

Technical Review Panel Member

Curriculum Vitae

Name: Hannah Koenker
 Nationality: USA
 Languages: English, French
 Area of Expertise: Malaria

Qualifications

Qualification	Institution	Department	Year
Ph.D	Swiss Tropical and Public Health Institute	Epidemiology	2015
M.P.H	Johns Hopkins Bloomberg School of Public Health	International Health / Social and Behavioral Sciences	2006
B.A.	Carleton College, Minnesota USA	English Literature / French Studies	2000

Employment History

Employer	Position	Place	Year
Tropical Health LLP	Technical Director	Baltimore, USA	2019-present
Johns Hopkins University	Project Director, PMI VectorWorks	Baltimore, USA	2016-2019
Johns Hopkins University	Senior Technical Advisor / Senior Program Officer, Malaria	Baltimore, USA	2010-2016
Johns Hopkins University	Program Officer, Malaria	Baltimore, USA	2006-2010

Publications

1. Briet O, **Koenker H**, Norris L, Wiegand R, Eng JV, Thackeray A, et al. Attrition, physical integrity and insecticidal activity of long-lasting insecticidal nets in sub-Saharan Africa and modelling of their impact on vectorial capacity. *Malaria Journal*. BioMed Central; 2020;:1–15.
2. Monroe A, Msaky D, Kiware S, Tarimo BB, Moore S, Haji K, **Koenker H** et al. Patterns of human exposure to malaria vectors in Zanzibar and implications for malaria elimination efforts. *Malaria Journal*. BioMed Central; 2020;:1–14.
3. Abílio AP, Obi E, **Koenker H**, Babalola S, Saifodine A, Zulliger R, et al. Monitoring the durability of the long-lasting insecticidal nets MAGNet and Royal Sentry in three ecological zones of Mozambique. *Malaria Journal*. BioMed Central; 2020;:1–17.
4. Monroe A, Moore S, Okumu F, Kiware S, Lobo NF, **Koenker H**, et al. Methods and indicators for measuring patterns of human exposure to malaria vectors. *Malaria Journal*. BioMed Central; 2020;:1–14.
5. Haji KA, Khatib BO, Obi E, Dimoso K, **Koenker H**, Babalola S, et al. Monitoring the durability of the long-lasting insecticidal nets Olyset® and PermaNet® 2.0 in similar use environments in Zanzibar. *Malaria Journal*. BioMed Central; 2020;:1–17.
6. Mansiangi P, Umesumbu S, Etewa I, Zandibeni J, Bafwa N, Blaufuss S, **Koenker H** et al. Comparing the durability of the long-lasting insecticidal nets DawaPlus® 2.0 and DuraNet© in northwest Democratic Republic of Congo. *Malaria Journal*. BioMed Central; 2020;:1–17.
7. Yukich J, Stuck L, Scates S, Wisniewski J, Chacky F, Festo C, **Koenker H** et al. Sustaining LLIN coverage with continuous distribution: the school net programme in Tanzania. *Malaria Journal*. BioMed Central; 2020;19:158–12.
8. Obi E, Okoh F, Blaufuss S, Olapeju B, Akilah J, Okoko OO, **Koenker H** et al. Monitoring the physical and insecticidal durability of the long-lasting insecticidal net DawaPlus® 2.0 in three States in Nigeria. *Malaria Journal*. BioMed Central; 2020;:1–19.
9. Scates SS, Finn TP, Wisniewski J, Dadi D, Mandike R, Khamis M, **Koenker H** et al. Costs of insecticide-treated bed net distribution systems in sub-Saharan Africa. *Malaria Journal*. BioMed Central; 2020;:1–18.
10. Ahorlu CS, Adongo P, **Koenker H**, Zigirumugabe S, Sika-Bright S, Koka E, et al. Understanding the gap between access and use: a qualitative study on barriers and facilitators to insecticide-treated net use in Ghana. *Malaria Journal*. BioMed Central; 2019;:1–13.
11. Olapeju B, Choiriyah I, Bertram K, Piccinini D, Harig H, Selby RA, **Koenker H** et al. Who buys nets? Factors associated with ownership and use of purchased mosquito nets in sub-Saharan Africa. *Malaria Journal*. BioMed Central; 2019;:1–10.
12. Wisniewski J, Acosta A, Kolaczinski J, **Koenker H**, Yukich J. Systematic review and meta-analysis of the cost and cost-effectiveness of distributing insecticide-treated nets for the prevention of malaria. *Acta Trop*. Elsevier; 2019;202:105229.
13. Berthe S, Harvey SA, Lynch M, **Koenker H**, Jumbe V, Kaunda-Khangamwa B, et al. Poverty and food security: drivers of insecticide-treated mosquito net misuse in Malawi. *Malaria Journal*. BioMed Central; 2019;:1–11.
14. **Koenker H**, Taylor C, Burgert-Brucker CR, Thwing J, Fish T, Kilian A. Quantifying Seasonal Variation in Insecticide-Treated Net Use among Those with Access. *Am J Trop Med Hyg*. 2019;101:371–82.

