

CURRICULUM VITAE

Natalie Slopen

Assistant Professor
Department of Epidemiology and Biostatistics
School of Public Health
University of Maryland, College Park
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College Park, MD 20742
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CURRENT APPOINTMENTS

- 2014- Assistant Professor, Department of Epidemiology and Biostatistics, School of Public Health, University of Maryland
2014- Faculty Associate, Maryland Population Research Center

EDUCATION

- 2010 Harvard T. H. Chan School of Public Health
ScD Social Epidemiology
2003 University of Chicago
MA Social Sciences
2002 University of Toronto,
BS Psychology, Honors with Highest Distinction

EMPLOYMENT HISTORY

- 2013 – 2014 Assistant Professor, Division of Cardiology
Howard University, College of Medicine, Washington, DC
2010 – 2013 Postdoctoral research fellow, Center on the Developing Child
Harvard University, Cambridge, MA
2009 – 2010 Research Assistant, Department of Cardiology
Brigham and Women's Hospital, Boston, MA
2005 – 2010 Research Assistant, Department of Society, Human Development, and Health
Harvard T. H. Chan School of Public Health, Boston, MA
2003 – 2005 Assistant Director of Research, Center for Psychiatric Rehabilitation
University of Chicago/Northwestern University, Chicago, MA

HONORS AND AWARDS

- 2016 Honoree, Campus Wide Research and Scholarship Celebration, University of Maryland
- 2007 – 2010 Canadian Institutes of Health Research Doctoral Research Award
- 2005 – 2010 Horace W. Smith Goldsmith Fellowship, Harvard T. H. Chan School of Public Health
- 2002 – 2003 University of Chicago, University Unendowed Scholarship

RESEARCH ACTIVITIES

Peer Reviewed Publications (* denotes corresponding author)

McLaughlin, K. A., Basu, A., Walsh, K., Slopen, N., Sumner, J. A., Koenen, K. C., & Keyes, K. M. Childhood Exposure to Violence and Chronic Physical Conditions in a National Sample of US Adolescents. *Psychosomatic Medicine*, (2016), in press.

Wang, Y., Raffeld, M. R., Slopen, N., Hale, L., & Dunn, E. C., “Childhood adversity and insomnia in adolescence”, *Sleep Medicine*, (2016), 21:12-18.

Street, N. W., McCormick, M. C., Austin, S. B., Slopen, N., Habre, R., & Molnar, B. E. “Sleep duration and risk of physical aggression against peers in urban youth.” *Sleep Health*, (2016), 2(2), 129-135.

*Slopen, N., Shonkoff, J. P., Albert, M. A., Yoshikawa, H., Jacobs, A., Stoltz, R., & Williams, D. R., “Racial Disparities in Child Adversity in the U.S.: Interactions with Family Immigration History and Income”, *American Journal of Preventive Medicine*, (2016), 50(1):47-56.

*Slopen, N., Chen, Y., Priest, N., Albert, M. A., Williams, D. R., “Emotional and instrumental support during childhood and biological dysregulation in midlife”, *Preventive Medicine*, (2016), 84, 90-96.

*Slopen, N., Lewis, T. T., Williams, D. R., “Discrimination and sleep: A systematic review”, *Sleep Medicine*, (2015), 37(1): 147–156.

*Slopen, N., Loucks, E., Appleton, A., Kawachi, I., Kubzansky, L., Non, A., Buka, S., Gilman, S. E., "Early origins of inflammation: an examination of prenatal and childhood social adversity in a prospective cohort study", *Psychoneuroendocrinology*, (2015), 51, 403-413

Roberts, A., Chen, Y., Slopen, N., McLaughlin, K., Koenen, K., Austin, S. B. Women’s experience of abuse in childhood and depressive symptoms in her adolescent and adult offspring", *Depression & Anxiety*, (2015), 32(10), 709-719..

Bailey, Z. D., Slopen, N., Albert, M. A., Williams, D. R. "Multidimensional religious involvement and tobacco smoking patterns over 9-10 years: A prospective study of middle-aged adults in the United States", *Social Science & Medicine*, (2015), 138,128-135.

