Publications

Google Scholar Page

In Revision

- **Brook CE**. In Revision. A batty concept goes viral. Nature Ecology & Evolution.
- **Brook CE**, Boots M, Chandran KC, Dobson AP, Drosten C, Graham AL, Grenfell BT, Müller MA, Ng M, Wang L-F, and van Leeuwen A. In Revision. Within-host dynamics of virulent viruses in bat reservoirs for emerging zoonotic disease. eLife. doi (preprint): 10.1101/696195.

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- Guth S, Visher E, Boots M, and **Brook CE.** 2019. Host phylogenetic distance drives trends in virus virulence and transmissibility across the animal-human interface. Philosophical Transactions of the Royal Society. 374(1782): 20190296. doi: 10.1098/rstb.2019.0296.
- **Brook CE**, Ranaivoson HC, Broder CC, Cunningham AA, Héraud JM, Peel AJ, Gibson L, Wood JLN, Metcalf CJE*, and Dobson AP*. 2019. Disentangling serology to elucidate henipa- and filovirus transmission in Madagascar fruit bats. Journal of Animal Ecology. doi: 10.1111/1365-2656.12985. *=equal senior contributions. *Profiled in JAE blog here.*
- **Brook CE**, Ranaivoson HC, Andriafidison D, Ralisata M, Razafimanahaka J, Héraud JM, Dobson AP, and Metcalf CJE. 2019. Population trends for two Malagasy fruit bats. Biological Conservation. 234: 165-171. doi: 10.1016/j.biocon.2019.03.032.
- Ranaivoson HC, Héraud JM, Goethert HK, Telford SR, Rabetafika L* and **Brook CE***. Babesial infection in the Madagascan flying fox, *Pteropus rufus* É. Geoffroy, 1803. 2019. Parasites & Vectors. 12(51): 1307101933. doi: 10.1186/s13071-019-3300-7. *=equal senior contributions

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- **Brook CE**, Bai Y, Yu EO, Ranaivoson HC, Shin H, Dobson AP, Metcalf CJE*, Kosoy MY* and Dittmar K*. 2017. Elucidating transmission dynamics and host-parasite-vector relationships for rodent-borne *Bartonella* spp. in Madagascar. Epidemics 20:56-66. *= equal senior contributions doi: 10.1016/j.epidem.2017.03.004.

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- Wesolowski A*, Mensah K*, **Brook CE***, Andrianjafimasy M, Winter A, Buckee CO, Razafindratsimendresy R, Tatem AJ, Heraud J-M**, and Metcalf CJE. 2016**. Introduction of Rubella-Containing-Vaccine to Madagascar: Implications for roll-out and local elimination across low-income countries. Journal of the Royal Society Interface. 13(177): 20151101. * = equal lead contributions; **=equal senior contributions. doi: 10.1098/rsif.2015.110.

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