

Technical Review Panel Member

Curriculum Vitae

Name: Laurence Slutsker
 Nationality: United States of America
 Additional languages: French (moderately fluent)
 Expertise: Malaria

Qualifications

Qualification	Institution	Department	Year
MPH	University of California Berkley	School of Public Health	1991
MD	Case Western Reserve University	School of Medicine	1982
BS	University of Michigan	College of Literature, Science and Arts	1973

Employment History

Employer	Position	Place	Year
PATH	Sr Technical Advisor, Malaria & NTDs Program	Seattle, WA	2019-Present
PATH	Director, Malaria & NTDs	Seattle, WA	2016-2019
Centers for Disease Control, Center for Global Health	Director, Division of Parasitic Diseases and Malaria Center for Global Health	Atlanta, GA	2012-2014
Centers for Disease Control, Center for Global Health	Associate Director, Science Center for Global Health Centers for Disease Control and Prevention	Atlanta, GA	2012-2012
Centers for Disease Control, National Center for Infectious Diseases	Chief, Malaria Branch Division of Parasitic Diseases	Atlanta, GA	2005-2010
Centers for Disease Control	Director, CDC/Kenya Medical Research Institute Field Station	Kisumu, Kenya	2001-2005

Relevant Publications

Selected Publications in Malaria: (>240 publications, partial list)