Hatzenbuehler, M. L., Slopen, N., McLaughlin, K. A., "Stressful life events, sexual orientation, and cardiometabolic risk among young adults in the United States", *Health Psychology*, (2014), 33(10), 1185-1194.

*Slopen, N., Non, A., Williams, D. R., Roberts, A. L., Albert, M. A., "Childhood adversity, adult neighborhood context, and cumulative biological risk for chronic diseases in adulthood", *Psychosomatic Medicine*, (2014), 76(7), 481-489.

*Slopen, N., Williams, D. R., "Discrimination, other psychosocial stressors, and sleep duration and difficulties", *Sleep*, (2014), 37(1): 147-56.

*Slopen, N., Koenen, K. C., Kubzansky, L. D., "Cumulative adversity in childhood and the emergence of risk factors for long-term health: A prospective study of timing and chronicity", *Journal of Pediatrics*, (2014), 164(3): 631-8.

Linos, N., Slopen, N., Subramanian, S.V., Berkman, L., Kawachi, I., "Predictors of help-seeking behavior among women exposed to violence in Nigeria: A multilevel analysis to evaluate the impact of contextual and individual factors", *Journal of Epidemiology and Community Health*, (2013), 68: 211-7.

*Slopen, N., McLaughlin, K. A., Shonkoff, J. P., "Interventions to improve cortisol regulation in children: A systematic review", *Pediatrics*, (2013), 133(2): 312-26.

Virtanen, M., Nyberg, S. T., Batty, G. D. ... Slopen, N., ... et al., "Job insecurity as a risk factor for incident coronary heart disease: systematic review and meta-analysis", *BMJ*, (2013), 347: f4746.

*Slopen, N., Kubzansky, L. D., Koenen, K. C., "Internalizing and externalizing symptoms predict elevated inflammatory markers in childhood", *Psychoneuroendocrinology*, (2013), 38(12): 2854-62.

*Slopen, N., Kontos, E. Z., Ryff, C. D., Ayanian, J. Z., Albert, M. A., Williams, D. R., "Psychosocial stress and persistence of cigarette smoking: Results from a 9-10 year prospective study of middle-aged adults in the United States", *Cancer Causes and Control*, (2013), 24(10): 1849-63.

*Slopen, N., Goodman, E., Koenen, K. C., Kubzansky, L. D., "Neglected pathways between socioeconomic and social stressors in childhood and cardiometabolic risk: A systematic review", *Plos One*, (2013), 8(7): e64418.

Dunn, E. C., McLaughlin, K. A., Slopen, N., Rosand, J., Smoller, J. W., "Developmental timing of child maltreatment and symptoms of depression and suicidal ideation in young adulthood: Results from the National Longitudinal Study on Adolescent Health", *Depression & Anxiety*, (2013), 30(10): 955-64.

Hatzenbuehler, M. L., McLaughlin, K. A., Slopen, N., "Sexual orientation disparities and biomarkers of cardiovascular risk among young adults in the United States", *American Journal of Preventive Medicine*, (2013), 44(6), 612-621.

Roberts, A. L., Rosario, M., Slopen, N., Calzo, J. P., Austin, S. B., "Childhood gender non-conformity, bullying victimization, and depressive symptoms across adolescence and early adulthood: an 11-year longitudinal study", *Journal of the American Academy of Child and Adolescent Psychiatry*, (2013), 52(2): 143-152.

Linos, N., Slopen, N., Subramanian, S.V., Berkman, L., Kawachi, I., "Recognizing the community's role in spousal violence: A population-based multilevel study of Nigerian women", *American Journal of Public Health*, (2013), 103(1): 148-155.

*Slopen, N., McLaughlin, K. A., Dunn, E. C., Koenen, K. C., "Childhood adversity and cell-mediated immunity in young adulthood: Does type and timing matter?", *Brain, Behavior, and Immunity*, (2012), 28: 63-71.

