

CURRICULUM VITAE

JOANNA (“ASIA”) MASELKO, ScD

Department of Epidemiology
University of North Carolina
Chapel Hill NC 27599

Email: jmaselko@unc.edu
Website: jmaselko.com, bachpanstudy.com

EDUCATION

ScD Harvard School of Public Health, Social Epidemiology, 2004
SM Harvard School of Public Health, Health and Social Behavior, 2000
BS University of Alaska Anchorage, Biological Sciences, 1996

PROFESSIONAL EXPERIENCE

2016-current Associate Professor
Department of Epidemiology, Gillings School of Global Health, University of
North Carolina, Chapel Hill

2017-current Carolina Population Center, Fellow
University of North Carolina, Chapel Hill

2016-2022 Adjunct Associate Professor
Duke Global Health Institute, Duke University

2009-2016 Assistant Professor
Department of Psychiatry and Behavioral Sciences; Duke Global Health Institute,
Duke University

2014 Consultant
Human Development Research Foundation
Islamabad, Pakistan

2009 Associate Director of Research
Center for Spirituality, Theology and Health, Duke University

2006-2009 Assistant Professor
Department of Public Health, Temple University

2004-2006 NIMH Fellow in Psychiatric Epidemiology
Department of Epidemiology, Harvard School of Public Health

2002-2006 Consultant
John Snow Inc./Academy for Educational Development,
Empowerment of Women Research Program, Boston MA

2000-2001 Consultant
World Bank, Human Development Division for Europe and Central Asia
Washington DC

HONORS

2015 Duke Global Health Institute, Global Mental Health Initiative pilot grant
2013 Duke Initiative on Education and Human Development pilot grant
2010 Duke Global Health Institute Travel Grant
2011 NIMH Early Investigator International Travel Award
2005-2011 NIH National Center on Minority Health and Health Disparities Scholar
2022 Doctoral Exam, high honors, Harvard School of Public Health
1999-03 Harvard University Tuition Award
1999 Kosciuszko Foundation Scholarship

MEMBERSHIPS

Society for Epidemiological Research (SER)
International Epidemiological Association (IEA)
Population Association of America (PAA)
Interdisciplinary Association for Population Sciences (IAPHS)

BIBLIOGRAPHY

Chapters in books:

1. **Maselko J.** Cultural Influences on socioemotional neurodevelopment: Searching for clues to common mental disorders. In: Oxford University Press Handbook of Cultural Neuroscience. Cultural Neuroscience and Health Volumes I and II. Chiao JY., Shu-Chen L., Seligman R., Turner R. (Ed) 2015
2. Baker-Henningham, H., Fitzsimons, E., **Maselko, J.**, Vera-Hernandez, M. Nutrition, Health Care and Loving Home: Early Childhood Investments for the Development of Human Capital. In: TICAD Report on African Youth Employment: Challenges, Policies and Projects. 2013
3. **Maselko J.** The neurophysiology of religious experience. In: APA Handbook of Psychology, Religion and Spirituality. Pargament, K. I., Exline, J., Jones, J., Mahoney, A., & Shafranske, E. (Ed). 2012
4. Hausman A., **Maselko J.**, Brawer R. Social Capital and Public Health Practice. In: Social Capital. Gregory Tripp, Michael Payne and Dimitrus Diodorus (eds). Nova Publishers 2009

Peer reviewed articles:

(*denotes senior authorship, ^denotes 1st author for primary mentee):

1. Ren Y., **Maselko J.**, Tan X., Olshan AF., Stover AM., Bennett A., Reeder-Hayes KE., Edwards JK., Reeve BB., Troester MA., Emerson MA., Emotional and Functional Well-being in Long-term Breast Cancer Survivorship. *Cancer Causes & Control*. 2024. s10552-024-01877-1 doi.org/10.1007/s10552-024-01877-1

2. *Frost A., Hagaman A., Bibi A., Bhalotra S., Chung EO., Haight SH., Sikander S., **Maselko J.** Childhood Parental Bonding and Depression in Adulthood: A Study of Mothers in Rural Pakistan. (accepted) *Journal of Affective Disorders*.
3. Bhalotra S., Delavande A., Font-Gilabert P., **Maselko J.** Maternal Investments in Children: The Role of Expected Effort and Returns. (accepted) *Economic Journal*.
4. ^*Haight SC., Raw JR., Martin CL., Sheffield-Abdullah K., Verbiest S., Pence BW., **Maselko J.** Racial and Ethnic Inequities in Postpartum Depressive Symptoms, Diagnosis, and Care in 7 US Jurisdictions. *Health Affairs*. 2024. 43 (4):486-495. doi: 10.1377/hlthaff.2023.01434
5. Duffy EW., Ng SW., Bercholz M., Davis CR., De Marco M., Hall MG., **Maselko J.**, Taillie LS. Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) Participant Grocery Store Purchases During the COVID-19 Pandemic in North Carolina. *Current Developments in Nutrition*. 2024. Feb 8;8(3):102098. doi: 10.1016/j.cdnut.2024.102098. eCollection 2024 Mar.
6. Martinez RAM., Howard AG., Fernández-Rhodes L., **Maselko J.**, Pence BW. Does Biological Age Mediate the Relationship Between Childhood Adversity and Depression? Insights from the Detroit Neighborhood Health Study. *Social Science & Medicine*. 2024. Jan:340:116440. doi: 10.1016/j.socscimed.2023.116440.
7. Sevim D., Baranov V., **Maselko J.**, Biroli P. Trajectories of Early Childhood Skill Development and Maternal Mental Health. *Journal of Human Resources*. 2024. 59 (7), S365-S40.1 doi: 10.3368/jhr.1222-12693R3.
8. *Hagaman AK., Bates LM., Chung E., LeMasters K., Rahman A., Saqib K., Sikander S., **Maselko J.** Suicide Ideation Within and Outside the Perinatal Period: An Exploration of Interpersonal Factors from a Maternal Cohort in Rural Pakistan to Improve Intervention Targeting. *Archives of Suicide Research*. 2024. 28 (1). doi:10.1080/1381118.2022.2154727
9. ^*Chung EO., Schere, E., LeMasters K., Bates LM., Hagaman A., Staley BS., Zalla L., Sikander S., **Maselko J.** Maternal Adverse Childhood Experiences on Child Growth and Development in Rural Pakistan. *PLOS Global Health*. 2023;3(10):e0001669. doi: 10.1371/journal.pgph.0001669.
10. Filiatreau, LM., Edwards, JK., Masilela, N., Gomez-Olive, FX., Haberland, N., Pence BP., **Maselko, J.**, Muessig, KE., Kabudula, C., Dufour, MK, Lippman, S., Kahn, K., Pettifor, A. Understanding the effects of Universal Test and Treat on longitudinal HIV care continuum outcomes among South African youth: a retrospective cohort study. *BMC Public Health*. 2023 1724. Published online Sept 5, 2023. DOI: 10.1186/s12889-023-16353-9
11. Haight, SC., **Maselko, J.**, Ghastine, L., Hoyo, C., Martin, CL. Residential Segregation and Prenatal Depression in a Non-Hispanic Black and Hispanic cohort in North Carolina. *Annals of Epidemiology*. 2023. Jul;83:15-22. doi.org/10.1016/j.annepidem.2023.04.01

