

CURRICULUM VITAE

JOANNA (“ASIA”) MASELKO, ScD

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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

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

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

2016-current 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

Duke Global Health Institute, Global Mental Health Initiative pilot grant	2015
Duke Initiative on Education and Human Development pilot grant	2013
Duke Global Health Institute Travel Grant	2010
NIMH Early Investigator International Travel Award	2011
NIH National Center on Minority Health and Health Disparities Scholar	2005-2011
NIMH Fellowship in Psychiatric Epidemiology, Harvard School of Public Health	2004-2006
Doctoral Exam, high honors, Harvard School of Public Health	2002
Harvard University Tuition Award	1999-2003
Kosciuszko Foundation Scholarship	1999-2000

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

Refereed Papers/Articles (*denotes senior authorship, ^denotes mentee/student 1st author):

1. 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*. 2020. DOI 10.1007/s10461-020-03041-7
2. ^*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
3. **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
4. 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 /doi.org/10.1007/s00038-020-01370-x(0123456789().,-volV)(0123456789().,-vol
5. 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* 15(5): e0231872. <https://doi.org/10.1371/journal.pone.0231872>
6. ^*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>
7. 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
8. ^*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
9. 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

10. ^*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
11. **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
12. 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
13. *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
14. ^*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
15. 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
16. 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
17. 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
18. 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
19. 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

20. 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.
21. *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
22. **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
23. **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
24. 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
25. 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
26. *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
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28. **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
29. *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
30. **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

31. Benjamin Neelon SE., Stroo 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
32. 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.
33. **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.
34. 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
35. ^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.
36. *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
37. 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
38. **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
39. 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
40. ^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
41. **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

42. **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
43. **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
44. 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
45. 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
46. 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
47. **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
48. **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.
49. 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
50. **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
51. **Maselko J.**, Buka, S. Religious Activity and Lifetime Prevalence of Psychiatric Disorder. *Social Psychiatry and Psychiatric Epidemiology*, 2008; 43(1):18-24
52. 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
53. 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
54. 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
55. 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.

56. **Maselko J.**, Kubzansky L., Kawachi I., Berkman L. Religious engagement and allostatic load among high functioning elderly. *Psychosomatic Medicine*, 2007; 69(5): 464-72.
57. 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).
58. **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
59. **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.
60. 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
61. 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
62. 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

Under review: (*denotes senior authorship, ^denotes mentee/student 1st author)

1. ^Garrison, A., **Maselko, J.**, Courtin, D., Zoumenou, R., Boivin MJ., Massougbodji, 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 Beninese children
2. *^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. (revise and resubmit *Journal of Intergenerational Relationships*)
3. 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. There are some who can be identified and while others cannot...I may respond as though I am not depressed while in fact, I am”: understandings of and detecting depression with the EPDS and PHQ-9 instruments among women living with HIV in Malawi. (revise and resubmit *Journal of Affective Disorders*).
4. Bhalotra, S., Delavande, A., Gilabert, PF., **Maselko, J.** Maternal investments in children: The role of expected effort and returns. (under review JPE).

5. ^*Chung, EO., Hagaman, AK., LeMasters, K., Andrabi, N., Baranov, V., Bates, L., Gallis, JA., O'Donnell, K., Sikander, S., Turner, EL., **Maselko, J.** The impact of grandmother involvement on child growth and development in rural Pakistan (Revise and Resubmit BMJ Global Health)
6. Drover, S., Heidi, A., **Maselko, J.**, Herring, A., Thomas ZR., Pal, Z., Reichorn-Kjennerud, T., Knudsen, G. Engel, S. Do deiodinase-encoding gene variants modify the association between maternal thyroid function and preschool ADHD? A study using the Norwegian Mother and Child Cohort (under review Paediatric and Perinatal Epidemiology)
7. 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. (under review)
8. *Baranov, V., Hagaman, AK., Simmons, J., Manzoor, S., Biroli, P., Bhalotra, S., Rahman, a., Sikander, S., **Maselko, J.** Causal effects of a maternal depression intervention on women's HPA axis function (under review PNAS)
9. *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 (under review Field Methods)
10. ^*Martinez RA., O'Donnell K., Sikander S., Rahman A., **Maselko J.** Adverse experiences and developmental indicators of children in rural Pakistan (revise and resubmit)
11. ^*Buck P., Ostbye T., Robins C., Perera P., **Maselko J.** Association of frequency of religious activities with self-rated physical and mental health: Findings from a population-based study in Sri Lanka. (under review)

Working papers:

1. Persistence in Treatment Effects of Maternal Depression: Evidence from Follow Up of a Randomized Controlled Trial in Pakistan. With Sonia Bhalotra, Victoria Baranov, Siham Sikander, et al.

Non-authored publications:

1. Hoopengardner, Tom. Disability and Work in Poland. World Bank Social Protection Discussion Paper Series. January 2001.