*Slopen, N., Kubzansky, L. D., McLaughlin, K. A., Koenen, K. C., "Childhood Adversity and Inflammatory Processes in Youth: A Prospective Study", *Psychoneuroendocrinology*, (2012), 38(2): 188-200.

*Slopen, N., Glynn, R., Buring, J., Lewis, T.T., Williams, D. R., Albert, M. A., "Job strain, job insecurity, and incident cardiovascular disease in the Women's Health Study: Results from a 10-year prospective study", *PLoS ONE*, (2012), 7(7): e40512.

*Slopen, N., McLaughlin, K. A., Fox, N. A., Zeanah, C. H., Nelson, C. A., "Alterations in neural processing of facial emotions and psychopathology in children exposed to institutional rearing", *Archives of General Psychiatry*, (2012), 69(10): 1022-1030.

*Slopen, N., Dutra, L., Williams, D. R., Mujahid, M., Lewis, T. T., Bennett, G. G., Ryff, C., Albert, M. A., "Psychosocial stress and cigarette smoking among African Americans in mid-life", *Nicotine & Tobacco Research*, (2012), 14(10): 1161-1170.

*Slopen, N., Fitzmaurice, G., Williams, D. R., Gilman, S. E., "Common patterns of violence experiences and depression and anxiety among adolescents", *Social Psychiatry & Psychiatric Epidemiology*, (2012), 47(10): 1591-1605.

Dunn, E. C., Gilman, S. E., Willett, J. B., Slopen, N., Molnar, B. E., "The impact of exposure to interpersonal violence on gender differences in adolescent-onset major depression", *Depression & Anxiety*, (2012), 29(5): 392-399.

*Slopen, N., Koenen, K. K., Kubzansky, L.D., "Childhood adversity and inflammatory and immune biomarkers associated with cardiovascular risk in youth: a systematic review", *Brain, Behavior, and Immunity*, (2011), 26: 239-250.

*Slopen, N., Williams, D. R., Fitzmaurice, G., Gilman, S. E., "Sex, stressful life events, and adult onset depression and alcohol dependence: are men and women equally vulnerable?", (2011), 73: 615-622.

Sternthal, M., Slopen, N., & Williams, D. R., "Racial disparities in health: How much does stress really matter?", *DuBois Review: Social Science Research on Race*, (2011), 8: 95-113.

Sorsdahl, K., Slopen, N., McGaffigan, K., Siefert, K., Stein, D. J., Seedat, S., Williams, D. R., "Household food insufficiency and mental health in South Africa", *Journal of Epidemiology and Community Health*, (2011), 65(5), 426-431.

*Slopen, N., Williams, D. R., Seedat, S., Moomal, H., Herman, A., Stein, D. J., "Adversities in childhood and adult psychopathology in the South Africa Stress and Health Study: Associations with first-onset DSM-IV disorders", *Social Science & Medicine*, (2010), 71(10), 1847-1854.

*Slopen, N., Lewis, T. T., Gruenewald, T. L., Mujahid, M. S., Ryff, C. A., Albert, M. A., Williams, D. R., "Early life adversity and inflammation in African Americans and Whites in the Midlife in the United States Survey", *Psychosomatic Medicine*, (2010), 72(7): 694-701.

*Slopen, N., Fitzmaurice, G., Williams, D. R., Gilman, S.E., "Poverty, food insecurity and the risk for childhood internalizing and externalizing disorders", *Journal of the American Academy of Child and Adolescent Psychiatry*, (2010), 49(5), 444-452.

Corrigan, P. W., Slopen, N., Gracia, G., Phelan, S., Keogh, C., Keck, L., "Some recovery processes in mutual-help groups for persons with mental illness; II: Qualitative analysis of participant interviews", *Community Mental Health Journal*, (2005), 41(6): 721-735.

Corrigan, P. W., Watson, A. C., Gracia, G., Slopen, N., Rasinski, K., & Hall, L.L., "Newspaper stories as proxies of structural stigma", *Psychiatric Services*, (2005), 56: 551-556.

