

CURRICULUM VITAE
Erin Cathleen Dunn, ScD, MPH

1. CONTACT INFORMATION

Massachusetts General Hospital
Psychiatric and Neurodevelopmental Genetics Unit
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2. PROFESSIONAL INTERESTS

- Childhood adversity and the mechanisms linking adversity to risk for psychopathology during sensitive periods in development
- Genetic determinants of mood disorders and gene-by-social environment interplay
- Social (school and neighborhood) determinants of psychiatric disorders, with an emphasis on using novel methods (e.g., cross-classified multilevel modeling)

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

01/2016 – present	Affiliated Faculty , Psychiatric Epidemiology T-32 Training Grant, Harvard T.H. Chan School of Public Health
02/2016 – present	Research Fellow (honorary academic status) , Department of Psychiatry, Erasmus Medical Center, Rotterdam, The Netherlands
11/2015 – present	Assistant Professor in 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	Assistant in Research , Massachusetts General Hospital, Boston, MA
01/2014 – present	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. TRAINEESHIPS and RESEARCH ASSISTANT POSITIONS

- 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

- 2018 Certificate for most interesting and promising poster, American Psychopathological Association
- 2017 Behavioral 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.

ACTIVE

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

Role on Project: Principal Investigator

Dates: July 1 2017 – June 30 2022 (1R01MH113930)

Funder: National Institute of Mental Health (\$1,662,633)

Description: This BRAINS R01 grant (Biobehavioral Research Award for Innovative New Scientists) will evaluate whether DNA methylation is a central molecular mechanism linking adversity to risk for depression in adolescence and young adulthood.

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

Role on Project: Principal Investigator

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

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

Description: The aim of this K-01 application will be to identify sensitive periods in development that are associated with the prodrome of internalizing symptoms, explore the role of exposure to adversity during sensitive periods, and examine how genetic variants modify the effect of adversity during sensitive periods on risk for internalizing symptoms.

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

Role on Project: Principal Investigator

Dates: July 1 2017 – June 30 2018

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

Description: The goal of this grant is to examine the relationship between genes, exposure to childhood adversity, and their interaction on memory, IQ, attention and subsequent risk for adolescent-onset depression.

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 on Project: Principal Investigator

Dates: July 1 2017 – June 30 2019

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

Description: The goal of this study is to evaluate the extent to which early socioeconomic disadvantage becomes biologically embedded through DNA methylation marks to affect work and educational attainment during adolescence.

COMPLETED

Sensitive Periods Associated with the Development of Depression

Role on Project: Principal Investigator

Dates: January 1 2014 – December 31 2016

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

Description: This NARSAD Young Investigator grant will examine the relationship between genes, exposure to adversity, functioning in two social processing domains (i.e., emotion recognition skills; social cognition) and risk of adolescent-onset depression.

Epigenetics, childhood adversity, and sensitive periods in adolescent depression

Role on Project: Principal Investigator

Dates: May 1 2015 – October 31 2016

Funder: Harvard Catalyst (\$74,585)

Description: This project examines whether epigenetic modification is a central biological mechanism explaining how exposure to childhood adversity during sensitive periods in development increases risk for adolescent-onset depression.

Using a Developmentally-Informed Model of Gene-Environment Interaction (GxE) to Identify Sensitive Periods in Executive Functioning

Role on Project: Co-Principal Investigator (PI: Smoller)

Dates: April 1 2013 – March 30 2015

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

Description: This grant examined the association between genes, exposure to adversity, executive functioning, and risk of adolescent-onset depression.

Disentangling the Simultaneous Influence of School and Neighborhood Contexts on Youth Weight Status

Role on Project: Co-Investigator (PI: Richmond)

Dates: January 1 2014 – December 31 2014

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

Description: This grant used cross-classified multilevel modeling techniques to disentangle the role of school and neighborhood social and physical environments on youth body mass index and other weight-related outcomes.

Genotype by Social Environment Interplay (GxE) in Depressive Symptoms

Role on Project: Co-Investigator (PI: Subramanian)

Dates: January 1 2012 – August 31 2013

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

Description: This study assessed the independent and shared effects of genetic, school, and neighborhood environments on levels of depressive symptoms in adolescents.

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 on Project: Principal Investigator

Dates: May 1 2011 – September 1 2011

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

Description: This grant provided training and research experience in designing and conducting genetically informative studies of risk factors for depressive and anxiety disorders.

Gene-Environment Interaction and Youth Depression

Role on Project: Principal Investigator

Dates: September 1 2010 – June 1 2011

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

Description: The Julius B. Richmond fellowship provided training and research experience in how to conduct interdisciplinary research and translate research findings towards social policies that improve healthy child development.