12. *[^]Hale, K., Zalla, LZ., Rasan, T., Scherer EM., Østbye T., Coonghe, PAD., Surenthirakumaran, R., **Maselko, J.** Grandparenting activities and mental health in Northern Sri Lanka. *Journal of Intergenerational Relationships*. 2023. 21(2) 194-214. DOI 10.1080/15350770.2021.1991869
13. [^]*Frost, AF., Hagaman, A., Baranov, V., Chung, E., Bhalotra, S., Sikander, S., **Maselko, J.** Non-linear associations between HPA axis activity during infancy and mental health difficulties during early childhood among children in rural Pakistan. *Development and Psychopathology*. 2023. P.1-10. doi:10.1017/S0954579422000773
14. Hofheimer, JA., McGrath, M., Musci, R., Wu, G., Polk, S., Blackwell, CK., Stroustrup, A., Annet, RD., Aschner, J. Carter, BS., Check, J., Conradt, E., Croen, LA., Dunlop, AL., Elliott, AJ., Law, A., Leve, LD., Neiderhiser, JM., O'Shea, TM., Salisbury, AL., Sathyanarayana, S., Sing, Ra., Smith, LM., Aguiar, A., Angal, J., Carliner, H., McEvoy, C., Ondersma, SJ., Lester, B., Smith, PB. Newby, LK., Jacobson, LP., Catellier, DJ., Gerson, RC., Cell, D., Teitelbaum, SL., Lampland, AL., Hudank, ML., Mayock, DE., Washburn, LK., Duarte, C., Canino, GJ., Ferrara, AM., Karr, CJ., Mason, A., Marsit, CJ., Pasyrnak, SL., Neal, C., Helderma, JB., Ganiban, JM., O'connor, TG., Simhan, H., Kerver, J., Barone, C., McKane, P., Paneth, N., Elliott, MR., Scantz, SL., Silver, RM., Wright, RJ., Bosquet-Enlow, M., **Maselko, J.** Assessment of Psychological and Neonatal Risk Factors for Trajectories of Behavioral Dysregulation Among Young Children from 18 to 72 Months of Age. *JAMA Network Open*. 2023 6 (4) e2310059-e2310059
15. [^]*Chung, EO., Hagaman, A., Bibi, A., Frost, A., Haight, Sarah C., Sikander, S., **Maselko, J.** Mother-in-law childcare and perinatal depression in rural Pakistan. *Women's Health* 2022; 18.. doi:10.1177/17455057221141288
16. [^]*Dohlman, C., Zalla, L., Chung, E., Ostbye, T., **Maselko, J.** Generativity and Engagement in Grandparenting Activities Among Older Adults in Northern Sri Lanka. *The International Journal of Aging and Human Development*. 2022. Dec 7. doi.org/10.1177/00914150221143
17. [^]*Haight, SC., Gallis, JA., Chung, EO., Baranov, V., Bibi, A., Frost, A., Hagaman, A., Sikander, S., ***Maselko, J.,*** Bates, LM. (shared senior authorship). Stressful life events, intimate partner violence, and perceived stress in the postpartum period: Longitudinal findings in rural Pakistan. *Social Psychiatry and Psychiatric Epidemiology*. 2022. September 1. doi.org/10.1007/s00127-022-02354-3
18. Stebbins, RC., **Maselko, J.**, Yang, YC., Plassman, BL., Edwards, JK., Aiello, A. Lifecourse Traumatic Events and Cognitive Aging in the Health and Retirement Study. *American Journal of Preventive Medicine*. 2022. doi.org/10.1016/j.amepre.2022.05.007
19. *Richardson, RA., Haight, SC., Hagaman, A., Sikander, S., ***Maselko, J.,*** Bates, LM. (shared senior authorship). Social support and intimate partner violence in rural Pakistan: a longitudinal investigation of the bi-directional relationship. *Social Science & Medicine-Population Health*. 2022. July 20. 101173. doi.org/10.1016/j.ssmph.2022.101173
20. *O'Donnell, K., Gallis, JA., Turner ET., Hagaman, AK., Sikander, S., **Maselko, J.** The Day in the Life Interview: Assessing infant caregiving practice in rural Pakistan. 2022. June 03; 1-17 *Family Relations*. Doi.org/10.1111/fare.12706

21. *^Ikram, N., Frost, A., LeMasters, K., Hagaman, A., Baranov, V., Gallis, J., Sikander, S., Scherer, E., **Maselko, J.** Adverse Childhood Experiences and Implications of Perceived Stress, Anxiety, and Cortisol Among Women in Pakistan: A Cross-Sectional Study. *BMJ Open*. 2022. 12 (4) e052280.
22. *Baranov, V., Frost, A., Hagaman, AK., Simmons, J., Manzoor, S., Biroli, P., Bhalotra, S., Rahman, a., Sikander, S., **Maselko, J.** Effects of a maternal depression psychosocial intervention on hair derived biomarkers of HPA axis function in mothers and children in rural Pakistan. *Social Science and Medicine Mental Health*. 2022. December. (2) 100082. doi.org/10.1016/j.ssmmh.2022.100082
23. ^Garrison, A., **Maselko, J.**, Courtin, D., Zoumenou, R., Boivin MJ., Massougbody, A., Garcia, A., Alao, MJ., Cot, M., Maman, S., Bodeau-Livinec, F. The impact of maternal depression and parent-child interactions on risk of parasitic infections in childhood: a prospective cohort in Benin. *Maternal and Child Health Journal*. 2022. 26. 1049-1058. doi.org/10.1007/s10995-021-03317-x
24. *^Barrios, YV., **Maselko, J.**, Engle, S., Pence, B., Olshan, A., Meltzer-Brody, S., Dole, N., Thorp, JM. The relationship of cumulative psychosocial adversity with antepartum depression and anxiety. *Depression and Anxiety*. 2021. 38:1034-1-45. DOI doi.org/10.1002/da.23206
25. Stockton, M., Minnick, CE., Kulisewa, K., Mphonda, SM, Hosseinpour, MC, Gaynes, BN., **Maselko, J.**, Pettifor, AE., Go, V., Udedi, M., Pence, BW. A mixed-methods process evaluation: integrating depression treatment into HIV care in Malawi. *Global Health: Science and Practice*. 2021. August. Doi: 10.9745/GHSP-D-20-00607.
26. Frascino, NY., Edwards, JK., Herce, ME., **Maselko, J.**, Pettifor AE., Mbeye, N., Weir, SS., Pence, BW. Differences in access to HIV services and risky sexual behaviors among Malawian women at social venues who do and do not engage in sex work. *AIDS and Behavior*. 2021. 25: 2920-2928..
27. Sharif, M., Zaidi, A., Waqas, A., Malik, AA., Hagaman, A., **Maselko, J.**, LeMasters, K., Liaqat, R., Bilal, S., Bibi, T., Ahmad, I., Sikander, S., Rahman, A. Psychometric validation of the multidimensional scale of perceived social support during pregnancy in rural Pakistan. *Frontiers in Psychology*. 2021. e-p2202.
28. Harrington, BJ., Limarzi, L., Thom, A., Ruegsegger, L., Jumbe, AN., Maliwichi, M., Stockton, M., Akiba, C., Go, V., Pence, BW., **Maselko, J.**, Gaynes, BN., Miller, WC., Hosseinipour, MC. Locally contextualizing understandings of depression, the EPDS and PHQ-9 among a sample of postpartum women living with HIV in Malawi. *Journal of Affective Disorders*. 2021. 281, p.958-966.
29. *^Hagaman, A., LeMasters K., Zivich, PN., Sikander, S., Bates, LM., Bhalotra, S., Chung, E., Zaidi, A., **Maselko, J.** Longitudinal effects of perinatal social support on maternal depression: A marginal structural modelling approach. *Journal of Epidemiology and Community Health*. 2021. Mar 12:jech-2020-215836. doi: 10.1136/jech-2020-215836. Epub ahead of print. PMID: 33712512.
30. *^LeMasters, K., Bates, LM., Chung, EO., Gallis, JA., Hagaman, A., Scherer, E., Sikander, S., Staley, BS., Zalla, LC., Zivich, PN, **Maselko, J.** Adverse childhood experiences and

depression among women in rural Pakistan. *BMC Public Health*. 2021. 21:400 DOI 10.1186/s12889-021-10409-4