15. Monroe A, Mihayo K, Okumu F, Finda M, Moore S, **Koenker H**, et al. Human behaviour and residual malaria transmission in Zanzibar: findings from in-depth interviews and direct observation of community events. *Malaria Journal*. BioMed Central; 2019;:1–13.
16. Monroe A, Moore S, **Koenker H**, Lynch M, Ricotta E. Measuring and characterizing night time human behaviour as it relates to residual malaria transmission in sub-Saharan Africa: a review of the published literature. *Malaria Journal*. BioMed Central; 2019;18:1–12.
17. Olapeju B, Choiriyah I, Lynch M, Acosta A, Blaufuss S, Filemyr E, **Koenker H** et al. Age and gender trends in insecticide-treated net use in sub-Saharan Africa: a multi-country analysis. *Malaria Journal*. BioMed Central; 2018;:1–12.
18. Mboma ZM, Dillip A, Kramer K, **Koenker H**, Greer G, Lorenz LM. “For the poor, sleep is leisure”: understanding perceptions, barriers and motivators to mosquito net care and repair in southern Tanzania. *Malaria Journal*. BioMed Central; 2018;:1–13.
19. **Koenker H**, Arnold F, Ba F, Cisse M, Diouf L, Eckert E, et al. Assessing whether universal coverage with insecticide-treated nets has been achieved: is the right indicator being used? *Malaria Journal*. 2018;17:355.
20. **Koenker H**, Arnold F, Ba F, Cisse M, Diouf L, Eckert E, et al. Assessing whether universal coverage with insecticide-treated nets has been achieved: is the right indicator being used? *Malaria Journal*. BioMed Central; 2018;:1–11.
21. **Koenker H**. More is More: Are We Delivering Enough LLINs? *EClinicalMedicine*. Elsevier Ltd; 2018;1:5–6.
22. **Koenker H**, Ricotta E, Olapeju B. ITN Access and Use Report [Internet]. 2018 Jun. Available from: <http://www.vector-works.org/resources/itn-access-and-use/>
23. Acosta A, Obi E, Selby RA, Ugot I, Lynch M, Maire M, **Koenker H** et al. Design, Implementation, and Evaluation of a School Insecticide-Treated Net Distribution Program in Cross River State, Nigeria. *Global Health: Science and Practice*. Global Health: Science and Practice; 2018;6:GHSP–D–17–00350–287.
24. Storey JD, Babalola SO, Ricotta EE, Fox KA, Toso M, Lewicky N, **Koenker H** et al. Associations between ideational variables and bed net use in Madagascar, Mali, and Nigeria. *BMC Public Health*; 2018;:1–15.
25. de Beyl CZ, Acosta A, Monroe A, Nyanor-Fosu F, Ofori JK, Asamoah O, **Koenker H** et al. Impact of a 15-month multi-channel continuous distribution pilot on ITN ownership and access in Eastern Region, Ghana. *Malaria Journal*. BioMed Central; 2018;:1–10.
26. Awantang G, Babalola S, **Koenker H**, Fox K, Toso M, Lewicky N, et al. Correlates of social behavior change communication on care-seeking behaviors for children with fever: an analysis of malaria household survey data from Liberia. *Malaria Journal*. BioMed Central; 2018;:1–10.
27. Kilian A, Schnurr LW, Matova T, Selby RA, Lokko K, Blaufuss S, **Koenker H** et al. Evaluation of a continuous community-based ITN distribution pilot in Lainya County, South Sudan 2012–2013. *Malaria Journal*. BioMed Central; 2017;:1–13.
28. de Beyl CZ, Kilian A, Brown A, Sy-Ar M, Selby RA, Randriamanantenaso F, **Koenker H** et al. Evaluation of community-based continuous distribution of long-lasting insecticide-treated nets in Toamasina II District, Madagascar. *Malaria Journal*. 2017;16:e64913–2.