Etiology of Adolescent Depression: Gene and Social (Family, Neighborhood, and School) Environment Interactions

Role on Project: Principal Investigator (1F31MH088074)

Dates: September 25 2009 – September 24 2011

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

Description: The aim of this pre-doctoral training grant was to explore links between three candidate genes, family, neighborhood, and school environments, and risk of adolescent-onset depression.

Attitudes Towards Physical Health Needs and Physical Health Experiences By People with Psychiatric Disabilities

Role on Project: Principal Investigator

Dates: September 1 2004 – May 1 2005

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

Description: A study to assess the physical health needs and experiences of people living with serious mental illness.

8. PUBLICATIONS

**Denotes joint first author publication

Underline denotes a current or former mentee

Italicized denotes senior and corresponding author

Google Scholar: h-index=22; i10-index=38; citations=1603

Publications as first author: 24

Publications as last (senior) author: 7

PEER-REVIEWED ARTICLES

Accepted/In Press

1. **Dunn, E.C.**, Crawford, K.M., Soare, T.W., Button, K.S., Raffeld, M.R., Smith, A.D.A.C., Penton-Voak, I.S., & Munafo, M.R. (e-pub). Exposure to childhood adversity and deficits in emotion recognition: Results from a large, population-based sample. *Journal of Child Psychology and Psychiatry*. PMID: 29512866.

2. **Dunn, E.C.**, Soare, T.W., Raffeld, M.R., Busso, D.S., Crawford, K.M., Davis, K.A., Fisher, V.A., Slopen, N., Smith, A.D.A.C., Tiemeier, H., & Susser, E.S. (e-pub). What life course theoretical models best explain the relationship between exposure to childhood adversity and psychopathology symptoms: recency, accumulation, or sensitive periods? *Psychological Medicine*. PMID: 29478418.
3. Peyrot, W.J., Van der Auwera, A., Milaneschi, Y., Dolan, C.V., Madden, P.A.F., Sullivan, P.F., Strohmaier, J., Ripke, S., Rietschel, M., Nivard, M.G., Mullins, N., Montgomery, G.W., Henders, A.K., Heath, A.C., Fisher, H.L., **Dunn, E.C.**, Byrne, E.M., Air, T.A., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Baune, B.T., Breen, G., Levinson, D.F., Lewis, C.M., Martin, N.G., Elliot, N., Boomsma, D.I., Grabe, H.J., Wray, N.R., Penninx, B.W. (e-pub). Does childhood trauma moderate polygenic risk for depression? A meta-analysis of 5,765 subjects from the Psychiatric Genomics Consortium. *Biological Psychiatry*. PMID: 29129318
PMCID: PMC5862738.

2018

4. **Dunn, E.C.**, Nishimi, K., Gomez, S.H., Lott, A.P., & Bradley, B. (2018). Developmental timing of trauma exposure and emotion dysregulation in adulthood: Are there sensitive periods when trauma is most harmful? *Journal of Affective Disorders*, 227. 869-877. PMID: 29254068. PMCID: PMC5805641.
5. **Dunn, E.C.**, Sofer, T., Wang, M., Soare, T.S., Gallo, L.C., Gogarten, S.M., Kerr, K. F., Chen, C., Stein, M.B., Ursano, R.J., Guo, X., Jia, Y., Yao, J., Rotter, J.I., Argos, M., Cai, J., Perreira, K., Wassertheil-Smoller, S., & Smoller, J.W. Genome-wide association study (GWAS) of depressive symptoms in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). (2018). *Journal of Psychiatric Research*, 99, 167-176. PMID: 29505938.
6. Vaughn-Coaxum, R., Wang, Y., Kiely, J., Weisz, J.R., & **Dunn, E.C.** (2018). Associations between trauma type, timing, and accumulation on current coping behaviors in adolescents: Results from a large, population-based sample. *Journal of Youth and Adolescence*, 47(4): 842-858. PMCID: in progress PMID: 28555292.
7. Wassertheil-Smoller, S., Qi, Q., Tushar, D., Mitchell, B., Jackson, R., Liu, S., Park, K., Salinas, J., **Dunn, E.C.**, Leira, E., Smoller, J. (2018). Polygenic risk for depression increases risk of ischemic stroke: from the Stroke Genetics Network (SiGN) study. *Stroke*, 49(3): 543-548. PMID: 29438084.
8. Van der Auwera, S., Peyrot, W.J., Milaneschi, Y., Hertel, J., Baune, B.T., Breen, G., Byrne, E.M., **Dunn, E.C.**, Fisher, H.L., Homuth, G., Levinson, D.F., Lewis, C.M., Martin, N., Mills, N., Mullins, N., Nauck, M., Pistis, G., Preisig, M., Rietschel, M., Ripke, S., Sullivan, P.F., Teumer, A., Völzke, H., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Boomsma, D.I., Wray, N.R., Penninx, B.W.J.H., & Grabe, H.J. (2018). Genome-wide gene-environment interaction in depression: A systematic evaluation of candidate genes. *American Journal of Medical Genetics: Neuropsychiatric Genetics*, 177(1). 40-49. PMID: 29159863 PMCID: PMC5726923.