31. Lacko, A., **Maselko, J.**, Popkin, B., Ng, SW. Socioeconomic and racial/ethnic disparities in the nutritional quality of packaged food purchases in the US. 2008-2018. *Public Health Nutrition*. 2021. (eprint) PMID: 33500012 DOI: 10.1017/S1368980021000367
32. Stockton, MA., Gaynes, BA., Hosseinipour, MC., Pettifor AE., **Maselko, J.**, Mphonda, SM., Kulisewa, K., Udedi, M., Pence, BW. Association between depression and HIV care engagement outcomes among patients newly initiating ART in Lilongwe, Malawi. *AIDS and Behavior*. 2021. 25 (3) pp.826-835. DOI 10.1007/s10461-020-03041-7
33. ^{*}Chung, EO., Hagaman, AK., LeMasters, K., Andrabi, N., Baranov, V., Bates, L., Gallis, JA., O'Donnell, K., Sikander, S., Turner, EL., **Maselko, J.** The contribution of grandmother involvement to child growth and development: an observational study in rural Pakistan. *BMJ Global Health*. 2020. 5:e002181. doi:10.1136/bmjgh-2019-002181
34. ^{*}Hagaman, AK., Baranov, V., Chung, EO., LeMasters, K., Andrabi, N., Bates, LM., Rahman, A., Sikander, S., **Maselko, J.** Association of maternal depression and home adversities with infant hypothalamic-pituitary-adrenal (HPA) axis biomarkers in rural Pakistan. 2020. *Journal of Affective Disorders*. 276, 592-599
35. Maselko, J., Sikander, S., Turner, EL., Bates, LM., Ahmad, I., Atif, N., Baranov, V., Bhalotra, S., Bibi, A., Bibi, T., Bilal, S., Biroli, P., Chung, E., Gallis, JA., Hagaman, A., Jamil, A., LeMasters, K., O'Donnell, K., Scherer, E., Sharif, M., Waqas, A., Zaidi, A., Zulfiqar, S., and Rahman, A. Effectiveness of a peer-delivered, longer-duration psychosocial intervention on maternal depression and child development at 3 years of age: Results and lessons from a cluster randomized trial in Pakistan. *Lancet Psychiatry*. 2020 7:775-87
36. Stockton, MA., Pence, BW., Mbote, D., Oga, E., Kraemer, J., Kimani, J., Njuguna, S., **Maselko, J.**, Nyblade, L. Associations among experienced and internalized stigma, social support, and depression among male and female sex workers in Kenya. *International Journal of Public Health*. 2020 Jul;65(6):791-799. doi: 10.1007/s00038-020-01370-x
37. Stockton, MA., Udedi, M., Kulisewa, K., Hosseinipour, MC., Gaynes, BN., Mphonda, SM., **Maselko, J.**, Pettifor, AE., Verhey, R., Chibanda, D., Lapidus-Salaiz, I., Pence, BW. The impact of an integrated depression and HIV treatment program on mental health and HIV care outcomes among people newly initiating antiretroviral therapy in Malawi. *PLoS ONE*. 2020 15(5): e0231872. <https://doi.org/10.1371/journal.pone.0231872>
38. ^{*}LeMasters, K., Andrabi, N., Zalla, L., Hagaman, AK., Chung EO., Gallis, JA., Turner, EL., Sikander, S., **Maselko, J.** Maternal depression in rural Pakistan: The protective associations with cultural postpartum practices. *BMC Public Health*. 2020 20(68) <https://doi.org/10.1186/s12889-020-8176-0>
39. Baranov V., Bhalotra S., Biroli P., **Maselko J.** Maternal depression, women's empowerment, and parental investment: Evidence from a randomized controlled trial. *American Economic Review*. 2020 110(3) p.824-859
40. ^{*}Hagaman A., Gallis J., Bhalotra S., Turner E., Baranov V., **Maselko J.** Psychosocial determinants of sustained maternal functional impairment: Longitudinal findings from a

pregnancy-birth cohort study in rural Pakistan. *PLoS One*. 2019, 14(11) doi: 10.1371/journal.pone.0225163. eCollection 2019

41. Atif N., Bibi A., Nisar A., Zulfiqar S., Ahmad I., LeMasters K., Hagaman A., Sikander S., **Maselko J.**, Rahman A. Delivering maternal mental health through peer volunteers: A five-year report. *International Journal of Mental Health Systems*. 2019 13 (62) doi: 10.1186/s13033-019-0318-3. eCollection 2019
42. ^*Hale KL., Østbye T., Perera B., Bradley RH., **Maselko J.** A novel adaptation of the HOME Inventory for elders: The importance of the home environment across the lifecourse. *International Journal of Environmental Research and Public Health*. 2019 16, 2829 doi:10.3390/ijerph16162826
43. **Maselko J.**, Hagaman, AK., Bates, LM., Bhalotra, S., Biroli, P., Gallis, JA., O'Donnell, K., Sikander, S., Turner, EL., Rahman, A. Father involvement in the first year of life: Associations with maternal mental health and child development outcomes in rural Pakistan. *Social Science & Medicine*. 2019 237:112421 doi:10.1016/j.socscimed.2019.112421
44. Rahman A., Akhtar P., Hamdani SU., Atif N., Nazir H., Uddin I., Nisar, A., Huma, Z., **Maselko J.**, Sikander S., Zafar S. Using technology to scale-up training and supervision of community health workers in the psychosocial management of perinatal depression: a non-inferiority, randomized controlled trial. *Global Mental Health*. 2019 6, e8, p1-12. doi:10.1017/gmh.2019.7
45. *Sikander S., Ahmad I., Bates LM., Gallis J., Hagaman A., Turner EL., Zaidi A., **Maselko J.** Cohort Profile: Perinatal depression and child socio-emotional development: A pregnancy-birth cohort study in rural Pakistan. *BMJ Open*. 2019 9(5) doi: 10.1136/bmjopen-2018-025644
46. ^*Scherer E., Hagaman A., Chung E., Rahman A., O'Donnell K., **Maselko J.** The Relationship between responsive caregiving and child outcomes: Evidence from direct observations of mother-child dyads in Pakistan. *BMC Public Health*. 2019 Feb 28; 19(1): 252. doi: 10.1186/s12889-019-6571-1
47. Harrington BJ., Pence BW., John M., Melhado CG., Phulusa J., Mthiko B., Gaynes GN., **Maselko J.**, Miller WC., Hosseinipour MC., and on behalf of the S4 Study team. Prevalence and factors associated with antenatal depressive symptoms among women enrolled in Option B+ antenatal HIV care in Malawi, a cross-sectional analysis. *Journal of Mental Health*. 2019. April: 28(2): 198-205. doi: 10.1080/09638237.2018.1487542
48. Ward J., Albrecht S., Robinson W., Pence B., **Maselko J.**, Haan M., Aiello A. Neighborhood language isolation and depressive symptoms among US Latinos. *Annals of Epidemiology*. 2018. November: 28(11): 774-782. doi:10.1016/j.annepidem.2018.08.009
49. Harrington BJ., Pence BW., Maliwichi M., Jumbe AN., Gondwe NA., Wallie SD., Gaynes BN., **Maselko J.**, Miller WC., Hosseinipour MC., and on behalf of the S4 Study team. Probable antenatal depression at antiretroviral initiation and postpartum viral suppression and engagement in Option B+. *AIDS*. 2018 Nov 28; 32(18): 2827-2833