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. "Current Research on Spirituality, Religious Engagement and Psychopathology." Psychiatry Residency Program, McLean Hospital, Belmont MA/Massachusetts General Hospital, Boston, MA. 2005, 2006:

2. "Mental Health: Determinants and Consequences." Temple University introduction to Public Health seminar. 2006, 2007
3. "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
4. "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
5. "Religious social capital: Its measurement and utility in the study of health disparities." Duke University Center for Spirituality, Theology and Health Research Seminar. 2009
6. "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
7. "Sri Lanka Healthy Minds Study: Mental health across the lifecourse." Advances in Global Mental Health Research and Research Capacity Building. NIMH, Bethesda, MD. 2013:
8. "Cultural influences on socio-emotional neurodevelopment: Searching for clues to common mental disorders." 2013 International Cultural Neuroscience Consortium Conference: Cultural Neuroscience and Health: Closing the Gap in Population Health Disparities. Northwestern University. 2013
9. "Neurophysiology of Religious Experience." Pacific University College of Health Professions Seminar Series. Forest Grove, OR. 2013
10. "Scaling up MH Services with Community Health Workers: The role of integration and peer volunteers." Grand Challenges Meeting, Seattle. 2014
11. "The Thinking Healthy Programme: Progress and Future Directions." Maternal and Child Health Symposium. Duke University September 2015
12. "Social Determinants, what do we do with them?" Invited plenary at the World Psychiatric Association meeting in New York, May 2018
13. "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
14. "Impact of maternal depression and its treatment on maternal outcomes, parental investment and child development." World Bank, February 2020

TEACHING RECORD

Coursework: *Main Instructor*
UNC Chapel Hill

2018-2019

Social Determinants of Global Health, graduate level

2018 Social Epidemiology seminar (co-instructor)

Duke University

2015-16 Social Determinants of Global Health, undergraduate level
2010-16 Introduction to Epidemiology, Focus on Global Health, undergraduate level
2011-12 Global Mental Health, graduate level
2011-12 Social Determinants of Health Module in SOM Global Health Curriculum

Temple University

2008-09 Social Determinants of Health, graduate level
2007-08 Mental Health Epidemiology, graduate level
2007 Introduction to Epidemiology, graduate level

Other

UNC Chapel Hill

2017-2018 Guest lecturer, EPID 827, on Challenges of Causal Inference in Study of Maternal Depression and Child Health
2016-2017 Guest lecturer, EPID 710, on Quasi-Experimental Study Designs
2017 Guest lecturer, SPHG 600 Introduction to Public Health
2016-2017 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

Post-Doctoral Mentoring

2020-current Post-doctoral fellow Allison Frost
2018-2020 CPC Post-doctoral fellow Ashley Hagaman
2012-2016 Post-doctoral fellow Duke University Nima Ganga
2012 MIPD Fellow Duke University Emilia Chiscop

Undergraduate Mentoring

2020-2021 Naira Ikram
2018-2019 Elissa Scherer
2014-2015 Sara Khan

GRANTS

Current:

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

05/01/2020-
04/30/2025

Early life adversities and the emergence of risk and resilience: a longitudinal study of child development

(PI: Maselko)

R01-2 HD075875, NICHD

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.

11/01/19-
10/31/21

Impact of treating perinatal depression on infant HPA axis function.

(PI: Joanna Maselko)

R03HD097434, NICHD

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

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.

Completed:

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

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.

- 9/116-6/30/18 **Domestic Violence Attitudes and Culturally Appropriate Prevention in Pakistan.**
 (PI: Lisa Bates)
 NIH/Fogarty
 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: Joanna Maselko)
 Duke Population Research Institute (DuPRI)/DGHI
 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.**
 (PI: Joanna Maselko/Brandon Kohrt)
 Duke Global Health Institute, Global Mental Health Initiative
 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
 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: Joanna Maselko)
 Duke Initiative on Education and Human Development Pilot Funds
 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
 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: Joanna Maselko)
R21 MH0932978
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: Joanna Maselko)
Duke Population Research Institute (DuPRI), NIA, Duke Global Health Institute.
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-
04/30/11 **Religious Engagement and Psychopathology Over the Life course.**
(PI: Joanna Maselko)
R03 MH080280
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: Joanna Maselko)
John Templeton Foundation, 13794
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: Joanna Maselko)
Society for the Scientific Study of Religion, Jack Shand Award
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.

Pending:

06/01/2020-05/31/2021 **Optimizing wearable sensing technologies for the measurement of social interactions**

Retirement Research Foundation

(PI: Maselko)

Role: Principal Investigator

The purpose of this project is to test an innovative approach of measuring grandparent-grandchild interactions using a passive wearable technology package.

SERVICE**Service to the Epidemiology Department**

Main Co-Lead, Health EQUITY Concentration MPH	2018-present
Chair, Admissions Committee, MPH Health EQUITY Concentration	2018-present
Epidemiology admissions committee	2017-2018

Service to Gillings School of Global Public Health

Lead, Global Mental Health Interest Group	2018-present
Member, MPH Steering Cmte	2019-2020

Service to the University of North Carolina at Chapel Hill

Carolina Population Center seminar committee	2018-2019
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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
Associate Director of Research, Center for Spirituality, Theology and Health	2009-2010

National Service

Member, SER dissemination sub-committee	2020
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
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

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

BMC Psychiatry

BMC Public Health

British Medical Journal

BMJ Global 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 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 Psychiatry and Psychiatric Epidemiology

Theology and Science

Trials