2017

9. **Dunn, E.C., Wang, Y., Tse, J., McLaughlin, K.A., Fitzmaurice, G., Gilman, S.E., & Susser, E.S.** (2017). Sensitive periods for the effect of childhood interpersonal violence on psychiatric disorder onset among adolescents. *British Journal of Psychiatry*, 211 (6), 365-372. PMID: 29097401 PMCID: PMC5709674.
10. **Dunn, E.C., Sofer, T., Gallo, L.C., Gogarten, S.M., Kerr, K. F., Chen, C., Stein, M.B., Ursano, R.J., Guo, X., Jia, Y., Qi, Q., Rotter, J.I., Argos, M., Cai, J., Penedo, F.J., Perreira, K., Wassertheil-Smoller, S., & Smoller, J.W.** Genome-wide association study (GWAS) of generalized anxiety symptoms in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). (2017). *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*. 174(2). 132-143. PMCID: PMC5501086 PMID: 27159506.
11. **Dunn, E.C., Nishimi, K., Powers, A.P., & Bradley, B.** (2017). Is developmental timing of trauma exposure associated with depressive and post-traumatic stress disorder symptoms in adulthood? *Journal of Psychiatric Research*. 84, 119-127. PMCID: PMC5479490 PMID: 27728852
12. **Gomez, S.H., Tse, J., Wang, Y., Turner, B., Millner, A., Nock, M.K., & Dunn, E.C.** (2017). Are there sensitive periods when child maltreatment substantially elevates suicide risk? Results from a nationally-representative sample of adolescents. *Depression & Anxiety*. 34(8). 734-741. PMCID: in progress PMID: 28544045
13. **Salinas, J., Ray, R., Nassir, R., Kamakshi, L., Dording, C., Smoller, J.W., Wassertheil-Smoller, S., Rosand, J., & Dunn, E.C.** (2017). Factors associated with new-onset depression following ischemic stroke: The Women's Health Initiative. *Journal of the American Heart Association*, 6 (2), e003828. PMCID: PMC5523739 PMID: 28151400
14. **Milliren, C.E., Richmond, T.K., Evans, C.R., Dunn, E.C., & Johnson, R.M.** (2017). Contextual effects of neighborhoods and schools on adolescent and young adult marijuana use in the United States. *Substance Abuse: Research and Treatment*, 11, 1-10. PMCID: PMC5462815 PMID: 28615949
15. **Bigdeli, T., Ripke, S., Peterson, R.E., Bacanu, S., Abdellaoui, A., Andlauer, T., Beekman, A., Berger, K., Blackwood, D., Boomsma, D.I. Breen, G., Buttenschøn, H., Byrne, E., Cichon, S., Clarke, T., Couvy-Duchesne, B., Craddock, N., de Geus, E., Degenhardt, F., Dunn, E.C., Edwards, A., Fanous, A.H., Forstner, A.J., Frank, J., Gill, M., Gordon, S., Grabe, H.J., Hamilton, S.P., Hardiman, O., Hayward, C., Heath, A., Henders, A., Herms, S., Hickie, I., Hoffmann, P., Homuth, G., Hottenga, J., Ising, M., Jansen, R., Kloiber, S., Knowles, J., Lang, M., Li, Q., Lucae, S., MacIntyre, D., Madden, P., Martin, N., McGrath, P.J., McGuffin, P., McIntosh, A.M., Medland, S.E., Mehta, D., Middeldorp, C.M., Milaneschi, Y., Montgomery, G.W., Mors, O., Müller-Myhsok, B., Nauck, M., Nyholt, D., Nöthen, M., Owen, M., Penninx, B.W., Pergardia, M.L., Perlis, R., Peyrot, W.J., Porteous, D., Potash, J., Rice, J.P., Rietschel, M., Riley, B.P., Rivera, M., Schoevers, R., Schulze, T., Shi, J., Shyn, S.I., Smit, J., Smoller, J., Streit, F., Strohmaier, J., Teumer, A., Treutlein, J., Van der Auwera, S., van Grootheest, G., va Hemert, A.M., Völzke, H., Webb, B.T., Weissman, M.M., Wellmann, J., Willemsen, G., Witt, S.H., Levinson, D.F., Lewis, C.M., Wray, N.R., Flint, J., Sullivan, P.F., Kendler, K.S., Genetic effects influencing risk for major depressive disorder in China and Europe. (2017). *Translational Psychiatry*. 7(3), e1074. PMCID: PMC5404611. PMID:28350396.**

2016

16. **Dunn, E.C.,**** Wiste, A., Radmanesh, F., Almlí, L.M., Gogarten, S.M., Sofer, T., Faul, J.D., Kardia, S.L.R., Smith, J.A., Weir, D.R., Zhao, W., Mirza, S.S., Hek, K., Tiemier, H.W., Goveas, J.S., Sarto, G.E., Snively, B.M., Cornelis, M., Koenen, K.C., Kraft, P., Purcell, S., Kessler, K.J., Rosand, J., Wassertheil-Smoller, S., & Smoller, J.W. (2016). Genome-wide association study (GWAS) and genome-wide environment interaction study (GWEIS) of depressive symptoms in African American and Hispanic women. *Depression and Anxiety*, 33 (4), 265-280. PMID: PMC4826276. PMID: 27038408. * I received the Donald F. Klein Early Career Investigator Award from the Anxiety and Depression Association of America (ADAA) for this paper. This award honors an early career investigator for the best original research paper on neurobiology, psychopharmacology, psychosocial treatments, or experimental psychopathology of anxiety disorders and depression.
17. **Dunn, E.C.,** Busso, D.S., Raffeld, M.R., Smoller, J.W., Nelson, C.A., Doyle, A.E., & Luk, G. (2016) Does developmental timing of exposure to child maltreatment predict memory performance in adulthood? Results from a large, population-based sample. *Child Abuse and Neglect*, 51, 181-191. PMID: PMC4713298. PMID: 26585216
18. Wang, Y., Raffeld, M.R., Slopen, N., Hale, L., & **Dunn, E.C.** (2016). Childhood adversity and insomnia in adolescence. *Sleep Medicine*, 21, 12-18. PMID: PMC4964593. PMID: 27448466
19. Salinas, J., Beiser A, Himali JJ, Rosand J, Seshadri, **Dunn, E.C.** (2016). Factors associated with new-onset depression after stroke. *Journal of Neuropsychiatry and Clinical Neurosciences*, 28 (4), 286-291. PMID: PMC5474200 PMID: 27056020
20. Pabayo, R., **Dunn, E.C.,** Gilman, S.E., Kawachi, I., Molnar, B.E. (2016). Income inequality within urban settings and depressive symptoms among adolescents. *Journal of Epidemiology and Community Health*, 70 (10), 997-1003. PMID: PMC5473150 PMID: 27103664
21. Richmond, T.K., **Dunn, E.C.,** Milliren, C.E., Evans, C.R., & Subramanian, S.V. (2016.) Disentangling overlapping influences of neighborhoods and schools on adolescent body mass index. *Obesity*, 24, 2570-2577. PMID: PMC5479485 PMID: 27863090
22. Carliner, H., Keyes, K.M., McLaughlin, K.A., Meyers, J.L., **Dunn, E.C.,** & Martins, S.S. (2016). Childhood trauma and illicit drug use in adolescence: A population-based National Comorbidity Survey Replication-Adolescent Supplement Study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 55 (8), 701-708. PMID: PMC4964281. PMID: 27453084.
23. Direk, N., Williams, S., Smith, J.A., Ripke, S., Amin, N., Bennett, D.A., Blackwood, D.H.R., Boomsma, D., Breen, G., Buttenschøn, H.N., Bryne, E.M., Børglum, A.D., Castelao, E., Cichon, S., Clarke, T., Cornelis, M.C., De Jager, P.L., Demirkan, A., van Duijin, C.M., **Dunn, E.C.,** Eriksson, J.G., Faul, J.D., Ferrucci, L., Fornage, M., de Geus, E., Gill, M., Gordon, S.D., Jörgen Grabe, H., van Grootheest, G., Hamilton, S.P., Heath, A.C., Hek, K., Hofman, A., Homuth, G., Jan Hottenga, J., Kardia, S.L.R., Kloiber, S., Koenen, K., Kutalik, Z., Ladwig, K.L., Lahti, J., Lewis, C.M., Lewis, G., Llewellyn, D.J., Lucae, S., Lunetta, K.L., MacIntyre, D.J., Madden, P., Martin, N.G., McIntosh, A.M., Milaneschi, Y., Montgomery, G.W., Mors, O., Mosley Jr., T.H., Murabito, J.M., Müller-Myhsok, B., Nöthen, M., Nyholt, D.R., Penninx, B., Pergadia, M.R., Preisig, M., Purcell, S.M., Rääkkönen, K., Rice, J.P., Rietschel, M., Rivera, M., Schulze, T.G., Shyn, S., Smit, J., Smoller, J.M.,