50. Harrington BJ, Hosseinipour MC, Maliwichi M, Phulusa J, Jumbe A, Wallie S, Gaynes BN, **Maselko J**, Miller WC, Pence BW; S4 Study team. Prevalence and incidence of probable perinatal depression among women enrolled in Option B+ antenatal HIV care in Malawi. *Journal of Affective Disorders*. 2018 Oct 15;239:115-122. doi: 10.1016/j.jad.2018.06.001. Epub 2018 Jun 23. PMID: 29990658
51. Ward J., Robinson W., Pence B., **Maselko J.**, Albrecht S., Haan M., Aiello A. Educational mobility across generations and depressive symptoms over 10 years among US Latinos. *American Journal of Epidemiology*, 2018. Aug 1; 187(8): 1686-1695. doi: 10.1093/aje/kwy056
52. Gallis JA., **Maselko J.**, O'Donnell K., Song K., Saqib K., Turner EL., Sikander S. Criterion-related Validity and Reliability of the Urdu version of the Patient Health Questionnaire in community-based settings of Pakistan, *PeerJ*, 2018; Jul 17; 6:e5185. doi:10.7717/peerj.5185.
53. *Østbye T., Stankevitz K, Malhotra R., Ogundare O., Shah V., Pati S., **Maselko J.** Generativity among elderly in rural area of Maharashtra, India: Correlates and relationship with quality of life. *Asia Pacific Journal of Public Health*, 2018; 30 (3) 276-285 doi: 10.1177/1010539518772191
54. **Maselko J.**, Bates LM., Bhalotra S., Gallis J., O'Donnell K., Sikander S., Turner E. Socioeconomic status indicators and common mental disorders: Evidence from a study of prenatal depression in Pakistan. *SSM - Population Health*, 2018; 4; 1-9
55. **Maselko J.** Social epidemiology and global mental health: Expanding the evidence from high-income to low- and middle-income countries. *Current Epidemiology Reports*, 2017; 4(2); 166-173 doi: 10.1007/s40471-017-0107-y
56. Ogundare O., Shah V., Salunke S., Malhotra R., Mann C., Pati S., Karmarkar A., Gandhi V., Shukla S., Stroo M., Jadhav S., Shah M., **Maselko J.**, Østbye T. Fifteen Dimensions of Health and their Association with Quality of Life among Elderly in Rural Villages in Maharashtra, India. *Indian Journal of Gerontology*, 2017; 31 (1); 1-19
57. Wu B., Xu H., Xu J., Song Y., Wang J., Wu M. Corazzini K., Østbye T., **Maselko J.**, McConnell E. Interventions for Dementia caregivers in Chinese populations: A systematic review. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, 2016; 12 (7): 983-984
58. *Turner E., Sikander S., Bangash O., Zaidi A., Bates L., Gallis J., ^Ganga N., O'Donnell K., Rahman A., **Maselko J.** The effectiveness of the peer delivered Thinking Healthy Plus (THPP+) Programme for maternal depression and child socio-emotional development in Pakistan: study protocol for a three-year cluster randomized trial. *Trials*, 2016; 17 (1): e442 doi: 10.1186/s13063-016-1530-y
59. Zafar S., Sikander S., Hamdani UH., Syed H., Atif N., Akhtar P., Nazir H., **Maselko J.**, Rahman A. The effectiveness of Technology-assisted Cascade Training and Supervision of community health workers in delivering the Thinking Healthy Program for perinatal depression in a post-conflict area of Pakistan- Protocol of a randomized controlled trial. *Trials*, 2016; 17:188 doi: 10.1186/s13063-016-1308-2

60. **Maselko J.**, Sikander S., Bangash O., Bhalotra S., Franz L., ^Ganga N., ^Guru Rajan D., O'Donnell K., Rahman A. Child mental health and maternal depression history in Pakistan. *Social Psychiatry and Psychiatric Epidemiology*, 2016; 51 (1): 49-62. doi: 10.1007/s00127-015-1143-x
61. *Perera B., Watt M., Østbye T., Rajapakse H., Ranabahu S., **Maselko J.** Ideals of and barriers to successful aging: A qualitative study of Sri Lankan older people. *Asian Journal of Gerontology and Geriatrics*, 2015; 10: 22-30
62. **Maselko J.**, Sikander S., Bhalotra S., Bangash O., ^Ganga N., Mukherjee S., Egger H., Franz L., Bibi A., Liaqat R., Kanwal M., Abbasi T., Noor M., Ameen N., Rahman A. Effect of an Early Perinatal Depression Intervention on Long-term Child Development Outcomes: follow-up of the Thinking Healthy Programme randomized controlled trial. *Lancet Psychiatry*, 2015; 2(7): 609-617. doi: 10.1016/S2215-0366(15)00109
63. Benjamin Neelon SE., Stoo M., Mayhew M., **Maselko J.**, Hoyo C. Correlation between maternal and infant cortisol varies by breastfeeding status. *Infant Behavior and Development*, 2015; 40: 252-258. doi: 10.1016/j.infbeh.2015.06.005
64. Sikander S., **Maselko J.**, Haq Z., Ahmad I., Hafeez A., Rahman A. Integrating cognitive-behavioral techniques in routine counseling to improve exclusive breastfeeding in a traditional, non-literate population in North-West Pakistan: a clustered-randomized trial. *Pediatrics*, 2015; 2014-1628; doi: 10.1542/peds.2014-1628.
65. **Maselko J.**, Sebranek M., Hodzic Mun M., Perera B., Ahs J., Østbye T. The Contribution of Generative Leisure Activities to Cognitive Function among Sri Lankan Elderly. *Journal of the American Geriatrics Society*, 2014; 62(9):1707-13. doi: 10.1111/jgs.12985.
66. Ukegbu U., **Maselko J.**, Malhotra R., Perera B., Østbye T. Correlates of hand grip strength and activities of daily living in elderly Sri Lankans. *Journal of the American Geriatrics Society*, 2014; 62(9):1800-1801. DOI: 10.1111/jgs.13000
67. ^Lombardo S., Perera B., Beaudry L., Grad J., **Maselko J.**, Østbye T. Use of and attitudes towards tobacco and alcohol among adults in southern Sri Lanka. *Southeast Asian Journal of Tropical Medicine and Public Health*, 2013; 44(5): 880-899.
68. *Watt MH., Perera B., Østbye T., Rajapakse H., Ranabahu S., **Maselko J.** Care-giving expectations and challenges among elders and their adult children in Southern Sri Lanka. *Ageing and Society*, Jan 2013; 1-21 doi:10.1017/So144686X12001365
69. Tomlinson M., Rahman A., Sanders D., **Maselko J.**, Rotheram-Borus MJ. Leveraging families' strengths, paraprofessionals, and bundled services to improve child outcomes. *Annals of the New York Academy of Sciences*, Oct 2013. doi: 10.1111/nyas.12269
70. **Maselko J.** and Meador K. RE: "Religious service attendance and major depression: A case of reverse-causality?" Reply. *American Journal of Epidemiology*, Feb 2012; 177(3): 276-277. doi: 10.1093/aje/kws418

