

INVITED TALKS*Teaching*

Dill-McFarland KA. 2018. Experiential Data science for Undergraduate Cross-disciplinary Education (EDUCE). Jupyter Day at U. of British Columbia, Vancouver, BC, Canada

Dill-McFarland KA, Beni JW, Hallam S. 2017. Experiential Data science for Undergraduate Cross-disciplinary Education (EDUCE). U. of British Columbia Teaching with Technology Showcase. Vancouver, BC, Canada.

Dill-McFarland KA, Rey FE, Herd P. 2017. Early- vs. late-life determinants of the human gut microbiota. U. of Wisconsin System's postdoctoral seminar series through NSF ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers. Oshkosh, WI, USA.

Dill-McFarland KA, Cary T, Jakuba C, Jenkins K. 2016. "Exploring Biology" freshmen interest group as a high-impact practice for retaining students in STEM. Center for the Integration of Research, Teaching, and Learning (CIRTL) at U. of California, San Diego. La Jolla, CA, USA

Dill-McFarland KA, Weimer PJ, Pauli JN, Peery MZ, Suen G. 2016. Gut microflora of two- and three-toed sloths. Participatory Learning and Teaching Organization (PLATO) Frontiers in Life Sciences. Madison, WI, USA

Research

Dill-McFarland KA, Herd P, Rey FE. 2017. Social interactions and the human gut microbiota. Population Health Sciences at U. of Wisconsin-Madison, Madison, WI, USA.

Dill-McFarland KA, Herd P, Rey FE. 2016. Early- vs. late-life contributions to the human gut microbiota. Biological Sciences at U. of California, San Diego. La Jolla, CA, USA.

Dill-McFarland KA, Pauli JN, Peery MZ, Suen G. 2016. Microbe-cycling between tree sloths and their symbiotic moths. San Diego Zoo: Institute for Conservation Research Seminar Series. Escondido, CA, USA.

Dill-McFarland KA, Suen G. 2015. Impact of the ruminal microbiota on development of the pre-ruminant calf. V Simleite (milk) at Universidade Federal de Viçosa, Viçosa, Brazil

Dill-McFarland KA, Pauli JN, Peery MZ, Suen G. 2015. Using mixed amplicon sequencing to investigate tree sloths and their multi-kingdom symbionts. Illumina webinar. Online.

Dill-McFarland KA, Pauli JN, Peery MZ, Weimer PJ, Suen G. 2015. Microbe-cycling in tree sloths facilitated by pyralid moths. American Society for Microbiology (ASM) General Meeting. New Orleans, LA, USA

Dill-McFarland KA, Weimer PJ, Pauli JN, Peery MZ, Suen G. 2015. The herbivore microbiome. Microbiology Doctoral Training Program Seminar Series at U. of Wisconsin-Madison, Madison, WI, USA

Dill-McFarland KA, Break JD, Suen G. 2013. The dairy calf gut microbiome. Microbiology Doctoral Training Program Seminar Series at U. of Wisconsin-Madison, Madison, WI, USA

Dill-McFarland KA, Martin MO. 2011. BD2194 and BD2195 as possible regulators of *malA* in the predatory bacterium, *Bdellovibrio bacteriovorus*. Phi Sigma Undergraduate Research Symposium at U. of Puget Sound, Tacoma, WA, USA

Dill-McFarland KA, Martin MO. 2010. BD2194 and BD2195 as regulators of *malA* in the predatory bacterium, *Bdellovibrio bacteriovorus*. West Coast Bacterial Physiologists Annual Meeting. Pacific Grove, CA, USA

POSTER PRESENTATIONS*Teaching*

Dill-McFarland KA, Beni JW, Hallam SJ. 2018. Flexible and progressive undergraduate data science education. American Society for Microbiology (ASM) Microbe Meeting. Atlanta, GA, USA.

Dill-McFarland KA, Hallam SJ. 2018. EDUCE: Experiential Data science for Undergraduate Cross-disciplinary Education. U. of British Columbia Teaching Learning Enhancement Fund (TLEF) Showcase. Vancouver, BC, Canada.

Dill-McFarland KA, Beni JW, Hallam SJ. 2017. Experiential Data science for Undergraduate Cross-disciplinary Education (EDUCE). U. of British Columbia Teaching with Technology Showcase. Vancouver, BC, Canada.

Dill-McFarland KA, Cary T, Jakuba C, Jenkins K. 2015. "Exploring Biology" FIG: a high-impact practice for retaining students in STEM. Center for the Integration of Research, Teaching, and Learning (CIRTL) National Forum. College Station, TX, USA

Research

Dill-McFarland KA, Herd P, Rey FE. 2017. Relationships and social interactions shape the human gut microbiota. American Society for Microbiology (ASM) General Meeting. New Orleans, LA, USA

Dill-McFarland KA, Kehoe SI, Weimer PJ, Suen G. 2016. Impact of diet on development of the gastrointestinal tract and its associated microbiota in dairy calves. International Society for Microbial Ecology (ISME). Montreal, QC, Canada.

Dill-McFarland KA, Kehoe SI, Weimer PJ, Suen G. 2016. Impact of diet on development of the gastrointestinal tract and its associated microbiota in dairy calves. INRA-Rowett Symposium on Gut Microbiology. Clermont-Ferrand, France

Dill-McFarland KA, Pauli JN, Peery MZ, Weimer PJ, Suen G. 2014. Wild two- and three-toed sloths possess unique gut microbiotas characterized by low diversity and a highly abundant *Neisseria*. International Society for Microbial Ecology (ISME). Seoul, South Korea.

Dill-McFarland KA, Kehoe SI, Suen G. 2014. Diet effects on the dairy cow gut bacterial community from birth to lactation. American Society for Microbiology (ASM) General Meeting. Boston, MA, USA

Dill-McFarland KA, Speich A, Suen G. 2013. Correlating dairy calf health and development to their gut microbial communities while on differing diets. American Society for Microbiology (ASM) General Meeting. Denver, CO, USA

Dill-McFarland KA, Martin MO. 2011. BD2194 and BD2195 as possible regulators of *malA* in the predatory bacterium, *Bdellovibrio bacteriovorus*. American Society for Microbiology (ASM) General Meeting. New Orleans, LA, USA

Dill-McFarland KA, Martin MO. 2010. BD2194 and BD2195 as regulators of *malA* and related genes in the predatory bacterium, *Bdellovibrio bacteriovorus*. Murdock College Science Research Conference. McMinnville, OR, USA

Dill-McFarland KA, Martin MO. 2010. BD2194 and BD2195 as regulators of *malA* and related genes in the predatory bacterium, *Bdellovibrio bacteriovorus*. Puget Sound Fall Research Symposium. Tacoma, WA, USA

Dill-McFarland KA, Martin MO. 2010. Regulation of *malA* and related genes in the predatory bacterium, *Bdellovibrio bacteriovorus*. Summer Meeting of the Pacific Northwest Regional Section of AOAC International. Tacoma, WA, USA [2nd place poster]

Dill-McFarland KA, Martin MO. 2010. Regulation of *malA* and related genes in the predatory bacterium, *Bdellovibrio bacteriovorus*. American Society for Microbiology (ASM) General Meeting. San Diego, CA, USA

Dill-McFarland KA, Martin MO. 2009. Regulation of *malA* and related genes in +maltose, - maltose, attack phase, and intra-periplasmic growth phase of *Bdellovibrio bacteriovorus*. Puget Sound Fall Research Symposium. Tacoma, WA, USA