29. Gingrich CD, Ricotta E, Kahwa A, Kahabuka C, **Koenker H**. Demand and willingness-to-pay for bed nets in Tanzania: results from a choice experiment. *Malaria Journal*. BioMed Central; 2017;:1–15.
30. **Koenker H**, Yukich JO. Effect of user preferences on ITN use: a review of literature and data. *Malaria Journal*. BioMed Central; 2017;:1–18.
31. Babalola S, Ricotta E, Awantang G, Lewicky N, **Koenker H**, Toso M. Correlates of Intra-Household ITN Use in Liberia: A Multilevel Analysis of Household Survey Data. Gutman J, editor. *PLoS ONE*. 2016;11:e0158331–16.
32. Theiss-Nyland K, Ejersa W, Karema C, Koné D, **Koenker H**, Cyaka Y, et al. Operational challenges to continuous LLIN distribution: a qualitative rapid assessment in four countries. *Malaria Journal*. BioMed Central; 2016;15:131.
33. de Beyl CZ, **Koenker H**, Acosta A, Onyefunafoa EO, Adegbe E, McCartney-Melstad A, et al. Multi-country comparison of delivery strategies for mass campaigns to achieve universal coverage with insecticide-treated nets: what works best? *Malaria Journal*. BioMed Central; 2016;:1–14.
34. Helinski MH, Namara G, **Koenker H**, Kilian A, Hunter G, Acosta A, et al. Impact of a behaviour change communication programme on net durability in eastern Uganda. *Malaria Journal*. BioMed Central; 2015;14:366.
35. **Koenker H**, Kilian A, Hunter G, Acosta A, Scandurra L, Fagbemi B, et al. Impact of a behaviour change intervention on long-lasting insecticidal net care and repair behaviour and net condition in Nasarawa State, Nigeria. *Malaria Journal*. BioMed Central; 2015;14:18.
36. Ricotta EE, Boulay M, Ainslie R, Babalola S, Fotheringham M, **Koenker H**, et al. The use of mediation analysis to assess the effects of a behaviour change communication strategy on bed net ideation and household universal coverage in Tanzania. *Malaria Journal*. England: BioMed Central; 2015;14:15.
37. Kilian A, Balayo C, Feldman M, **Koenker H**, Lokko K, Ashton RA, et al. The Effect of Single or Repeated Home Visits on the Hanging and Use of Insecticide-Treated Mosquito Nets following a Mass Distribution Campaign - A Cluster Randomized, Controlled Trial. *PLOS ONE*. United States; 2015;10:e0119078.
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39. Monroe A, Asamoah O, Lam Y, **Koenker H**, Psychas P, Lynch M, et al. Outdoor-sleeping and other night-time activities in northern Ghana: implications for residual transmission and malaria prevention. *Malaria Journal*. 2015;14:35.
40. Monroe A, Asamoah O, Lam Y, **Koenker H**, Psychas P, Lynch M, et al. Outdoor-sleeping and other night-time activities in northern Ghana: implications for residual transmission and malaria prevention. *Malaria Journal*. 2015;14:35–3.
41. **Koenker H**, Keating J, Alilio M, Acosta A, Lynch M, Nafo-Traoré F. Strategic roles for behaviour change communication in a changing malaria landscape. *Malaria Journal*. BioMed Central; 2014;13:1.
42. **Koenker H**, Kilian A, Zegers de Beyl C, Onyefunafoa EO, Selby RA, Abeku T, et al. What happens to lost nets: a multi-country analysis of reasons for LLIN attrition using 14 household surveys in four countries. *Malaria Journal*. England: BioMed Central; 2014;13:464.