71. Shin JH., Kyung Do Y., **Maselko J.**, Brouwer RJN., Song SW., Ostbye T. Predictors of and health services utilization related to depressive symptoms among elderly Koreans. *Social Science and Medicine*, July 2012; 75(1): 179-185
72. ^Hayward RD., **Maselko J.**, Meador KG. Recollections of childhood religious identity and behavior as a function of adult religiousness. *International Journal for the Psychology of Religion*, 2012; 22(1), 79-88. doi: 10.1080/10508619.2012.635064
73. **Maselko J.**, ^Hayward RD., Hanlon A., Buka SL., Meador K. Religious service attendance and major depression: A case of reverse-causality? *American Journal of Epidemiology*, Feb 2012; 175(6): 576-583
74. **Maselko J.**, Kubzansky L., Lipsitt L, Buka S. Mother's affection at 8 months predicts emotional distress in adulthood. *Journal of Epidemiology and Community Health*, 2011; 65(7), 621-625. doi:10.1136/jech.2009.097873
75. **Maselko J.**, ^Hughes, C., Cheney, R. Religious social capital: Its measurement and utility in the study of health disparities. *Social Science & Medicine*, 2011; 73:759-767
76. Mohanan M., **Maselko J.** Mind after Matter: Quasi-Experimental evidence on the causal effects of physical health shocks on mental health. *International Journal of Epidemiology*, 2010; 39(2):487-93
77. Almeida N., Loucks EB., Kubzansky LD., Pruessner J., **Maselko J.**, Meaney MJ., Buka SL. Quality of parental emotional care and calculated risk for coronary heart disease. *Psychosomatic Medicine*, 2010; 72(2) :148-55
78. Glymour MM, **Maselko J.**, Gilman S., Patton KK., Avendano M. Depressive symptoms predict incident stroke independently of memory impairment. *Neurology*, 2010; 75(23): 2063-2070
79. **Maselko J.**, Bates L., Avendano M., Glymour MM. The intersection of sex and marital status in shaping stroke incidence: Results from the Health and Retirement Study. *Journal of the American Geriatrics Society*, 2009; 57:2293-2299
80. **Maselko J.**, Gilman S., Buka S. Religious service attendance and spiritual well-being are differentially associated with risk of major depression. *Psychological Medicine*, 2009; 39:1009-1017.
81. Richman L., Kubzansky L., **Maselko J.**, Ackerson LK., Bauer M. The relationship between vitality and cardiovascular health. *Psychology and Health*, 2009; 24(8):919-932
82. **Maselko J.**, Patel V. Why women attempt suicide: The contribution of socioeconomic adversity, physical ill-health and psychiatric disorder in a population based longitudinal study in India. *Journal of Epidemiology and Community Health*, 2008; 62:817-822
83. **Maselko J.**, Buka, S. Religious Activity and Lifetime Prevalence of Psychiatric Disorder. *Social Psychiatry and Psychiatric Epidemiology*, 2008; 43(1):18-24

84. Rahman A., Patel V., **Maselko J.**, Kirkwood B. The neglected 'm' in MCH programmes – why mental health of mothers is important for child nutrition. *Tropical Medicine and International Health*, 2008; 13(4):579-83
85. Prince M., Patel V., Saxena S., Maj M., **Maselko J.**, Phillips M., Rahman A. No health without mental health – a slogan with substance. *The Lancet*, 2007; 370:859-877
86. Gurmankin AL., **Maselko J.**, Bauer M., Richman L., Kubzansky LD. Why do those with an anxiety disorder utilize more non-mental health care than those without? *Health Psychology*, 2007; 26(5):545-53
87. Bates L., **Maselko J.**, Schuler S. Does women's education influence the timing of marriage and childbearing in the next generation? Evidence from Bangladesh. *Studies in Family Planning*, 2007; 38(2): 101-112.
88. **Maselko J.**, Kubzansky L., Kawachi I., Berkman L. Religious engagement and allostatic load among high functioning elderly. *Psychosomatic Medicine*, 2007; 69(5): 464-72.
89. Lancet Global Mental Health Group*. Scale up services for mental disorders: a call for action. *The Lancet*, 2007; 370:87-98 (***Maselko** a member of the Group).
90. **Maselko J.**, Kubzansky L. Gender differences in religious practices, spiritual experiences and health: Results from the General Social Survey. *Social Science and Medicine*, 2006; 62: 2848-2860
91. **Maselko J.**, Kubzansky L., Kawachi I., Staudenmayer J., Berkman L. Religious service attendance and changes in pulmonary function in a high functioning elderly cohort. *Annals of Behavioral Medicine*, 2006; 32(3): 245-253.
92. Schuler SR., Bates L., Islam F., Islam MK., **Maselko J.**, Mailman N. Married youth and their mothers: Do empowered mothers foster gender-equitable relationships and better reproductive health among young people in rural Bangladesh? Report to Inter-Agency Working Group, Bureau for Global Health, USAID Washington DC, 2006
93. Richman L., Kubzansky L., **Maselko J.**, Kawachi I., Choo P., Bauer M. Positive emotions and health: going beyond the negative. *Health Psychology*, 2005; 24(4): 422-429
94. Kubzansky LD., Kubzansky PE., **Maselko J.** Optimism and Pessimism in the Context of Health: Bipolar Opposites or Separate Constructs? *Personality and Social Psychology Bulletin*, 2004; 30: 943-956

Selected abstracts:

1. **Maselko J.** Do Men Reap More Benefits from Religious Participation Than Women? (April 2003) Poster Presented at the International Center for the Integration of Spirituality and Health Conference, National Institutes of Health, Bethesda, MD.
2. **Maselko J.**, Loucks E., McCullough M. Forgiveness is Associated with Psychological Health: Findings from the General Social Survey (October 2003) Paper presented at the First Conference on the Scientific Findings About Forgiveness, Atlanta, GA.

3. Bates L., Islam F., **Maselko J.**, and Schuler S. Marriage Registration in Rural Bangladesh: Improving Women's Status? (November 2003) Paper presented at the American Public Health Association Annual Meeting. San Francisco, CA.
4. **Maselko J.**, Bates L., Islam F., and Schuler S. Effect of men's and couples' gender beliefs on women's health in Bangladesh. (November 2003) Poster presented at the American Public Health Association Annual Meeting. San Francisco, CA.
5. Bates L., **Maselko J.**, Schuler S. Women's Empowerment in Rural Bangladesh: Insights from Longitudinal Data. (April 2005) Paper Presented at the Population Association of America Annual Meeting, Philadelphia, PA
6. **Maselko J.**, Buka S. Religious Participation and Lifetime Prevalence of Psychiatric Disorder (June 2005) Paper Presented at the Society for Epidemiologic Research Annual Meeting, Toronto, Canada
7. Bates L., **Maselko J.**, Schuler S. Revisiting Indicators of Women's Empowerment in Rural Bangladesh: A Longitudinal Analysis (July 2005) Paper Presented at the International Union for the Scientific Study of Populations, International Conference, Tours, France
8. **Maselko J.**, Bates L., Schuler S. Social Isolation and Microfinance NGO Membership Among Women in Rural Bangladesh. (August 2005) Poster Presented at the 2nd Annual International Mental Health Conference, Institute of Psychiatry, London, UK
9. **Maselko J.**, Patel V. Psychiatric illness, economic adversity, gender disadvantage and suicide among women in Goa, India. (April 2006) Paper Presented at the Dept. of Social Medicine Global Mental Health Seminar, Harvard Medical School, Boston, MA.
10. Schuler S., Bates L., **Maselko J.**, and Nanda G. Women's education and the timing of marriage and childbearing in the next generation--evidence from Bangladesh (November 2006) Poster presented at the American Public Health Association Annual Meeting. Boston, MA.
11. **Maselko J.**, Patel V. Why women commit suicide? The role of psychiatric illness, economic adversity, gender disadvantage and suicide among women in Goa, India. (March 2007) Poster Presented at the Women's Health Research, Leadership and Advocacy Meeting, Temple University, Philadelphia, PA.
12. **Maselko J.**, Buka SL. Is all religiosity/spirituality good for mental health? Evidence of a differential association between domains of religiosity/spirituality and major depression. (March 2007) Poster Presented at the Society of Behavioral Medicine Annual Meeting in Washington, DC.
13. **Maselko J.**, Patel V. Why women commit suicide? The role of psychiatric illness, economic adversity, gender disadvantage and suicide among women in Goa, India. (April 2007) Paper Presented at the Population Association of America Annual Meeting in New York, NY.
14. Mohanan M., **Maselko J.** Mind after Matter: Quasi-experimental evidence on the causal effects of physical health shocks on mental health. (April 2008) Paper Presented at the Population Association of America Annual Meeting in New Orleans, LA.

