

# Available PhD position – Start Fall 2023



## Free-ranging movement and spatial cognition in food-storing corvids

### Project details:

Using state-of-the-art GPS tracking equipment, the selected candidate will examine fine-scale free-ranging movements of Clark's nutcrackers and possibly other food-storing corvids (e.g. Steller's jay) in the sub-alpine and alpine regions of the Canadian Rockies. Alongside GPS tracking, the candidate will perform a series of cognitive tests in field, with a focus on spatial cognition.



### Key points:

- PhD-level stipend provided for 4 years, with the expectation that the candidate will apply for external scholarships (e.g., NSERC, FRQNT).
- Rough fieldwork in sup-alpine and alpine regions of the Canadian Rockies (camping and driving to remote sites)
- Collaborative work with professors:
  - **Mélanie Guigueno** (McGill University – Biology)
  - **Kyle Elliott** (McGill University – Natural Resource Sciences)
  - **Debbie Kelly** (University of Manitoba – Psychology)



**McGill**  
UNIVERSITY



**University**  
of Manitoba

### Requirements:

- Bachelor's (but Master's preferred) in biology, psychology or a related discipline completed by June 2023 or earlier
- Availability to conduct preliminary field work in British Columbia starting August 1, 2023
- Full driver's licence (minimum Class 5)
- Experience conducting field work in difficult settings or travelling to remote areas

*Due to restrictions related to registration, citizens and permanent residents of Canada will be given priority. We highly encourage applications from Indigenous peoples, visible minorities, women, people with disabilities, people of minority sexual orientations and gender identities, and first generation university students.*

Interested candidates, please e-mail your cover letter specific to this position, CV, and all post-secondary transcripts in a single PDF by January 15, 2023 to:

Prof. Mélanie Guigueno  
[melanie.guigueno@mcgill.ca](mailto:melanie.guigueno@mcgill.ca)  
Department of Biology  
McGill University