Corrigan, P. W., Lurie, B. D., Goldman, H., Slopen, N., Medasani, K. & Phelan, S., "How Adolescents Perceive the Stigma of Mental Illness & Alcohol Abuse", *Psychiatric Services*, (2005), 56: 544-550.

Corrigan, P. W., Watson, A. C., Heyrman, M. L., Warpinski, A., Gracia, G., & Slopen, N., "State Legislation as Proxies of Structural Stigma", *Psychiatric Services*, (2005), 56: 557-563.

Chapters

Slopen, N., Meyers, C., Williams, D. R. Cumulative stress and health, *Oxford Handbook of Integrative Health Science*, Ryff C. D., Krueger, R. F. (Ed.), In press, Oxford University Press.

Slopen, N., Williams, D. R., "Improving the health of young men and boys of color", *Changing Places: How Communities will Improve the Health of Boys of Color*, Edley, C., de Velasco, J. R. (Ed.) 2010, University of California Press.

Other Contributions

Slopen, N. & McLaughlin, K. A., "Associations of early exposure to intimate partner violence and parental depression with subsequent mental health outcomes", *JAMA Pediatrics*, (2013), Commentary on, 2013, Apr 1;167(4):341-7. *Evidence Based Mental Health*, 2013, 16(4): 102.

Slopen, N., & Corrigan, P. W., "Recovery in schizophrenia: Reality or mere slogan", *Current Psychiatry Reports*, 2005, 7:316-320.

SPONSORED RESEARCH

2R01MH091363-05 Nelson (PI) 09/01/2015-NCE

National Institute of Mental Health

Total Amount: \$126,087

Effects of Early Psychosocial Deprivation on Mental Health in Adolescence, Administrative Supplement

The main goal of the Supplement is to examine the effects of a foster care intervention on inflammatory, immune, and metabolic processes among adolescents who spent their early years of life in institutional care.

Role: Co-investigator (scientific lead of supplement)

ADVANCE Seed Grant Mittal (Co-PI) 04/01/2015-3/31/2016

University of Maryland, College Park

Total Award: \$20,000

Maternal Intimate Partner Violence Victimization and Immune Activation in Women and Children in Tanzania.

The goal of this project is to examine the association between maternal intimate partner violence and inflammation in mothers and children using data from the 2010 Tanzania Demographic and Health Survey.

Role: Co-PI

ADVANCE Seed Grant Jones Harden (PI) 04/01/2015-3/31/2016

University of Maryland, College Park

Total Award: \$20,000

Biological and Behavioral Sequelae of Stress During the Perinatal Period

The goal of this project is to examine the association between pre- and post-natal stress, cortisol response profiles and telomere length 6 months post-partum in a cohort of low-income African American mothers and infants.

Role: Co-I

5R01AG038492-02 Albert (PI) 01/09/2011-06/31/2016

National Institute of Aging

Total Award Amount: \$3,732,911

Cumulative stress and CVD risk in middle-aged and older women

The goal of this study is examine cumulative stress and CVD risk in middle age and older women.

Role: Co-investigator

W. K. Kellogg Foundation Williams (PI) 02/01/2014-01/31/2016

Total Amount: \$755,171

Building Community Partnerships to Address the Roots of Racial and Ethnic Disparities in Health

The goal of this funding is to build community partnerships to address the roots of racial and ethnic disparities in health, and to conduct secondary data analyses to develop a deeper understanding of the biological impacts of adversities in childhood that diminish opportunities for healthy development.

Role: Co-investigator

W. K. Kellogg Foundation Williams (PI) 02/01/2013-01/31/2014

Building Community Partnerships to Address the Roots of Racial and Ethnic Disparities in Health

Total Amount: \$200,000

The goal of this funding is to build community partnerships to address the roots of racial and ethnic disparities in health, and to conduct secondary data analyses to develop a deeper understanding of the biological impacts of adversities in childhood that diminish opportunities for healthy development.