15. Almeida N., Kubzansky L., Pruessner J, **Maselko J.**, Loucks E. The parent-child relationship as measured by the Parental Bonding Instrument and adulthood risk of coronary heart disease. (June 2008) Paper presented at the Society for Epidemiologic Research Annual Meeting in Chicago, IL.
16. **Maselko J.** Bad Karma? Negative religious coping and mental health effects of bus accident injuries in Karnataka, India. (October 2008). Paper presented at the Society for the Scientific Study of Religions Annual Meeting in Louisville, KY.
17. **Maselko J.**, Mohanan M., Kawachi K. Responding to adversity: Quasi-experimental evidence of dynamic social capital and its relation to mental health. (June 2009) Paper presented at the Second Social Capital Symposium. Harvard University, Boston, MA.
18. **Maselko J.**, Mohanan M., Kawachi K. Responding to adversity: Quasi-experimental evidence of dynamic social capital and its relation to mental health. (June 2010) Paper presented at the Society for Epidemiologic Research Annual Meeting. Seattle, WA.
19. Lombardo S., Beaudry L., Grad J., Perera B., **Maselko J.**, Ostbye T. Use of, and Attitudes Towards Tobacco and Alcohol Among Adults in Southern Sri Lanka. (Nov 2011) Paper presented at the Global Health Conference: Advancing Health in the 21st Century Conference in Montreal, CA.
20. Perera, B., Ranabahu S., Wickramarachch B., Ostbye T., **Maselko J.** Perceived social support, distress and suicidal ideation among elderly in Sri Lanka. (Feb 2012) Paper presented at the International Congress on Gerontology and Geriatric Medicine in New Delhi, India.
21. **Maselko J.**, Sikander S., Bhalotra S., Bangash O., Ganga N., Mukherjee S., Egger H., Franz L., Bibi A., Liaqat R., Kanwal M., Abbasi T., Noor M., Ameen N., Rahman A. Long term effects of a perinatal depression intervention on child development outcomes. (August 2014) Paper presented at the International Epidemiology Association World Congress in Anchorage, AK.
22. **Maselko J.**, Mohanan M. Matching strategies to achieve internal validity: The Karnataka bus accident study of long term health effects of unintentional injury. (August 2014) Paper presented at the International Epidemiology Association World Congress in Anchorage, AK.
23. **Maselko J.**, O'Donnell K., Sikander S., Bhalotra S. Determinants of positive socioemotional development among school aged children in rural Pakistan. (2017) Paper presented at the Society for Research in Child Development annual meeting in Austin TX.

Major Invited Presentations

1. "Parenting and Adversity: Lessons in measurement from the Bachpan cohort." World Bank, May 2023
2. "Treating Maternal Depression in low-resource Contexts: Symptoms and Biomarkers." Women's Health Symposium, April 2022
3. "Impact of maternal depression and its treatment on maternal outcomes, parental investment and child development." World Bank, February 2020

4. "Maternal Mental Health, the Social Context, and Child Development: The Promise and Limitations of Maternal Depression Treatment" Frank Porter Graham Center Seminar. UNC, January 2019
5. "Social Determinants, what do we do with them?" Invited plenary at the World Psychiatric Association meeting in New York, May 2018
6. "The Thinking Healthy Programme: Progress and Future Directions." Maternal and Child Health Symposium. Duke University September 2015
7. "Scaling up MH Services with Community Health Workers: The role of integration and peer volunteers." Grand Challenges Meeting, Seattle. 2014
8. "Neurophysiology of Religious Experience." Pacific University College of Health Professions Seminar Series. Forest Grove, OR. 2013
9. "Cultural influences on socio-emotional neurodevelopment: Searching for clues to common mental disorders." 2013 International Cultural Neuroscience Consortium Conference:
10. "Cultural Neuroscience and Health: Closing the Gap in Population Health Disparities." Northwestern University. 2013
11. "Sri Lanka Healthy Minds Study: Mental health across the lifecourse." Advances in Global Mental Health Research and Research Capacity Building. NIMH, Bethesda, MD. 2013:
12. "Association of Frequency of Religious Activities with Self-rated Physical and Mental Health: findings from a population based study in Sri Lanka." Duke University Center for Spirituality, Theology and Health Research Seminar. 2011
13. "Religious social capital: Its measurement and utility in the study of health disparities." Duke University Center for Spirituality, Theology and Health Research Seminar. 2009
14. "Women's mental health in a global context." 4th Annual Women's Health Interdisciplinary Research Symposium. Center for Women's health Research, Leadership and Advocacy. Temple University. 2008
15. "Mental Health: Gaps and Priorities in US Contributions to Global Disease Challenges." Working group of the Committee on the US Commitment to Global Health, Institute of Medicine. 2008
16. "Mental Health: Determinants and Consequences." Temple University introduction to Public Health seminar. 2006, 2007
17. "Current Research on Spirituality, Religious Engagement and Psychopathology." Psychiatry Residency Program, McLean Hospital, Belmont MA/Massachusetts General Hospital, Boston, MA. 2005, 2006:

TEACHING RECORD

Lead Instructor

Social Determinants of Global Health (EPID 826), graduate level, main instructor

Fall 2023: 35 students

Fall 2022: 60 students

Fall 2021: 45 students

Fall 2020: 35 students

Spring 2019: 14 students

Fall 2018: 7 students

Social Epidemiology Seminar, Co-instructor
Spring 2018: 20 Students

Other

2021/2023 Guest lecturer, ANTH 897: on Research in Global Mental Health
2020-current Guest lecturer, EPID 790: on Regression Discontinuity designs
2017/18 Guest lecturer, *EPID 827*, on Challenges of Causal Inference in Study of Maternal Depression and Child Health
2016/17 Guest lecturer, *EPID 710*, on Quasi-Experimental Study Designs
2017 Guest lecturer, *SPHG 600* Introduction to Public Health
2016-yearly/current Guest lecturer, *HBEH 893* Global Mental Health
2016 Guest lecturer, *EPID 826* on Social Determinants of Health and Policy

École des Hautes Études en Santé Publique (EHESP) Paris, France

2019 Guest lecturer, Perinatal Epidemiology, on Maternal Depression and Child Development

GRANTS

Current:

03/1/2024 **Pathways to protection: Understanding how cash transfers can protect**
02/28/2029 **the mental health of rural South African adolescents growing up in**
adversity

PI: Pettifor

1R01MH135098

Role: Investigator

This project examines how cash transfers, in combination with other interventions, can impact mental health among South African adolescents.

