

**Publications - Wildlife Health Program**  
2017 Summaries of Wildlife Research Findings

- Froberg, T., F. Cuthbert, C. Jennelle, C. Cardona, M. Culhane. 2018. Avian influenza prevalence and viral shedding routes in Minnesota ring-billed gulls (*Larus delawarensis*). *Avian Diseases: in press*.
- Grunenwald, C.M, E. Butler, A. Wünschmann, A.G. Armien, M. Carstensen, E. Hildebrand, R.D. Moon, M.D. Brand, R.W. Gerhold. 2018. Emergence of the arterial worm *Elaeophora schneideri* in moose (*Alces alces*) and tabanid fly vectors in northeastern Minnesota, USA. *Parasites and Vectors: in press*.
- Herberg, A., V. St.-Louis, M. Carstensen, J. Forester, J. Fieberg, D. Thompson, J. Crouse. 2018. Calibration of a rumen bolus to measure continuous internal body temperature in moose. *Wildlife Society Bulletin*: 42(2): 328-337.
- Jennelle, C.S., D.P. Walsh, E.E. Osnas, M.D. Samuel, R. Rolley, J. Langenberg, J.G. Powers, R.J. Monello, E. D. Demarest, R. Gubler, D.M. Heisey. 2018. Applying a Bayesian weighted surveillance approach to detect chronic wasting disease in white-tailed deer. *Journal of Applied Ecology* DOI: 10.1111/1365-2664.13178
- Jensen, W.F., J.R. Smith, M. Carstensen, C.E. Penner, B.M. Hosek, J. J. Maskey, Jr. 2018. Expanding GIS analyses to monitor and assess North American moose distribution and density. *Alces: in press*.
- Minicucci, L., M. Carstensen, J. Crouse, J. Arnemo, A. Evens. 2018. A technique for deployment of rumen bolus transmitters in free-ranging moose (*Alces alces*). *Zoo and Wildlife Medicine* 49(1): 227-230.
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