Role: Co-investigator

Harvard Center for Population and Development Studies Slopen (PI) 08/01/2012-08/01/2013

Robert Wood Johnson Foundation

Total Amount: \$10,000

Family Context, Community Violence and the Biology of Disadvantage

The goal of this study was to examine the interaction between family context, community violence, and biological indicators of disadvantage.

Role: PI

Doctoral Research Award Slopen (PI) 01/01/08-12/31/10

Canadian Institutes of Health Research

Total Amount: \$81,000

An exploration of social and environmental determinants of gender differences in the development and persistence of depression

The goal of this research was to examine social factors involved in the development of major depressive disorder and excess risk for disorder among females.

Role: PI

PRESENTATIONS

Invited Presentations

2016, Department of Environmental and Occupational Health Seminar Series, Milken School of Public Health, George Washington University, Washington DC

2016, Center for the Study of Adversity and Cardiovascular Diseases Inaugural Conference, University of California, San Francisco, San Francisco, CA

2015, Early Childhood Learning and Innovations Network for Communities, Center for the Study of Social Policy, Washington, DC

2015, Developmental Science Colloquium, Annual Conference, University of Maryland, College Park, College Park, MD

2014, Maryland Applied Institute of Environmental Health Seminar, University of Maryland, College Park, College Park, MD

2014, Applied Developmental Psychology Seminar, George Mason University, Fairfax, VA

2014, Harvard Center on the Developing Child Community Advisory Group Meeting, Washington, DC

2011, Annual meeting of the International Society on Hypertension in Blacks, Boston, MA

2011, Improving the Health of Young Men and Boys of Color Symposium, organized by The Chief Justice Earl Warren Institute on Race, University of California, Berkeley, Los Angeles, CA

Refereed Presentations

2015, Slopen, N., Chen, Y., Priest, N., Albert, M. A., Williams, D. R., Emotional and instrumental support during childhood and biological dysregulation in midlife, Annual Meeting of the Society for Prevention Research

2015, Slopen, N., Williams, D. R., Rifas-Shiman, S. L., Gillman, M. W., Taveras, E. M., Early life origins of health inequities: Associations of household income from gestation to mid-

childhood with childhood cardiometabolic risk biomarkers, Annual meeting of the Pediatric Academic Society

2014, Slopen, N., Loucks, E., Appleton, A., Kawachi, I., Kubzansky, L., Non, A., Buka, S., Gilman, S. E., Early origins of inflammation: an examination of prenatal and childhood social adversity in a prospective cohort study, Annual meeting of the Endocrine Society: Prenatal Programming and Toxicology

2013, Slopen, N., McLaughlin, K. A., Dunn, E. C., Koenen, K. C., Childhood adversity and immune processes in children and young adult: the role of timing, Annual meeting of the Society for Research on Child Development

2012, Slopen, N., Williams, D. R., Discrimination, other psychosocial stressors, and sleep duration and difficulties, Summit on the Science of Eliminating Health Disparities

2012, Slopen, N., Kubzansky, L. D., Koenen, K. C., Childhood adversity and inflammatory processes in youth: a prospective study, Annual meeting of the International Society of Psychoneuroendocrinology

2010, Slopen, N., Glynn, R., Buring, J., Lewis, T.T., Williams, D. R., Albert, M. A., Job strain, job insecurity, and incident cardiovascular disease in the Women's Health Study: Results from a 10-year prospective study. Job strain, job insecurity, and incident cardiovascular disease in the Women's Health Study: Results from a 10-year prospective study, Annual meeting of the American Heart Association

2010, Slopen, N., Williams, D. R., Seedat, S., Moomal, H., Herman, A., Stein, D. J., Adversities in childhood and adult psychopathology in the South Africa Stress and Health Study: Associations with first-onset DSM-IV disorders, Annual meeting of the American Public Health Association

2009, Slopen, N., Lewis, T. T., Gruenewald, T. L., Mujahid, M. S., Ryff, C. A., Albert, M. A., Williams, D. R., Early life Adversity and Inflammation in African Americans and Whites in the Midlife in the United States Survey, Annual meeting of the American Psychosomatic Society