12/1/2022 **Women's adversity exposure, HPA axis regulation, and internalizing**
11/30/2024 **symptoms: A longitudinal study of a depression intervention**

MPI: Maselko (contact PI) and Baranov

R21: R21MH131866

Total amount: \$447,902

This grant examines the links between psychosocial risk factors, adversity and lung function in the Bachpan cohort.

09/20/2022- **Risk and resilience: Evaluating the multigenerational effect of a**
09/19/2025 **psychosocial maternal depression intervention against COVID-19 related**
stressors

MPI: Maselko (contact PI) and Baranov

R01: RF1MH132367, NIMH

Total Amount: \$2,106,882

Role: Multiple Principal Investigator

This project builds on the Bachpan cohort in Pakistan to gain insights into the multi-generational mental health impacts of COVID-19 stressors and identify risk and protective factors, including a psychosocial depression intervention.

05/01/2020-04/30/2025 **Early life adversities and the emergence of risk and resilience: a longitudinal study of child development (Bachpan birth cohort)**
PI: Maselko
R01-2 HD075875, NICHD
Total Amount: \$2,952,056
Role: Principal Investigator
The major goals of this project are to examine the impact of multiple psychosocial exposures on child outcomes through age 8. The Bachpan study is a collaboration with the SHARE perinatal depression intervention in Pakistan and enrolls mother-child dyads who participate in the clustered randomized trial together with a cohort of women who are not depressed prenatally.

09/01/2021-08/31/2026 **Longitudinal study of health outcomes and mitigating factors in the aftermath of the COVID pandemic (SEHAT)**
MPI: Mohanan (contact PI) and Maselko
R01 HD107420, NICHD
Total Amount: \$3,307,156
Role: Multiple Principal Investigator
The overall goal of this project is to examine trajectories of child/adolescent mental health and primary healthcare utilization including immunization, in the aftermath of the COVID-19 pandemic. Our project, located in India, will test key hypotheses about the pandemic's impact on health outcomes, vulnerability to future shocks, and sources of heterogeneity in these relationships.

10/01/2022-09/20/2027 **Women's Health Initiative Vision Impairment Project**
PI: Gower
Role: Investigator
R01: EY033907
Total Amount: \$4,261,585
This grant focuses on determinants and barriers to obtaining vision care among older women in the US.

04/15/2021-04/14/2023 **Optimizing wearables for measurement of social interaction**
PI: Maselko
Total award: \$20,000
UNC Carolina Population Center (CPC)
This pilot grant is to test feasibility of the wearable devices to capture heart rate variability, physical activity, and audio by older persons.

Pending:

01/01/2025-12/31/2032 **Long term effects of perinatal depression interventions on adolescent and young adult mental health and wellbeing; two birth cohorts in Pakistan**
Submitted to Wellcome Trust
PI: Sikander
Role: Co-applicant
Total: \$6.2 million USD
This grant proposes to continue to follow the Bachpan cohort from ages 11 to 15, in combination with the young adult cohort ages 19-23 to investigate the long

term effects of exposure to a perinatal depression intervention among their mothers.

06/01/2024-
05/31/2029 **Enhanced problem-solving therapy and HIV engagement support to improve perinatal mental health and HIV outcomes in Malawi: An RCT**
Submitted to NIH
PI: Pence
Role: Investigator
The goal of this project is to test an intervention to improve perinatal mental health in Malawi.

Completed:

09/01/2022-
05/31/2023 **Grandmother caregiving, family dynamics, and child development in rural Pakistan: a mixed methods approach**
PI: Maselko
R01: RF1MH132367, NICHD
Total Amount: \$58,696
Role: Principal Investigator and Mentor
This administrative supplement grant supports the doctoral work of Esther Chung, whose project builds on the Bachpan cohort in Pakistan explore the role of grandmother involvement on child development.

11/01/19-
10/31/21 **Impact of treating perinatal depression on infant HPA axis function.**
PI: Maselko
R03HD097434, NICHD
Total Award: \$155,500
Role: Principal Investigator
This study focuses on the relationship between maternal depression, other stressors, and maternal and offspring HPA axis function. Using data from the Bachpan cohort that includes hair samples from roughly 100 mother-child dyads, we will conduct a secondary analysis to assess (a) the impact of the perinatal depression intervention on maternal and offspring biomarkers of HPA axis function as well as (b) other determinants of HPA functioning.

04/22/16-
01/31/21 **Multilevel mechanisms of HIV acquisition in young South African women.**
PI: Audrey Pettifor
R01 MH110186, NIMH
Total Award: \$3,436,000
Role: Collaborator
This study aims to determine the effect and mechanisms of gender inequity, schooling and socio-economic status as factors that influence HIV acquisition in young women in South Africa. The project combines primary data collection with linking existing cohort data with datasets that contain community social environment data as well as population census data.

02/03/20-
01/30/23 **Impact of maternal depression treatment on maternal health, parental investment and child development.**
PI: Joanna Maselko
CEDIL Foundation

Total Award: 999,238BP (approx. \$1,303,600) terminated 2 years early due to UK budget cuts

This study combines the evaluation of the extended version of the Thinking Healthy Program-Pre-School on child development and mother-child dyad HPA axis indicators, with an experiment that evaluates giving mothers feedback about their child performance on investment behaviors.

05/01/14-
04/30/20

Impact of Perinatal Depression Treatment on Child Developmental Outcomes. (aka: Bachpan Cohort Study)

PI: Joanna Maselko

R01 HD075875, NICHD

Total Award: \$2,271,000

Role: Principal Investigator

This study investigates the medium term impacts of a perinatal depression intervention on child socio-emotional outcomes. The Bachpan study is a collaboration with the SHARE perinatal depression intervention in Pakistan (U19MH095678) and enrolls mother-child dyads who participate in the clustered randomized trial together with a cohort of women who are not depressed prenatally. The study follows mothers starting in the 3rd trimester of pregnancy and until the child is 3 years old.

9/1/2016
6/30/2018

Domestic Violence Attitudes and culturally Appropriate Prevention in Pakistan

PI: Lisa Bates

R21TW010443 NIH/Fogarty

Total Award: \$414,000

Role: Co-investigator

The goal of this project is to examine attitudes and norms about intimate partner violence in Pakistan. The study will involve multiple stakeholders, women as well as men, to provide key information that will help develop effective culturally appropriate interventions.

05/01/16

Epigenetic study of depression and its treatment (declined)

PI: Maselko

Duke Population Research Institute (DuPRI)/DGHI

Total Award: \$20,000

Role: Principal Investigator

The goals of this study are (a) to assess the feasibility of collecting and analyzing DNA samples from women participating in the SHARE CHILD study, (b) compare genome wide and gene specific methylation patterns between depressed and non-depressed women and (c) compare genotypes of 3 candidate genes between the depressed and non-depressed women.

10/01/15-
04/30/16

Innovations in tablet-based neuropsychological assessments for global mental health: Pilot applications for adolescent development & suicide prevention in South Asia.