1. **Slutsker L**, Bremen JG, Campbell CC. Strategies for control of malaria in Africa. **Lancet** 1988;2:283.
2. **Slutsker L**, Khoromana CO, Payne D, Allen CR, Wirima JJ, Heymann DL, Patchen L, Steketee RW. Mefloquine therapy for Plasmodium falciparum malaria in under 5 years old in Malawi. **Bull WHO** 1990;68:53-59.
3. **Slutsker L**, Chitsulo L, Macheso A, Steketee RW. Treatment of malaria fever episodes among children in Malawi: results of a KAP survey. **Trop Med Para** 1994;45:61-64.
4. **Slutsker L**, Taylor TE, Wirima JJ, Steketee RW. In hospital morbidity and mortality due to malaria-associated severe anemia in two areas in Malawi with different patterns of malaria infection. **Trans R Soc Trop Med Hyg** 1994;88:548-551.
5. **Slutsker L**, Khoromana CO, Hightower AW, Macheso A, Wirima JJ, Breman JG, Heymann DL, Steketee RW. Malaria infection in infancy in Malawi. **Am J Trop Med Hyg** 1996;55 (suppl):71-76.
6. **Slutsker L**, Bloland P., Steketee RW, Wirima JJ, Heymann DL, Breman JG. Infant and second year mortality in rural Malawi: causes and descriptive epidemiology. **Am J Trop Med Hyg** 1996;55 (suppl):77-81.
7. Bloland P, **Slutsker L**, Steketee RW, Wirima JJ, Heymann DL, Breman JG. Rates and risk factors for mortality during the first two years of life in rural Malawi. **Am J Trop Med Hyg** 1996;55 (suppl):82-86.
8. Lindblade KA, Eisele TP, Gimign JE, Alaii JA, Odhiambo F, ter Kuile FO, Hawley WA, Wannemuehler KA, Phillips Howard PA, Rosen DH, Nahlen BL, Terlouw, DJ, Adazu K, Vulule JM, **Slutsker L**. Sustained reductions in malaria transmission and child mortality in western Kenya for up to 6 years through use of insecticide treated bednets. **JAMA** 2004;291:2571-80
9. Lindblade K, Dotson E, Hawley WA, Bayoh N, Williamson J, Mount D, Olang G, Vulule J, **Slutsker L**, Gimign J. Evaluation of long-lasting insecticide treated bed nets after 2 years of household use. **Trop Med Int Hlth** 2005;10:1141-1150
10. Eisele TP, Lindblade KA, Wannemuehler KA, Gimign, JE, Odhiambo F, Hawley WA, Ter Kuile FO, Phillips-Howard P, Rosen DH, Nahlen BL, Vulule JM, **Slutsker L**. Effect of sustained insecticide-treated bednet coverage on all-cause child mortality in an area of intense perennial malaria transmission in western Kenya **Am J Trop Med Hyg** 2005; 73:149-56
11. Adazu K, Lindblade KA, Rosen DH, Odhiambo F, Ofware P, Kwach J, van Eijk A, De Cock KM, Amornkul P, Karanja D, Vulule JM, **Slutsker L**. Health and demographic surveillance in rural western Kenya: A platform for evaluating interventions to reduce morbidity and mortality from infectious diseases. **Am J Trop Med Hyg** 2005 Dec;73(6):1151-1158
12. Lindblade KA, Gimign JE, Kamau L, Hawley WA, Odhiambo F, Olang G, ter Kuile FO, Vulule JM, and **Slutsker L**. Impact of sustained use of insecticide-treated bednets on malaria vector species distribution and Culicine mosquitoes. **J Med Entomol** 2006; 43: 428-432
13. McCollum AM, Poe AC, Hamel M, Huber C, Zhou Z, Shi YP, Ouma P, Vulule J, Bloland P, **Slutsker L**, Barnwell J, Udhayakumar V, Escalante A. Antifolate resistance in *Plasmodium falciparum*: multiple origins and identification of novel *dhfr* alleles **J Infect Dis** 2006;194:189-97
14. Brooks JT, Ochieng JB, Kumar L, Okoth G, Shapiro RL, Wells JG, Bird M, Bopp C, Chege W, Beatty ME, Chiller T, Vulule JM, Mintz E, **Slutsker L**. Surveillance for bacterial diarrhea and antimicrobial resistance in rural western Kenya, 1997-2003 **Clin Infect Dis** 2006;43:393-401
15. Kachur SP, **Slutsker L**. Measuring malaria drug efficacy and transmission intensity. **Lancet** 2006;368:10-12
16. Shah S, Smith EE, Obonyo CO, Kain KC, Bloland PB, **Slutsker L**, Hamel MJ. HIV immunosuppression and antimalarial efficacy: sulfadoxine-pyrimethamine for the treatment of uncomplicated malaria in HIV-infected adults in Siaya, Kenya **J Infect Dis** 2006;194:1519-28
17. Hamel MJ, Poe A, Bloland P, McCollum A, Zhou Z, Shi YP, Ouma P, Otieno K, Vulule J, Escalante A, Udhayakumar V, **Slutsker L**. Dihydrofolate reductase I164L mutations in *Plasmodium falciparum* isolates: clinical outcome of 14 Kenyan adults infected with parasites harbouring the I164L mutation. **Trans R Soc Trop Med Hyg**. 2008;102:338-45.
18. Ouma P, van Eijk AM, Hamel MJ, Parise M, Ayisi JG, Otieno K, Kager PA, **Slutsker L**. Malaria and anaemia among pregnant women at first antenatal clinic visit in Kisumu, western Kenya. **Trop Med Int Health**. 2007;12:1515-23
19. Lindblade KA, Hamel MJ, Feikin DR, Odhiambo F, Adazu K, Williamson J, Vulule JM, **Slutsker L**. Mortality of sick children after outpatient treatment at first-level health facilities in rural western Kenya. **Trop Med Int Health**. 2007;12:1258-68
20. van Eijk AM, Lindblade KA, Odhiambo F, Peterson E, Sikuku E, Ayisi JG, Ouma P, Rosen DH, **Slutsker L**. Reproductive health issues in rural Western Kenya. **Reproductive Health** 2008; 5:1
21. Skarbinski J, Ouma PO, Causer LM, Kariuki SK, Barnwell JW, Alaii JA, de Oliveira AM, Zurovac D, Larson BA, Snow RW, Rowe AK, Laserson KF, Akhwale WS, **Slutsker L**, Hamel MJ. Effect of malaria rapid diagnostic tests on the management of uncomplicated malaria with artemether-lumefantrine in Kenya: a cluster randomized trial. **Am J Trop Med Hyg**. 2009 Jun;80(6):919-26.
22. de Oliveira AM, Skarbinski J, Ouma PO, Kariuki S, Barnwell JW, Otieno K, Onyona P, Causer LM, Laserson KF, Akhwale WS, **Slutsker L**, Hamel M. Performance of malaria rapid diagnostic tests as part of routine malaria case management in Kenya. **Am J Trop Med Hyg**. 2009 80:470-4