Refereed Posters

2014, Slopen, N, Albert, M. A., Jacobs, A., Williams, D. R., Racial disparities in adverse child and family experiences in the United States: Interactions with Family Immigration History and Income, Minority Health and Health Disparities Grantees' Annual Conference

2011, Slopen, N., Williams, D. R., Fitzmaurice, G., Gilman, S.E., Sex, stressful life events, and adult onset depression and alcohol dependence: are men and women equally vulnerable?, Annual meeting of the Society for Epidemiologic Research

2011, Slopen, N., Fitzmaurice, G., Williams, D. R., Gilman, S.E., Common patterns of violence experiences and depression and anxiety among adolescents, Annual meeting of the American PsychoPathological Association

2009, Slopen, N., Williams, D. R., Fitzmaurice, G., Gilman, S.E., Poverty, Food Insecurity, and the Risk for Childhood Internalizing and Externalizing Disorders, Annual meeting of the Society for Epidemiologic Research

TEACHING ACTIVITIES

As instructor:

University of Maryland, School of Public Health

Fall 2016 EPIB301 Epidemiology for Public Health Practice

EPIB622 Social Epidemiology

Spring 2016 EPIB301 Epidemiology for Public Health Practice

As teaching assistant:

Harvard University

2008 – 2009 Race, Poverty, and Health, Harvard University, Department of African and African American Studies

Harvard T. H. Chan School of Public Health

2008 – 2009 Research Methods for Social and Behavioral Health, Department of Society, Human Development, and Health

2008 Social Epidemiology, Department of Society, Human Development, and Health

2007 Society and Health, Department of Society, Human Development, and Health

As a guest lecturer:

University of Maryland

Fall 2014 EPIB627 Epidemiologic Methods for Primary Research

Fall 2015 EPIB301 Epidemiology for Public Health Practice

University of Maryland, School of Medicine

Fall 2016 PREV780 Molecular Epidemiology

American University, Department of Nutrition

Spring 2015 Public Health Nutrition

Harvard T. H. Chan School of Public Health

Spring 2012 ID 283 Epidemiologic Investigations of Social and Environmental Risks for
Psychiatric Disorders

ADVISING

<u>Student</u>	<u>Status</u>	<u>Role</u>
Allison Hanley	Doctoral	Ongoing Advisor
Andrew Williams	Doctoral	Ongoing Committee Member
Shakira Washington	Doctoral	Ongoing Committee Member
Allison Schroeder	Doctoral	Ongoing Committee Member
Mary Jung	Doctoral	Ongoing Committee Member
Amelia Jamison	Masters	Primary Advisor, graduated Spring 2016
Celena Meyer	Masters	Ongoing Advisor
Christina Czabaranek	Masters	Ongoing Advisor
Nataly Johnson	Masters	Ongoing Advisor
Fisayo Adetunji	Masters	Ongoing Advisor
Hailey Marr	Masters	Ongoing Advisor
June Zhang	Masters	Ongoing Advisor
Diane Ng	Masters	Thesis Committee Member, graduated Spring 2015
Ashley Woodall	Masters	Thesis Committee Member, graduated Spring 2015

CAMPUS SERVICE

<u>Date</u>	<u>Role</u>	<u>Committee</u>
2014 – Ongoing	Member	EPIB Graduate Doctoral Admissions Committee
2014 – Ongoing	Member	EPIB Graduate MPH Admissions Committee
2016 - Ongoing	Member	EPIB Doctoral Exam Committee
2016 – Ongoing	Member	CIC Health Equity Initiative
2015 – Ongoing	Member	Public Health Science (PHSC) Steering Committee

REVIEWING ACTIVITIES**Editorial Boards**

2014 - Ongoing, Journal of Youth and Adolescence

Ad Hoc Referee

Plos One, JAMA Pediatrics, Psychoneuroendocrinology, International Journal of Epidemiology, Maternal and Child Health Journal, Psychosomatic Medicine, Social Science & Medicine, Developmental Psychobiology, Sleep Health, Neuropsychopharmacology