Tanaka, T., Teumer, A., Uher, R., Van der Auwera, S., Ware, E.B., Weir, D.R., Willemsen, G., Yang, J., Zhao, W., Tiemeier, H., Sullivan, P.F. An analysis of two genome-wide association meta-analyses identifies a new locus for broad depression phenotype. (2016). *Biological Psychiatry*. pii: 20006-3223(16)33068-2. PMID: 28049566

2015

24. **Dunn, E.C.**, Milliren, C.E., Evans, C.R., Subramanian, S.V., & Richmond, T.K. (2015). Disentangling the relative influence of schools and neighborhoods on adolescents' risk for depressive symptoms. *American Journal of Public Health*, 105(4), 732-740. PMID: 25713969
25. **Dunn, E.C.**, Brown, R.C., Dai, Y., Rosand, J., Nugent, N.R., Amstadter, A.B., & Smoller, J.W. (2015). Genetic determinants of depression: Recent findings and future directions. *Harvard Review of Psychiatry*, 23 (1), 1-18. PMID: 25563565
26. **Dunn, E.C.**, Richmond, T.K., Milliren, C.E., & Subramanian, S.V. (2015). Using cross-classified multilevel models to disentangle school and neighborhood effects: An example focusing on smoking behaviors among adolescents in the United States. *Health & Place*, 31, 224-232. PMID: 25579227
27. **Dunn, E.C.**, Masyn, K.E., Johnston, W.R., & Subramanian, S.V. (2015). Modeling contextual effects using individual-level data and without aggregation: An illustration of multilevel factor analysis (MLFA) with collective efficacy. *Population Health Metrics*, 13:12. PMID: 26019691
28. **Dunn, E.C.**, Masyn, K.E., Jones, S.M., Subramanian, S.V., & Koenen, K.C. (2015). Measuring psychosocial climates using individual responses: An application of multilevel factor analysis to examining students in schools. *Prevention Science*, 16, 718-733. PMID: 25421872
29. Germine, L., **Dunn, E.C.**, McLaughlin, K.A., & Smoller, J.W. (2015). Childhood adversity is associated with adult theory of mind and social affiliation, but not face processing. *Plos One*, 10(6): e0129612. PMID: 26068107
30. Gilman, S.E., Ni, M.Y., **Dunn, E.C.**, Breslau, J., McLaughlin, K.A., Smoller, J.W., & Perlis, R. (2015). Contributions of the social environment to first-onset and recurrent mania. *Molecular Psychiatry*, 20, 329-336. PMID: 24751965
31. Murphy, J.M., Guzman, J., McCarthy, A., Squicciarini, A.M., George, M., Canenguez, K., **Dunn, E.C.**, Baer, L., Simonsohn, A., Smoller, J.W., & Jellinek, M. (2015). Mental health predicts better academic outcomes: A longitudinal study of elementary school students in Chile. *Child Psychiatry and Human Development*, 46, 245-256. PMID: 24771270

2014

32. **Dunn, E.C.**, Masyn, K.E., Yudron, M., Jones, S.M., & Subramanian, S.V. (2014). Translating multilevel theory into multilevel research: Challenges and opportunities for understanding the social determinants of psychiatric disorders. *Social Psychiatry and Psychiatric Epidemiology*, 49, 859-872. PMID: 24469555

