

TWS FELLOWS PROGRAM

2017 – Katherine Parker



Position: Professor, University of Northern British Columbia

Accomplishments: Dr. Parker studies nutritional and physiological ecology, plant-herbivore interactions, and bioenergetics. She has worked extensively on issues related to ungulate conservation and management in boreal and Arctic ecosystems, on studies ranging from the influence of prescribed fire on ungulates, to protein dynamics in caribou, to effects of linear features on wolf movements. Her work also extends to implications of wildlife management on a broad, landscape scale, such as her large-scale study to understand dynamics of predator-prey systems across the Muskwa-Kechika Management Area of northern British Columbia, for which she has collaborated with other academics and the BC Ministry of the Environment. Dr. Parker teaches extensively, and has supervised many Masters and Ph.D. students. Her publication record is prolific, including a book on wildlife nutrition and numerous journal publications.