MPI: Joanna Maselko/Brandon Kohrt

Duke Global Health Institute, Global Mental Health Initiative

Total Award: \$10,000

Role: Co-Principal Investigator

The goal of this project is to adapt and pilot culturally appropriate neuropsychological tools in tablet format for South Asian adolescents at risk of suicide.

- 02/01/14-
05/01/16 **Technology-Assisted assessment, cascade training and supervision (TACTS) system pilot.**
PI: Shamsa Zafar
Grand Challenges Canada, Mental Health Seed Grant
Total Award: \$250,000
Role: Co-Investigator
The goal of this project is to develop and pilot a technology assisted training program for front line community workers to deliver mental health interventions.
- 09/01/13-
11/01/14 **Youth in Transition: Developmental Pathways to Risk and Resilience in South India.**
PI: Maselko
Duke Initiative on Education and Human Development Pilot Funds
Total Award: \$25,000
Role: Principal Investigator
- 07/01/12-
10/31/14 **Perinatal Depression Treatment and Child Development: A follow-up of the Thinking Healthy Programme.**
PI: Joanna Maselko/Siham Sikander
SB0038, Grand Challenges Canada Saving Brains Program
Total Award: \$910,000
Role: Co-Principal Investigator
This study is set in Pakistan and follows up children whose mothers participated in a successful community based perinatal depression intervention in 2006 to examine potential long term effects of the intervention on child developmental outcomes.
- 07/01/11-
06/29/13 **Sri Lanka Healthy Minds Study.**
PI: Maselko
R21 MH0932978
Total Award: \$226,000
Role: Principal Investigator
The goal of this study is to lay the foundation for the Sri Lanka Healthy Minds Study (SLHMS), a population based study where individual, caregiver, and other family level factors will be examined using a lifecourse perspective to better understand depression risk and its influence on cognitive impairment.
- 06/01/11-
12/15/12 **Family Composition and Risk of Mental Health Problems in the Offspring.**
PI: Maselko
Duke Population Research Institute (DuPRI), NIA, Duke Global Health Institute.
Total Award: \$20,000
Role: Principal Investigator
The goal of this study was to collect pilot data and conduct preliminary analysis on the association between a maternal social support measure and maternal mental health in Karnataka, India.
- 08/15/08- **Religious Engagement and Psychopathology Over the Life course.**

04/30/11 PI: Maselko
R03 MH080280
Total Award: \$138,000
Role: Principal Investigator
The goal of this study was to analyze data from multiple NCPP studies in order to examine the relation between religiosity, risk factors for psychopathology and psychopathology risk.

05/01/08-
01/15/09 **Stress, Violence and Spiritual Capital.**
PI: Maselko
John Templeton Foundation, 13794
Total Award: \$18,383
Role: Principal Investigator
The goal of this study was to collect pilot data on levels of social capital, spiritual capital and risk factors for violence in a single neighborhood in Philadelphia.

2006 **Spirituality and Risk of Psychopathology.**
PI: Maselko
Society for the Scientific Study of Religion, Jack Shand Award
Total Award: \$3000
Role: Principal Investigator
The goal of this study was to investigate the correlation between spiritual experiences and levels of psychological distress.

11/1/2004-
10/30/2006 **Religious engagement and health**
PI: Stephen L. Buka
NIMH T32MH063106
Role: Fellow
The goal of this study was to analyze data from the National Collaborative Perinatal Project on the association between religious engagement and health.

SERVICE

Service to the Epidemiology Department

Lead, Social Epidemiology Program Area	2021-current
Member, Admissions Committee, MPH Health EQUITY Concentration	2022-current
Co-Lead, Health EQUITY Concentration MPH	2018-2022
Chair, Admissions Committee, MPH Health EQUITY Concentration	2018-2022
Epidemiology doctoral admissions committee	2017-2018

Service to Gillings School of Global Public Health

Lead, Global Mental Health Interest Group	2018-current
Member, MPH Steering committee	2019-2020

Service to the University of North Carolina at Chapel Hill

Carolina Population Center Population T32 Training Grant committee	2021-current
Carolina Population Center Grant Review committee	2020-current
Carolina Population Center seminar committee	2018-2019

Service to Duke University

Global Health Biostatistics Core, student support core	2014- 2016
Advisory Board Member, Global Mental Health Initiative	2013- 2016
Global Health Doctoral Scholars Program Committee	2013- 2016
MSc Admissions Committee	2012-2013,16
Duke Global Health Institute Ad hoc grant Peer Review	2010-2016
Maternal, Adolescent and Child Health (MACH) grant reviewer	2016
BASS connections grant reviewer	2015
MSc Fieldwork and Thesis Committee	2013-2014
Search Committee for faculty recruitment in Global Mental Health	2011- 2012
Global Health Doctoral Scholars Program, Director	2010-2012
Global Mental Health Exploratory Committee	2010-2012
Education Faculty Committee	2012
Global Health Post-doctoral Committee	2012

National Service

KPZ Trial Steering Committee	2023-present
External Tenure Review, Duke University	2024
Session Chair, PAA, COVID and mental health	2022
External Tenure Review, Yale University	2023
Ad hoc grant reviewer, NIMH Global Mental Health Program	2022, '23, '24
Member, SER dissemination sub-committee	2020-2023
Ad hoc Grant reviewer, NIH Fogarty Brain Disorders Program	2019
Member, Interdisciplinary Association for Population Sciences, conference organizing committee	2019
Ad hoc Grant reviewer, National Science Foundation	2018, 2023
Grant review panel member, Global Mental Health panel, Medical Research Council	2017-18
Member, Population Association of America Conference organizing committee	2015
Grant reviewer, John Templeton Foundation research program	2013
Volunteer, Food-4-Families weekend backpack program EK Powe Elemen. School	2012
Member, Institute of Medicine Committee on US Commitment to Global Health	2008

International Service

Senior mentor, gmhCONNECT training program	2022-current
Ad hoc Grant Reviewer, Wellcome Trust	2021
Ad hoc Grant Reviewer, NIHR COVID-19 Rapid Response grants	2020
Ad hoc Grant Reviewer, National Institute Healthcare Research (NIHR), UK	2019
Ad hoc Grant reviewer, Medical Research Council, UK	2016
Grant reviewer, Grand Challenges Canada Review Panel Saving Brains Platform grant	2014
Member, Conference planning committee, International Epidemiology Association	2014

Editorial service

Ad Hoc reviewer for:

Administration and Policy in Mental Health and Mental Health Services Research, American Journal of Epidemiology, American Journal of Public Health, American Journal of Psychiatry, British Journal of Psychiatry, BMC Geriatrics, BMC Psychiatry, BMC Public Health, British Medical Journal, BMJ Global Health, Cambridge Prism Global Mental Health, Developmental Psychopathology, Developmental Science, Epidemiology, Epidemiology and Psychiatric Sciences, Family Process, The Gerontologist, Global Mental Health, Infancy, International Health, International Journal of Epidemiology, Journal of Affective Disorders, International Journal of Environmental Research and Public Health, International Journal of Geriatric

Psychiatry, Journal of Applied Gerontology, Journal of Consulting and Clinical Psychology, Journal of Epidemiology and Community Health, Journal of Health Psychology, Journal of Psychiatric Research, Journal of Rural Mental Health, Journal of Studies on Alcohol and Drugs, Lancet Psychiatry, Nicotine & Tobacco Research, PLoS Medicine, PLoS One, Psychological Medicine, Psychosomatic Medicine, Social Science and Medicine, Social Science and Medicine, Population Health, Social Science and Medicine/Mental Health, Social Psychiatry and Psychiatric Epidemiology, Theology and Science, Trials