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PEER-REVIEWED ARTICLES PUBLISHED WITH CONSORTIA

Note. Authorship for the Major Depressive Disorder Workgroup of the Psychiatric Genomics Consortium is as follows: Naomi R Wray, Stephan Ripke, Manuel Mattheisen, Maciej Trzaskowski, Enda M Byrne, Abdel Abdellaoui, Mark J Adams, Esben Agerbo, Tracy M Air, Till F M Andlauer, Silviu-Alin Bacanu, Marie Bækvad-Hansen, Aartjan T F Beekman, Tim B Bigdeli, Elisabeth B Binder, Douglas H R Blackwood, Julien Bryois, Henriette N Buttenschøn, Jonas Bybjerg-Grauholm, Na Cai, Enrique Castelao, Jane Hvarregaard Christensen, Toni-Kim Clarke, Jonathan R I Coleman, Lucía Colodro-Conde, Baptiste Couvy-Duchesne, Nick Craddock, Gregory E Crawford, Gail Davies, Ian J Deary, Franziska Degenhardt, Eske M Derks, Nese Direk, Conor V Dolan, **Erin C Dunn**, Thalia C Eley, Valentina Escott-Price, Farnush Farhadi Hassan Kiadeh, Hilary K Finucane, Andreas J Forstner, Josef Frank, Hélène A Gaspar, Michael Gill, Fernando S Goes, Scott D Gordon, Jakob Grove, Lynsey S Hall, Christine Sjøholm Hansen, Thomas F Hansen, Stefan Herms, Ian B Hickie, Per Hoffmann, Georg Homuth, Carsten Horn, Jouke-Jan Hottenga, David M Hougaard, Marcus Ising, Rick Jansen, Eric Jorgenson, James A Knowles, Isaac S Kohane, Julia Kraft, Warren W. Kretschmar, Jesper Krogh, Zoltán Kutalik, Yihan Li, Penelope A Lind, Donald J MacIntyre, Dean F MacKinnon, Robert M Maier, Wolfgang Maier, Jonathan Marchini, Hamdi Mbarek, Patrick McGrath, Peter McGuffin, Sarah E Medland, Divya Mehta, Christel M Middeldorp, Evelin Mihailov, Yuri Milaneschi, Lili Milani, Francis M Mondimore, Grant W Montgomery, Sara Mostafavi, Niamh Mullins, Matthias Nauck, Bernard Ng, Michel G Nivard, Dale R Nyholt, Paul F O'Reilly, Hogni Oskarsson, Michael J Owen, Jodie N Painter, Carsten Bøcker Pedersen, Marianne Giørtz Pedersen, Roseann E. Peterson, Erik Pettersson, Wouter J Peyrot, Giorgio Pistis, Danielle Posthuma, Jorge A Quiroz, Per Qvist, John P Rice, Brien P. Riley, Margarita Rivera, Saira Saeed Mirza, Robert Schoevers, Eva C Schulte, Ling Shen, Jianxin Shi, Stanley I Shyn, Engilbert Sigurdsson, Grant C B Sinnamon, Johannes H Smit, Daniel J Smith, Hreinn Stefansson, Stacy Steinberg, Fabian Streit, Jana Strohmaier, Katherine E Tansey, Henning Teismann, Alexander Teumer, Wesley Thompson, Pippa A Thomson, Thorgeir E Thorgeirsson, Matthew Traylor, Jens Treutlein, Vassily Trubetskoy, André G Uitterlinden, Daniel Umbricht, Sandra Van der Auwera, Albert M van Hemert, Alexander Viktorin, Peter M Visscher, Yunpeng Wang, Bradley T. Webb, Shantel Marie Weinsheimer, Jürgen Wellmann, Gonneke Willemsen, Stephanie H Witt, Yang Wu, Hualin S Xi, Jian Yang 2, Futao Zhang, Volker Arolt, Bernhard T Baune, Klaus Berger, Dorret I Boomsma, Sven Cichon, Udo Dannlowski,

EJC de Geus, J Raymond DePaulo, Enrico Domenici, Katharina Domschke, Tõnu Esko, Hans J Grabe, Steven P Hamilton, Caroline Hayward, Andrew C Heath, Kenneth S Kendler, Stefan Kloiber, Glyn Lewis, Qingqin S Li, Susanne Lucae, Pamela AF Madden, Patrik K Magnusson, Nicholas G Martin, Andrew M McIntosh, Andres Metspalu, Ole Mors, Preben Bo Mortensen, Bertram Müller-Myhsok, Merete Nordentoft, Markus M Nöthen, Michael C O'Donovan, Sara A Paciga , Nancy L Pedersen, Brenda WJH Penninx, Roy H Perlis, David J Porteous, James B Potash, Martin Preisig, Marcella Rietschel, Catherine Schaefer, Thomas G Schulze, Jordan W Smoller, Kari Stefansson, Henning Tiemeier, Rudolf Uher, Henry Völzke, Myrna M Weissman, Thomas Werge, Cathryn M Lewis, Douglas F Levinson, Gerome Breen, Anders D Børglum, Patrick F Sullivan.

58. **Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium (PGC).** Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. (e-pub) *Nature Genetics*.
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MANUSCRIPTS UNDER REVIEW

60. **Dunn, E.C.**, Soare, T.W., Simpkin, A.J., Suderman, M.J., Klengel, T., Smith, A. D.A.C, Ressler, K., & Relton, C.L. Time-dependent effects of exposure to adversity on DNA methylation in late childhood.
61. Milliren, C.E., Evans, C.R., Richmond, T.K., & **Dunn, E.C.** Does an uneven sample size distribution across settings matter in cross-classified multilevel modeling? Results of a simulation study
62. Coleman, J., Purves, K., Davies, K., Rayner, C., Choi, S., Hübel, C., Gaspar, H., Kan, C., Van de Auwera, S., Adams, M., Lyall, D., Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, UK Biobank Mental Health Consortium, **Dunn, E. C.**, Vassos, E., Danese, A., Grabe, H., Lewis, C., O'Reilly, P., McIntosh, A., Smith, D., Hotopf, M., Eley, T. C., & Breen, G. Genome-wide gene-environment analyses of depression and reported lifetime traumatic experiences in UK Biobank.

BOOK CHAPTERS, MONOGRAPHS, and ENCYCLOPEDIA ENTRIES

1. Nishimi, K., Howe, E., & **Dunn, E. C.** (under review). Social Determinants of Psychiatric Illness. In Trinh, N. & Chen, J. (Eds.) *Sociocultural Psychiatry: A Casebook and Curriculum*. Boston, MA: Oxford University Press.
2. 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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4. 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.
5. 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.
6. 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.
7. **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.
8. **Dunn, E.C.**, & Mannell, M. (2006). Alcohol treatment and college students: Growing trend, emerging response. *Prevention File*, 3-6.
9. 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.

9. PRESENTATIONS

SYMPOSIUM ORGANIZER

1. **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.
2. **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. **Dunn, E.C.** (2018, June 20-23). Genes, exposure to adversity, and sensitive periods in risk for depression. Paper presented at the *48th Behavior Genetics Annual Meeting*, Cambridge, MA.
2. **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.

3. **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.
4. **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 at *International Society for Research in Child and Adolescent Psychopathology 18th Biennial Scientific Meeting*, Amsterdam, the Netherlands.
5. **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 Presentation at *International Society for Research in Child and Adolescent Psychopathology 18th Biennial Scientific Meeting*, Amsterdam, the Netherlands.
6. **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.
7. **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*, Philadelphia, PA.
8. **Dunn, E.C.** (2016, April 2) Genetic studies of depression: What have we learned from GWAS and GxE studies? Paper presented at *Anxiety and Depression Association of America*, Philadelphia, PA.
9. **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
10. **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.
11. **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.

12. **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.
13. **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.
14. **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.
15. **Salinas J,** Beiser A, Himali J, Rosand J, Seshadri S, **Dunn EC.** (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.
16. **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.
17. **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.
18. **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.
19. **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.
20. **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.

21. **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.
22. **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.
23. **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.
24. **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.
25. **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.
26. **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.
27. 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.
28. **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.
29. **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.
30. **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.

31. **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*.
32. **Dunn, E.C., & Masyn, K.E.** (2011, May 31). Using multi-level factor analysis and econometrics 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.
33. **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.
34. **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
35. **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
36. 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.
37. **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.
38. 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.
39. **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*.
40. 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.
41. **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.

42. **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.
43. **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.
44. 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.
45. **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.
46. 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.
47. **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.
48. 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.
49. **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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|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |

- February 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 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.

10. RESEARCH CONSULTANCIES

- 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.

11. TEACHING EXPERIENCE

INVITED GUEST LECTURES

April 2018 "Gene-environment interactions in depression: Public health implications." University of Massachusetts, Dartmouth, North Dartmouth, MA.

November 2017 "Social determinants of mental health." Sociocultural Lecture Series for Psychiatry Residents, Department of Psychiatry, Massachusetts General Hospital, Boston, 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.

November 2016 "Social determinants of mental health." Sociocultural Lecture Series for Psychiatry Residents, Department of Psychiatry, Massachusetts General Hospital, Boston, MA.

July 2016 "Social determinants of mental health." Sociocultural Lecture Series for Psychiatry Residents, Department of Psychiatry, Massachusetts General Hospital, Boston, MA.

September 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

12. ADVISING

PHD THESES TRAINEES *Doctoral Committee Member

Meg Min-Jung Wang* (2016)

Title: "Elucidating the Role of Vitamin D in Major Depression"

Department of Epidemiology

Harvard T.H. Chan School of Public Health

MASTERS THESES TRAINEES

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

POST-DOCTORAL RESEARCH FELLOWS

Sandro Marini, MD (May 2016 - present)

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

MEDICAL RESIDENTS

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

DOCTORAL STUDENTS

Dan Busso (April 2014 – January 2016)
Harvard Graduate School of Education
Graduate Research Assistant

Ruijia Chen (October 2016 – present)
Harvard T.H. Chan School of Public Health
Department of Social and Behavioral Sciences
Advisee

Brigette Davis (November 2017 – present)
Harvard T.H. Chan School of Public Health
Department of Social and Behavioral Sciences
Graduate Research Assistant

Virginia Fisher (May 2015 – September 2016)
Department of Biostatistics
Boston University School of Public Health
Graduate Research Assistant

Kristin Nishimi (November 2014 – present)
Harvard T.H. Chan School of Public Health
Department of Social and Behavioral Sciences
Graduate Research Assistant

Meg Min-Jung Wang (January 2015 – present)
Harvard T.H. Chan School of Public Health
Department of Epidemiology
Graduate Research Assistant

MASTERS STUDENTS

David Steefel-Moore (October 2014 – May 2015)
Harvard Graduate School of Education
Research Assistant

Jenny Tse (May 2015 – June 2017)
Department of Epidemiology, Harvard T.H. Chan School of Public Health
Research Assistant

Yan Wang (September 2014 – October 2015)
Department of Biostatistics, Boston University School of Public Health
Data Analyst

Kuang Zheng (May 2015 – November 2017)
Department of Environmental Health, Harvard T.H. Chan School of Public Health
Research Assistant in my lab

UNDERGRADUATE STUDENTS

Tope Agabalogun (Spring 2013)
Harvard University
Human Evolutionary Biology Supervised Research Experience

Jason Gomez (October 2014 – December 2014)
Harvard University
Research Assistant

Sandy Li (October 2014 – December 2015)
Harvard University
Research Assistant

Samantha Ernst (January 2018 – June 2018)
Northeastern University

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

RESEARCH ASSISTANTS

Bridget Chak (June 2015 – December 2015)
Katherine Crawford (May 2016 – present)
Yael Dai (October 2013 – May 2015)
Stephanie Gomez (January 2016 – June 2016)
Jenna Kieley (July 2015 – December 2015)
Emily Moya (May 2016 – September 2016)
Miriam Raffeld (August 2014 – May 2016)
Alice Renaud (January 2017 – June 2017)
Jessica Dampier (July 2017 – November 2017)
Kathryn Davis (September 2017 – present)

SUMMER INTERNS

Deborah Rose (Summer 2015) – Harvard Catalyst Summer Clinical & Translational Research Program
Emily Smail (Summer 2015) – Harvard Amgen Scholars Program
Nancy Wang (Summer 2017) – from Johns Hopkins University

13. OTHER PROFESSIONAL TRAINING

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)

14. SERVICE TO THE FIELD

Editorial Board

2018 – Deputy Editor, Depression and Anxiety

Journal Reviewer – Ad Hoc

Acta Psychiatrica Scandinavica	Journal of the American Academy of Child and Adolescent Psychiatry
American Journal of Medical Genetics Part B: Neuropsychiatric Genetics	Journal of Child and Family Studies
American Journal of Psychiatry	Journal of Child Psychology and Psychiatry
Annals of Epidemiology	Journal of Clinical Psychiatry
Archives of Disease in Childhood	Journal of Psychiatric Research
Biological Psychiatry	Journal of Research on Adolescence
Biology of Mood and Anxiety Disorders	Journal of Nervous and Mental Disease
Brain and Behavior	Molecular Psychiatry
British Journal of Psychiatry	Pediatrics
Child Abuse and Neglect	Plos One
Child Maltreatment	Prevention Science
Depression and Anxiety	Psychological Medicine
Drug and Alcohol Dependence	Psychoneuroendocrinology
European Psychiatry	Sleep Health
Harvard Review of Psychiatry	Social Science and Medicine
International Journal of Geriatric Psychiatry	Social Psychiatry and Psychiatric Epidemiology
JAMA Pediatrics	Stress and Health
JAMA Psychiatry	Suicide and Life Threatening Behavior
Journal of Abnormal Child Psychology	Translational Psychiatry
Journal of Adolescent Health	World Journal of Biological Psychiatry
Journal of Affective Disorders	

Scientific Program Reviewer

International Epidemiological Association (IEA)

Grant Reviewer

2017	Icelandic Research Fund (IRF), “Early Life Stress and Stress-Related Psychiatric Disorders: The Search for Genetic Moderators”
2017	Medical Research Council (MRC), “A Youth Culturally adapted Manual Assisted Psychological therapy (Y-CMAP) for adolescent Pakistani patients with a recent history of self-harm”
2015	Netherlands Organisation for Health Research and Development (ZonMw), “G3Y: Get a Grip on Generation Y”
2017	Robert Wood Johnson Foundation
2017	Russell Sage Foundation
2015	United States-Israel Binational Science Foundation

NIH Review Panels

- May 2018 Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Population Sciences Sub-Committee
- 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)”).

15. OTHER PROFESSIONAL ACTIVITIES

- 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
- 2016 – Advisory Council Member, MGH Graduate School Division, Massachusetts General Hospital, Boston, MA
- 2016 Community Building Committee, Center for Genomic Medicine

16. 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)

17. SOCIAL SERVICE and OTHER PROFESSIONAL EXPERIENCE

- 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

18. MEMBERSHIPS

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