43. Berthe S, Loll D, Faye SL, Wone I, **Koenker H**, Arnold B, et al. "When I sleep under the net, nothing bothers me; I sleep well and I'm happy": Senegal's culture of net use and how inconveniences to net use do not translate to net abandonment. *Malaria Journal*. BioMed Central; 2014;13:357.
01 **Koenker H**, Kilian A. Recalculating the Net Use Gap: A Multi-Country Comparison of ITN Use versus ITN Access. Gattton ML, editor. *PLOS ONE*. 2014;9:e97496.
44. Hunter GC, Scandurra L, Acosta A, **Koenker H**, Obi E, Weber R. "We are supposed to take care of it": a qualitative examination of care and repair behaviour of long-lasting, insecticide-treated nets in Nasarawa State, Nigeria. *Malaria Journal*. 2014;13:320.
45. Boulay M, Lynch M, **Koenker H**. Comparing two approaches for estimating the causal effect of behaviour-change communication messages promoting insecticide-treated bed nets: an analysis of the 2010 Zambia malaria indicator survey. *Malaria Journal*. England: BioMed Central; 2014;13:342.
46. Loll DK, Berthe S, Faye SL, Wone I, Arnold B, **Koenker H**, et al. "You need to take care of it like you take care of your soul": perceptions and behaviours related to mosquito net damage, care, and repair in Senegal. *Malaria Journal*. 2014;13:322.
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48. Scandurra L, Acosta A, **Koenker H**, Kibuuka D, Harvey S. "It is about how the net looks": a qualitative study of perceptions and practices related to mosquito net care and repair in two districts in eastern Uganda. *Malaria Journal*. 2014;13:504.
49. Leonard L, Diop S, Doumbia S, Sadou A, Mihigo J, **Koenker H**, et al. Net use, care and repair practices following a universal distribution campaign in Mali. *Malaria Journal*. 2014;13:435.
50. **Koenker HM**, Yukich JO, Mkindi A, Mandike R, Brown N, Kilian A, et al. Analysing and recommending options for maintaining universal coverage with long-lasting insecticidal nets: the case of Tanzania in 2011. *Malaria Journal*. England: BioMed Central; 2013;12:150.
51. **Koenker HM**, Loll D, Rweyemamu D, Ali AS. A good night's sleep and the habit of net use: perceptions of risk and reasons for bed net use in Bukoba and Zanzibar. *Malar J*. England: BioMed Central; 2013;12:203.
52. Kaufman M, Tsang S, Ainslie R, Lyles E, Mlangwa S, Kamala B, **Koenker H** et al. *The Impact of Community Change Agents on Malaria Treatment and Prevention in Tanzania*. Baltimore: JHUCCP; 2013.
53. Kilian A, **Koenker H**, Paintain L. Estimating population access to insecticide-treated nets from administrative data: correction factor is needed. *Malar J*. England: BioMed Central; 2013;12:259.
54. Kilian A, **Koenker H**, Baba E, Onyefunafua EO, Selby RA, Lokko K, et al. Universal coverage with insecticide-treated nets – applying the revised indicators for ownership and use to the Nigeria 2010 malaria indicator survey data. *Malaria Journal*. 2013;12:314.
55. Loll DK, Berthe S, Faye S, Wone I, **Koenker H**, Arnold B, et al. User-determined end of net life in Senegal: a qualitative assessment of decision-making related to the retirement of expired nets. *Malaria Journal*. 2013;12:337.

56. de Savigny D, Webster J, Agyepong IA, Mwita A, Bart-Plange C, Baffoe-Wilmot A, **Koenker H** et al. Introducing vouchers for malaria prevention in Ghana and Tanzania: context and adoption of innovation in health systems. *Health Policy Plan.* 2012;27 Suppl 4:iv32–43.
57. **Koenker H**, Muñoz B, Boulay M, Mkocho H, Levens J, West SK, et al. Trends in weekly reported net use by children during and after rainy season in central Tanzania. *Malaria Journal. BioMed Central*; 2012;11:218.
58. Kaufman MR, Rweyemamu D, **Koenker H**, Macha J. “My children and I will no longer suffer from malaria”: a qualitative study of the acceptance and rejection of indoor residual spraying to prevent malaria in Tanzania. *Malaria Journal. England*; 2012;11:220.
59. Kilian A, Boulay M, **Koenker H**, Lynch M. How many mosquito nets are needed to achieve universal coverage? Recommendations for the quantification and allocation of long-lasting insecticidal nets for mass campaigns. *Malaria Journal. BioMed Central*; 2010;9:330.

Areas of Expertise: