of Dental Research Journal of Psychiatric Research Journal of Public Health Dentistry Journal of Nervous and Mental Disease Journal of Research on Adolescence Molecular Psychiatry Nature Nature Communications Oral Diseases Pediatrics PLoS One Prevention Science Psychological Medicine Psychoneuroendocrinology Sleep Health Social Science and Medicine |
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Social Psychiatry and Psychiatric
Epidemiology
Stress and Health
Suicide and Life Threatening Behavior

Translational Psychiatry
Wellcome Open Research
World Journal of Biological Psychiatry

Scientific Program Reviewer

Anxiety and Depression Association of America
International Epidemiological Association (IEA)
International Society for Traumatic Stress Studies
Society for Epidemiological Research (poster judge)
World Congress of Psychiatric Genetics (oral and poster judge)

Grant Reviewer

2021 Swiss National Science Foundation
2021 Brain Canada
2020 Dutch Research Council (NWO)
2019 Mind, Brain, and Behavior Initiative, Harvard University
2018 BRACE Alzheimer's Research
2018 Genome Canada
2017, 2018 Icelandic Research Fund (IRF)
2017, 2019 Medical Research Council (MRC)
2015 Netherlands Organisation for Health Research and Development (ZonMw)
2017 Robert Wood Johnson Foundation
2017 Russell Sage Foundation
2015 United States-Israel Binational Science Foundation

NIH Review Panel

June 2023 National Institute of Mental Health (NIMH), Special Emphasis Panel (ZMH1 ERB-R (01) R), Non-Pharmacological Clinical Trials
October 2022 National Institute of Mental Health (NIMH), Special Emphasis Panel (ZMH1 ERB-R (01) R), Non-Pharmacological Clinical Trials
May 2018 Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Population Sciences Sub-Committee (CHHD W)
May 2018 Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Special Emphasis Panel (ZHD1 DSR-W 56 "Archiving and Documenting Child Health and Human Development Data Sets (R03)").

Departmental and Institution Service

2023 – Associate Professor Representative to the Executive Committee on Research, Mass General Brigham Hospital (elected position)
2021 Faculty Search Committee, Faculty Affairs Committee, Center for Genomic Medicine, Massachusetts General Hospital
2016 – 2019 Advisory Council Member, MGH Graduate School Division, Massachusetts General Hospital, Boston, MA
2016 Community Building Committee, Center for Genomic Medicine

18. OTHER PROFESSIONAL ACTIVITIES

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| 2020 | Advisory Board Member, MGH Fatherhood Project |
| 2013 | North American Early Career Representative, International Epidemiology Association |
| 2013 | Psychiatric Genomics Consortium (PGC) Post-Traumatic Stress Disorder (PTSD) Trauma Exposure/Environment Work Group |
| 2009 – 2010 | Co-President, Student Mental Health Consortium, Harvard T.H. Chan School of Public Health |

19. PROFESSIONAL LICENSES

- Elementary Educator Certification (grade 1-6), Initial License, Commonwealth of Massachusetts, Department of Education (License #381651)
- Preschool Teacher Certification, Commonwealth of Massachusetts, Office for Children (License #9510236)

20. SOCIAL SERVICE and OTHER PROFESSIONAL EXPERIENCE

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|-------------|--|
| 2007 – 2008 | Senior Staff Writer , Health and Human Development Programs, Education Development Center, Newton, MA |
| 2001 | Student Teacher , Josiah Quincy Elementary School, Boston, MA |
| 1999 – 2001 | Program Coordinator , Tobin Scholars Mentor Program, Boston, MA |
| 1999 | Program Coordinator , Jumpstart, San Francisco, CA |
| 1996 – 1998 | AmeriCorps Member, Teacher, Team Leader , Jumpstart, Boston, MA |
| 1998 | Mental Health Worker , Italian Home for Children, Jamaica Plain, MA |

21. MEMBERSHIPS

- Member (elected), American Psychopathological Association
- Member, Anxiety and Depression Association of America
- Member, International Society for Traumatic Stress Studies
- Member, Society of Biological Psychiatry
- Member, Society for Epidemiologic Research
- Member, Society for Research on Child Development