

PUBLICATIONS

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19. Kehoe SI[†], **Dill-McFarland KA**, Breaker JD, Suen G. 2019. Effects of corn silage inclusion in preweaning calf diets. *J Dairy Sci* 102(5): 4131-37. doi: [10.3168/jds.2018-15799](https://doi.org/10.3168/jds.2018-15799)
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17. **Dill-McFarland KA**^{*}, Tang Z^{*}, Kemis JH, Kerby RL, Chen G, Palloni A, Sorenson T, Rey FE[†], Herd P[†]. 2019. Close social relationships correlate with human gut microbiota composition. *Sci Rep* 9: 703. doi: [10.1038/s41598-018-37298-9](https://doi.org/10.1038/s41598-018-37298-9)
16. **Dill-McFarland KA**, Weimer PJ, Breaker JD, Suen G. 2019. Diet influences early microbiota development in dairy calves without long-term impacts on milk production. *Appl Environ Microbiol* 85(2): e02141-18. doi: [10.1128/AEM.02141-18](https://doi.org/10.1128/AEM.02141-18)
15. De Wolfe TJ, Eggers S, Barker AK, Kates A, **Dill-McFarland KA**, Suen G, Safdar N. 2018. Oral probiotic combination of *Lactobacillus* and *Bifidobacterium* alters the gastrointestinal microbiota during antibiotic treatment for *Clostridium difficile* infection. *PLoS One* 13(9): e0204253. doi: [10.1371/journal.pone.0204253](https://doi.org/10.1371/journal.pone.0204253)
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13. Romano KA, **Dill-McFarland KA**, Kasahara K, Kerby RL, Vivas EI, Amador-Noguez D, Herd P, Rey FE. 2018. Fecal Aliquot Straw Technique (FAST) allows for easy and reproducible subsampling: Assessing interpersonal variation in trimethylamine-*N*-oxide (TMAO) accumulation. *Microbiome* 6(1): 91. doi: [10.1186/s40168-018-0458-8](https://doi.org/10.1186/s40168-018-0458-8)
12. Dias J, Marcondes MI, de Souza SM, da Mata BC, Noronha MF, Resende RT, Machado FS, Mantovani HC, **Dill-McFarland KA**[†], Suen G[†]. 2018. Bacterial community dynamics across the gastrointestinal tracts of dairy calves during preweaning development. *Appl Environ Microbiol* 84(9): e02675-17. doi: [10.1128/AEM.02675-17](https://doi.org/10.1128/AEM.02675-17)
11. Williams CL, **Dill-McFarland KA**, Sparks DL, Kouba AJ, Willard ST, Suen G, Brown AE. 2018. Dietary changes during weaning shape the gut microbiota of red pandas (*Ailurus fulgens*). *Conserv Physiol* 6(1): cox075. doi: [10.1093/conphys/cox075](https://doi.org/10.1093/conphys/cox075)
10. Cunha CS, Veloso CM, Marcondes MI, Mantovani HC, Tomich TR, Pereira LGR, Ferreira MF, **Dill-McFarland KA**[†], Suen G[†]. 2017. Assessing the impact of rumen microbial communities on methane emissions and production traits in Holstein cows in a tropical climate. *Syst Appl Microbiol* 40(8): 492-99. doi: [10.1016/j.syapm.2017.07.008](https://doi.org/10.1016/j.syapm.2017.07.008)
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7. Dias J, Marcondes MI, Noronha MF, Resende RT, Machado FS, Mantovani HC, **Dill-McFarland KA**[†], Suen G[†]. 2017. Effect of pre-weaning diet on the ruminal archaeal, bacterial, and fungal diversity of dairy calves. *Front Microbiol* 8: 1553. doi: [10.3389/fmicb.2017.01553](https://doi.org/10.3389/fmicb.2017.01553)

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1. **Dill-McFarland KA**, Neil KL, Zeng A, Sprenger RJ, Kurtz CC, Suen G†, Carey HV†. 2014. Hibernation alters diversity & composition of mucosa-associated bacteria while enhancing antimicrobial defence in the gut of 13-lined ground squirrels. *Mol Ecol* 23(18): 4658-69. doi: [10.1111/mec.12884](https://doi.org/10.1111/mec.12884)