23. van Eijk AM, Ouma PO, Williamson J, Ter Kuile FO, Parise M, Otieno K, Hamel MJ, Ayisi JG, Kariuki S, Kager PA, **Slutsker L**. Plasma folate level and high-dose folate supplementation predict sulfadoxine-pyrimethamine treatment failure in pregnant women in Western Kenya who have uncomplicated malaria. **J Infect Dis**. 2008; 198:1550-3
24. van Eijk AM, Lindblade KA, Odhiambo F, Peterson E, Rosen DH, Karanja D, Ayisi JG, Shi YP, Adazu K, **Slutsker L**. Geohelminth infections among pregnant women in rural western Kenya; a cross-sectional study. **PLoS Negl Trop Dis**. 2009;3:e370.
25. Hwang J, McClintock S, Kachur SP, **Slutsker L**, Arguin P. Comparison of national malaria surveillance system with the national notifiable diseases surveillance system in the United States. **J Public Health Manag Pract**. 2009 Jul-Aug;15(4):345-51
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27. Bell CE, **Slutsker L**, Beach RF, Foster SO, Jimenez G, Sarmiento ME. Malaria control in the municipality of San Esteban, Honduras. **Rev Panam Salud Publica**. 2009 Mar;25(3):213-7.
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30. Rowe AK, Kachur SP, Yoon SS, Lynch M, **Slutsker L**, Steketee RW. Caution is required when using health facility-based data to evaluate the health impact of malaria control efforts in Africa. **Malar J**. 2009; 3:8:209
31. van Eijk AM, Brooks JT, Adcock PM, Garrett V, Eberhard M, Rosen DH, Ayisi JG, Ochieng JB, Kumar L, Gentsch JR, Nahlen BL, Mintz ED, **Slutsker L**. Diarrhea in children less than two years of age with known HIV status in Kisumu, Kenya. **Int J Infect Dis**. 2009; Aug 5, Epub
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33. Aponte JJ, Schellenberg D, Egan A, Breckenridge A, Carneiro I, Critchley J, Danquah I, Dodoo A, Kobbe R, Lell B, May J, Premji Z, Sanz S, Sevene E, Soulaymani-Bècheikh R, Winstanley P, Adjei S, Anemana S, Chandramohan D, Issifou S, Mockenhaupt F, Owusu-Agyei S, Greenwood B, Grobusch MP, Kremsner PG, Macete E, Mshinda H, Newman RD, **Slutsker L**, Tanner M, Alonso P, Menendez C. Efficacy and safety of intermittent preventive treatment with sulfadoxine-pyrimethamine for malaria in African infants: a pooled analysis of six randomised, placebo-controlled trials. **Lancet**. 2009; 374:1533-42
34. Gimnig JE, **Slutsker L**. House screening for malaria control. **Lancet**. 2009;374:954-5
35. Ouma PO, van Eijk AM, Hamel MJ, Sikuku ES, Odhiambo FO, Munguti KM, Ayisi JG, Crawford SB, Kager PA, **Slutsker L**. Antenatal and delivery care in rural western Kenya: the effect of training health care workers to provide "focused antenatal care". **Reprod Health**. 2010;29(7):1
36. Ombok M, Adazu K, Odhiambo F, Bayoh N, Kiriinya R, **Slutsker L**, Hamel MJ, Williamson J, Hightower A, Laserson KF, Feikin DR. Geospatial distribution and determinants of child mortality in rural western Kenya 2002-2005. **Trop Med Int Health**. 2010 ;15(4):423-33.
37. Kachur SP, MacArthur JR, **Slutsker L**. A call to action: addressing the challenge of artemisinin-resistant malaria. **Expert Rev Anti Infect Ther**. 2010;8:365-6
38. Odhiambo FO, Hamel MJ, Williamson J, Lindblade K, ter Kuile FO, Peterson E, Otieno P, Kariuki S, Vulule J, **Slutsker L**, Newman RD. Intermittent preventive treatment in infants for the prevention of malaria in rural Western Kenya: a randomized, double-blind placebo-controlled trial **PLoS One**. 2010;5(4):e10016
39. Zhang L, Prather D, Eng JV, Crawford S, Kariuki S, ter Kuile F, Terlouw D, Nahlen B, Lal AA, **Slutsker L**, Udhayakumar V, Shi YP. Polymorphisms in genes of interleukin 12 and its receptors and their association with protection against severe malarial anaemia in children in western Kenya. **Malar J**. 2010 Mar 29;9:87.
40. Siri JG, Wilson ML, Murray S, Rosen DH, Vulule JM, **Slutsker L**, Lindblade KA. Significance of travel to rural areas as a risk factor for malarial anaemia in an urban setting. **Am J Trop Med Hyg**. 2010;;82(3):391-7.
41. Vanden Eng JL, Thwing J, Wolkon A, Kulkarni MA, Manya A, Erskine M, Hightower A, **Slutsker L**. Assessing bed net use and non-use after long-lasting insecticidal net distribution: a simple framework to guide programmatic strategies. **Malar J**. 2010; 18;9(1):133. [Epub ahead of print]
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43. Beatty ME, Ochieng JB, Chege W, Kumar L, Okoth G, Shapiro RL, Wells JG, Parsons MB, Bopp C, Chiller T, Vulule J, Mintz E, **Slutsker L**, Brooks JT. Sporadic paediatric diarrhoeal illness in urban and rural sites in Nyanza Province, Kenya. **East Afr Med J**. 2009;86(8):387-98.
44. Conteh L, Sicuri E, Manzi F, Hutton G, Obonyo B, Tediosi F, Biao P, Masika P, Matovu F, Otieno P, Gosling

