

CURRICULUM VITAE  
**Erin Cathleen Dunn, ScD, MPH**

1. CONTACT INFORMATION

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

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- Childhood adversity and the mechanisms linking adversity to risk for psychopathology
- 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; multilevel factor analysis)

3. EDUCATION

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- 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

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01/2016 – present	<b>Affiliated Faculty</b> , Psychiatric Epidemiology T-32 Training Grant, Harvard T.H. Chan School of Public Health
02/2016 – present	<b>Research Fellow (honorary academic status)</b> , Department of Psychiatry, Erasmus Medical Center, Rotterdam, The Netherlands
11/2015 – present	<b>Assistant Professor in Psychiatry</b> , Harvard Medical School, Boston, MA
07/2015 – present	<b>Affiliated Faculty</b> , Center on the Developing Child, Harvard University
07/2014 – 11/2015	<b>Instructor in Psychiatry</b> , Harvard Medical School, Boston, MA
07/2014 – present	<b>Assistant in Research</b> , Massachusetts General Hospital, Boston, MA
01/2014 – present	<b>Research Fellow (honorary academic status)</b> , School of Social and Community Medicine, University of Bristol, Bristol, England
01/2014 – 10/2015	<b>Investigator</b> , Women’s Health Initiative (WHI), Buffalo, NY site
09/2011 – 06/2014	<b>Post-Doctoral Research Fellow</b> , 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	<b>Post-Doctoral Research Fellow in Psychiatry</b> , Harvard Medical School, Boston, MA
09/2011 – present	<b>Affiliated Researcher</b> , Stanley Center for Psychiatric Research, The Broad Institute of Harvard and MIT, Cambridge, MA
09/2011 – present	<b>Associate</b> , Program in Quantitative Genomics, Harvard T.H Chan School of Public Health, Boston, MA
01/2007 – 01/2011	<b>Research Assistant</b> , Harvard T.H Chan School of Public Health. Supervisors: Karestan C. Koenen, PhD and Beth E. Molnar, ScD
01/2008 – 01/2009	<b>Research Associate II</b> , Northeast Center for the Application of Prevention Technologies, Education Development Center, Newton, MA
01/2005 – 01/2007	<b>Associate Project Director</b> , Center for College Health and Safety, Education Development Center, Newton, MA
01/2004 – 01/2005	<b>Co-Project Director and Research Manager</b> , 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

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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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- 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

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\*\*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 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 2022

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

Description: The goal of this grant is to examine the link between genes, exposure to childhood adversity, and their interaction on memory, IQ, attention and 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 2022

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**

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\*\*Denotes joint first author publication

Underline denotes a current or former mentee

*Italicized* denotes senior and corresponding author

H-index (Google): 19

Publications as first author: 20

Publications as last (senior) author: 6

### **PEER-REVIEWED ARTICLES**

#### *Accepted/In Press*

1. Vaughn-Coaxum, R., Wang, Y., Kiely, J., Weisz, J.R., & **Dunn, E.C.** (in press). 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*. PMID: in progress PMID: 28555292.
2. Van der Auwera, S., Peyrot, W.J., Milaneshi, 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. (accepted). Genome-wide gene-environment interaction in depression: A systematic evaluation of candidate genes. *American Journal of Medical Genetics: Neuropsychiatric Genetics*.

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. (accepted). Does childhood trauma moderate polygenic risk for depression? A meta-analysis of 5,765 subjects from the Psychiatric Genomics Consortium. *Biological Psychiatry*.

2017

4. 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
5. **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: in progress PMID: 27159506.
6. **Dunn, E.C.**, Nishimi, K., Lott, 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: in progress PMID: 27728852
7. 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: in progress PMID: 28151400
8. 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. PMID: 28615949
9. 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., van 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. PMID: PMC5404611. PMID:28350396.

2016

10. **Dunn, E.C.,\*\*** Wiste, A., Radmanesh, F., Almlí, L.M., Gogarten, S.M., Sofer, T., Faul, J.D., Kardina, 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.
11. **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
12. 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
13. 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: in progress PMID: 27056020
14. 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: in progress PMID: 27103664
15. 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: in progress PMID: 27863090
16. 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.