- [RD](#), [Hamel M](#), [Odhiambo FO](#), [Grobusch MP](#), [Kremsner PG](#), [Chandramohan D](#), [Aponte JJ](#), [Egan A](#), [Schellenberg D](#), [Macete E](#), [Slutsker L](#), [Newman RD](#), [Alonso P](#), [Menéndez C](#), [Tanner M](#). The cost-effectiveness of intermittent preventive treatment for malaria in infants in Sub-Saharan Africa. [PLoS One](#). 2010;15;5(6):e10313
45. Gatei W, Kariuki S, Hawley W, Ter Kuile F, Terlouw D, Phillips-Howard P, Nahlen B, Gimnig J, Lindblade K, Walker E, Hamel M, Crawford S, Williamson J, [Slutsker L](#), Shi YP. Effects of transmission reduction by insecticide-treated bed nets (ITNs) on parasite genetics population structure: I. The genetic diversity of Plasmodium falciparum parasites by microsatellite markers in western Kenya. [Malar J](#). 2010;6::353. [Epub]
 46. [Wolkon A](#), [Vanden Eng JL](#), [Morgah K](#), [Eliades MJ](#), [Thwing J](#), [Terlouw DJ](#), [Takpa V](#), [Dare A](#), [Sodahlon YK](#), [Doumanou Y](#), [Hightower AW](#), [Lama M](#), [Thawani N](#), [Slutsker L](#), [Hawley WA](#). Rapid scale-up of long-lasting insecticide-treated bed nets through integration into the national immunization program during child health week in Togo, 2004. [Am J Trop Med Hyg](#). 2010;83:1014-9.
 47. [Moonen B](#), [Cohen JM](#), [Snow RW](#), [Slutsker L](#), [Drakeley C](#), [Smith DL](#), [Abeyasinghe RR](#), [Rodriguez MH](#), [Maharaj R](#), [Tanner M](#), [Targett G](#). Operational strategies to achieve and maintain malaria elimination. [Lancet](#). 2010;376:1592-603. Epub 2010 Oct 28.
 48. [Alam MT](#), [Vinayak S](#), [Congpuong K](#), [Wongsrichanalai C](#), [Satimai W](#), [Slutsker L](#), [Escalante AA](#), [Barnwell JW](#), [Udhayakumar V](#). Tracking origins and spread of sulfadoxine-resistant Plasmodium falciparum dhps alleles in Thailand. [Antimicrob Agents Chemother](#). 2010 Oct 18. [Epub]
 49. [Alam MT](#), [de Souza DK](#), [Vinayak S](#), [Griffing SM](#), [Poe AC](#), [Duah NO](#), [Ghansah A](#), [Asamoah K](#), [Slutsker L](#), [Wilson MD](#), [Barnwell JW](#), [Udhayakumar V](#), [Koram KA](#). Selective Sweeps and Genetic Lineages of Plasmodium falciparum Drug -Resistant Alleles in Ghana. [J Infect Dis](#). 2011 203:220-7.
 50. [Dubois AE](#), [Crump JA](#), [Keswick BH](#), [Slutsker L](#), [Quick RE](#), [Vulule JM](#), [Luby SP](#). Determinants of Use of Household-level Water Chlorination Products in Rural Kenya, 2003-2005. [Int J Environ Res Public Health](#). 2010; 7:3842-52.
 51. [Gutman J](#), [Slutsker L](#). Malaria control in pregnancy: still a long way to go. [Lancet Infect Dis](#). 2011; Jan 25. [Epub ahead of print]
 52. [Thomas TK](#), [Masaba R](#), [Borkowf CB](#), [Ndivo R](#), [Zeh C](#), [Misore A](#), [Otieno J](#), [Jamieson D](#), [Thigpen MC](#), [Bulterys M](#), [Slutsker L](#), [De Cock KM](#), [Amornkul PN](#), [Greenberg AE](#), [Fowler MG](#); for the KiBS Study Team. Triple-Antiretroviral Prophylaxis to Prevent Mother-To-Child HIV Transmission through Breastfeeding-The Kisumu Breastfeeding Study, Kenya: A Clinical Trial. [PLoS Med](#). 2011 8:e1001015.
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