17. 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 Duijn, 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. PMCID: in progress PMID:28049566

2015

18. **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. PMCID: PMC4358201. PMID: 25713969
19. **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. PMCID: PMC4309382. PMID: 25563565
20. **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. PMCID: PMC4443928. PMID: 25579227
21. **Dunn, E.C.**, Masyn, K.E., Johnston, W.R., & Subramanian, S.V. 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. PMCID: PMC4445268. PMID: 26019691
22. **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. PMCID: PMC4444407. PMID: 25421872
23. 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. PMCID: PMC4466913. PMID: 26068107
24. 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. PMCID: PMC4206672. PMID: 24751965

25. 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

26. **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
27. **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. (2014). Interaction between genetic variants and exposure to Hurricane Katrina on post-traumatic stress and post-traumatic growth: A prospective analysis of low income adults. *Journal of Affective Disorders*, 152-154, 243-249. PMID: 24161451
28. Pearson-Fuhrhop, K.M., **Dunn, E.C.\*\***, 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. (2014). Dopamine gene score predicts depressive symptoms in healthy adults and adults with depression. *Plos One*, 9 (5), e93772. PMID: 24834916
29. **Dunn, E.C.**, Winning, A., Zaika, N., & Subramanian, S.V. (2014). Does poor health predict moving, move quality, and desire to move?: A study examining neighborhood selection in US adolescents and adults. *Health & Place*, 30, 154-164. PMID: 25282124
30. Green, J.G., Johnson, R.M., **Dunn, E.C.**, Lindsey, M.A., Xuan, Z., & Zaslavsky, A.M. (2014). Mental health service use among high school students exposed to interpersonal violence. *Journal of School Health*, 84 (2), 141-149. PMID: 25099429

2013

31. **Dunn, E.C.**, McLaughlin, K.A., Slopen, N., Rosand, J., & Smoller, J.W. (2013). Developmental timing of child maltreatment and symptoms of depression and suicidal ideation in young adulthood: Results from the National Longitudinal Study of Adolescent Health. *Depression and Anxiety*, 30, 955-964. PMID: 23592532
32. Slopen, N., McLaughlin, K.A., **Dunn, E.C.**, & Koenen, K.C. (2013). Childhood adversity and cell-mediated immunity in young adulthood: Does type and timing matter? *Brain, Behavior, and Immunity*, 28, 63-71. PMID: 23108062
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38. **Dunn, E.C.**, Uddin, M., Subramanian, S.V., Smoller, J.W., Galea, S., & Koenen, K.C. (2011). Gene environment (GxE) interaction research in youth depression: A systematic review with recommendations for future research. *Journal of Child Psychology and Psychiatry*, *52* (12), 1223-1238. PMCID: PMC3202044. PMID: 21954964
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41. **Dunn, E.C.**, Wewiorski, N.J., & Rogers, E.S. (2010). A qualitative investigation of individual and contextual factors associated with vocational recovery among people with serious mental illness. *American Journal of Orthopsychiatry*, *80* (2), 185-194. PMID: 20553512
42. McLaughlin, K.A., Kubzansky, L., **Dunn, E.C.**, Waldinger, R., Vaillant, G., & Koenen, K.C. (2010). Childhood social environment, emotional reactivity to stress, and mood and anxiety disorders across the life course. *Depression and Anxiety*, *27*, 1087-1094. PMID: 21132844
43. Tendulkar, S.A, Buka, S., **Dunn, E.C.**, Subramanian, S.V., & Koenen, K.C. (2010). A multi-level investigation of neighborhood effects on parental warmth. *Journal of Community Psychology*, *38* (5), 557-573.

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45. McCorkle, B.M., **Dunn, E.C.**, Wan, Y.M., & Gagne, C. (2009). Compeer Friends: A qualitative study of a volunteer friendship programme for people with serious mental illness. *International Journal of Social Psychiatry*, 55 (4), 291-305. PMID: 19553360

2008 and earlier

46. 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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49. Ellison, M.L., & **Dunn, E.C.** (2006). Empowering and demedicalized case management practices: Perspectives of mental health consumer leaders and professionals. *Journal of Social Work in Disability and Rehabilitation*, 5 (2), 1-17.
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BOOK CHAPTERS, MONOGRAPHS, and ENCYCLOPEDIA ENTRIES

1. **Dunn, E.C., Perlis, R.** (in progress). "Genetics of Major Depressive Disorder." *Major Depressive Disorder*, edited by McIntyre, R., Elsevier.
2. Nishimi, K., Howe, E., & **Dunn, E. C.** (in progress). Social Determinants of Psychiatric Illness. In Trinh, N. & Chen, J. (Eds.) *Sociocultural Psychiatry: A Casebook and Curriculum*. Boston, MA: Oxford University Press.
3. Wang, M.J., & **Dunn, E.C.** (expected: 2017). Epidemiology. In E. Braaten, eds. *SAGE Encyclopedia of Intellectual and Developmental Disorders*. New York, NY: Sage.

4. Wang, M.J., & **Dunn, E.C.** (expected: 2017). Environmental risk factors. In E. Braaten, eds. SAGE Encyclopedia of Intellectual and Developmental Disorders. New York, NY: Sage.
5. 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.
6. 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.
7. 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.
8. **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.
9. **Dunn, E.C.**, & Mannell, M. (2006). Alcohol treatment and college students: Growing trend, emerging response. *Prevention File*, 3-6.
10. 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

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### SYMPOSIUM ORGANIZER

1. **Innovations in the genetics and epigenetics of child psychopathology.** (2017, June 30). *International Society for Research in Child and Adolescent Psychopathology 18<sup>th</sup> 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.**, 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 18<sup>th</sup> Biennial Scientific Meeting*, Amsterdam, the Netherlands.

2. **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 18<sup>th</sup> Biennial Scientific Meeting*, Amsterdam, the Netherlands.
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, June 16). Timing of exposure to adversity explains more variability in DNA methylation in late childhood than recency or accumulation of exposure. Paper presented at *International Network for Research on Inequalities in Child Health (INRICH) Ninth Annual Workshop*, Ithaca, NY.
4. **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.
5. **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.
6. **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
7. **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.
8. **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.
9. **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.
10. **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.
11. 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.

12. 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.
13. **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.
14. **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.
15. **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.
16. **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.
17. **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.
18. **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.
19. **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.
20. **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.

21. **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.
22. **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.
23. **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.
24. 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.
25. **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.
26. **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.
27. **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.
28. **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*.
29. **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.
30. **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.
31. **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
32. **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
  33. 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.
  34. **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.
  35. 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.
  36. **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*.
  37. 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.
  38. **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 14<sup>th</sup> Annual *Maternal and Child Health Epidemiology (MCH EPI) Conference*, Atlanta, GA.
  39. **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.
  40. **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.
  41. 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.
  42. **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.

43. 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.
44. **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.
45. 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.
46. **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.

#### SEMINARS and LECTURES

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| April 2017    | Invited Talk, "Sensitive periods in development and risk for depression." Brain Health Initiative Inaugural Conference, Simches Research Center, Massachusetts General Hospital, Boston, MA.                                      |
| March 2017    | Invited Talk, "Sensitive periods in development and risk for depression." Women's Health Sciences Division, National Center for PTSD, VA Medical Center, Boston, MA.  |
| December 2016 | Invited Talk, "Sensitive periods in development and risk for depression." Grand Rounds, Department of Psychiatry, Maine Medical Center, Portland, ME.   |
| November 2016 | Guest Lecturer, "Social determinants of mental health." Sociocultural Lecture Series for Psychiatry Residents, Department of Psychiatry, Massachusetts General Hospital, Boston, MA.  |
| July 2016     | Guest Lecturer, "Social determinants of mental health." Sociocultural Lecture Series for Psychiatry Residents, Department of Psychiatry, Massachusetts General Hospital, Boston, MA.  |
| March 2016    | Invited Talk, "Sensitive periods in development and risk for depression." Department of Psychiatry PTSD Innovations Group, Massachusetts General Hospital, Boston, MA.  |
| February 2016 | Invited Talk, "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 Invited Talk, "Sensitive periods in development and risk for depression." Department of Epidemiology and Biostatistics Seminar Series, Erasmus Medical Center, Rotterdam, The Netherlands.
- November 2015 Invited Talk, "Cross-classified multilevel modeling and health outcomes." Department of Epidemiology, Boston University School of Public Health, Boston, MA.
- November 2015 Invited Talk, "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 Invited Talk, "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)
- September 2015 Guest Lecturer, "Social determinants of mental health." Sociocultural Lecture Series for Psychiatry Residents, Department of Psychiatry, Massachusetts General Hospital, Boston, MA.
- September 2015 Guest Lecturer, "Genetic and environmental determinants of depression." Maternal and Child Health Seminar Series. Harvard T.H. Chan School of Public Health, Boston, MA.
- March 2015 Invited Talk, "Gene-environment interaction in depression across the lifecourse: Challenges and opportunities." Division of Behavioral Genetics seminar series, Rhode Island Hospital, Providence, RI.
- January 2015 Guest Lecturer, "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
- September 2014 Invited Talk, "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 Invited Talk, "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 Invited Talk, "Gene-environment interaction in depression across the lifecourse." Center for Depression, Anxiety, and Stress Research, McLean Hospital, Belmont, MA.
- May 2014 Invited Talk, "A multidisciplinary approach for identifying the determinants of mental disorders and reducing mental health disparities." Drexel University School of Public Health, Philadelphia, PA.

- April 2014 Guest Lecturer, "The distribution and determinants of depression in adolescents." Graduate course on Adolescent Health, Boston University School of Public Health, Boston, MA.
- April 2014 Guest Lecturer, "Gender differences in depression." Undergraduate course on Women, Gender and Health, Tufts University, Somerville, MA.
- January 2014 Invited Talk, "Gene-environment interaction in depression across the lifecourse." Department of Mental Health seminar series, Johns Hopkins School of Public Health, Baltimore, MD.
- December 2013 Invited Talk, "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 Invited Talk, "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.
- October 2013 Invited Talk, "Gene-environment interaction in depression among children and adolescents." Student Seminar Series, Harvard Center on the Developing Child, Harvard University, Cambridge, MA.
- September 2013 Guest Lecturer, "Gene-environment interactions in depression: Public health implications." Graduate school seminar on Analysis of Public Health Issues, Regis College, Weston, MA.
- May 2013 Guest Lecturer, "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 Guest Lecturer, "Gender differences in depression." Undergraduate course on Women, Gender and Health, Tufts University, Somerville, MA.
- November 2012 Guest Lecturer, "Gene-environment interactions in depression: Public health implications." Graduate school seminar on Analysis of Public Health Issues, Regis College, Weston, MA.
- September 2012 Invited Talk, "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 Invited Talk, "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 Invited Talk, “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.
- January 2012 Guest Lecturer, “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.

## 10. 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.

## 11. TEACHING EXPERIENCE

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### 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

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#### PHD THESES TRAINEES

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

\*Doctoral Committee Member

#### 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

## DOCTORAL STUDENTS

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

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

## POST-DOCTORAL RESEARCH FELLOWS

Sandro Marini, MD (2016 - present)

Awards: Semi-finalist 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

## MASTERS STUDENTS

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

Jenny Tse (May 2015 – present)  
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 – present)  
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

#### RESEARCH ASSISTANTS

Bridget Chak (June 2015 – December 2015)  
Katherine Crawford (February 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 – 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)

#### 13. OTHER PROFESSIONAL TRAINING

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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. AD HOC REVIEWER

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##### Journals

Acta Psychiatrica Scandinavica  
 American Journal of Medical Genetics Part B: Neuropsychiatric Genetics  
 American Journal of Psychiatry  
 Annals of Epidemiology  
 Archives of Disease in Childhood  
 Biological Psychiatry  
 Biology of Mood and Anxiety Disorders  
 Brain and Behavior  
 British Journal of Psychiatry  
 Child Abuse and Neglect  
 Child Maltreatment  
 Depression and Anxiety  
 Drug and Alcohol Dependence  
 European Psychiatry  
 Harvard Review of Psychiatry  
 International Journal of Geriatric Psychiatry  
 JAMA Pediatrics  
 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 Psychiatry  
 Journal of Psychiatric Research  
 Journal of Research on Adolescence  
 Journal of Nervous and Mental Disease  
 Molecular Psychiatry  
 Pediatrics  
 Plos One  
 Prevention Science  
 Psychological Medicine  
 Psychoneuroendocrinology  
 Sleep Health

Social Science and Medicine  
Social Psychiatry and Psychiatric Epidemiology  
Stress and Health  
Suicide and Life Threatening Behavior  
World Journal of Biological Psychiatry

#### Scientific Programs

International Epidemiological Association (IEA)

#### Grants

United States-Israel Binational Science Foundation

The Netherlands Organisation for Health Research and Development (ZonMw)

#### 15. PROFESSIONAL LICENSES

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- 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)

#### 16. 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

#### 17. PROFESSIONAL ACTIVITIES

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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 Symposium Organizer, “Genetic Determinants of Depression: A Summary of Recent Findings and Future Directions”, Anxiety and Depression Association of America Annual Conference, Philadelphia, PA
- 2016 Community Building Committee, Center for Genomic Medicine

## 18. MEMBERSHIPS

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