

2025 ACA Grants in Biodiversity Recipients



Institution	Recipient	Supervisor(s)	Project Title
Ferf Brownoff (MSc)	University of Alberta	Justine Karst	Investigating water acquisition by white spruce in the boreal transition zone and the role of ectomycorrhizal fungi in isotope fractionation
Nadya Citra (MSc)	University of Alberta	Nadir Erbilgin & Jennifer Klutsch	Climate-driven wood degradation: Sources of fungal variation in fire and bark beetle-killed three boreal forest tree species
Jose Correa Ramos (PhD)	University of Alberta	Maya Evenden	The effect of intercropping canola and field pea on beneficial arthropod biodiversity in Alberta agroecosystems
Christie Crews (MSc)	University of Ottawa	Julie Lee-Yaw	Evaluating the long-term effectiveness of amphibian road underpasses: A case study from Waterton Lakes National Park
Iphita Gayen (PhD)	University of Alberta	Kimberley Mathot	Food abundance and caching behaviour in black-capped chickadees (<i>Poecile atricapillus</i>)
Lesa S. Giesbrecht (MSc)	University of Alberta	Carol Frost & Tyler Cobb	Effects of field border type and flower abundance on native bee diversity, movement and survival along highways
Isabelle Lebeuf-Taylor (PhD)	University of Alberta	Erin Bayne	Role of harvest edges in sustaining avian biodiversity across dynamic forest landscapes
Tiffany Pan (PhD)	University of Calgary	John Soghigian	Not all mosquitoes are bloodsuckers: Assessing the western limits of the range of <i>Wyeomyia smithii</i> , the non-biting pitcher plant mosquito
Molly Sharp (PhD)	University of Alberta	Scott Nielsen & Mark Edwards	Influence of bottom-up and top-down factors on seasonal migration and habitat selection of northern wood bison (<i>Bison bison athabasca</i>) population
Brennan Stanfield (MSc)	University of Alberta	Scott Nielsen & Mark Edwards	Revisiting wolf-bison interactions in Wood Buffalo National Park
Jemma Todoschuk (PhD)	University of Lethbridge	Shelley Hoover & Robert Laird	Effects of <i>Vairimorpha ceranae</i> on winter (<i>diutinus</i>) worker honey bee (<i>Apis mellifera</i>) physiology
Myriam Tougas-Dumesnil (PhD)	Université Laval	Sandra Hamel & Steeve Côté	Determinants and consequences of birth phenology on individual fitness in mountain goats
Jasmine Veitch (PhD)	University of Calgary	Jocelyn Poissant	Investigation of microbial transmission at the wildlife-livestock interface: Strain-level insights into the gut microbiome of bighorn sheep
Erik Vilu (MSc)	University of Lethbridge	Cameron Goater & Jenny McCune	Development and evaluation of predictive habitat models for the endangered, endemic land snail, <i>Oreohelix cooperi</i> in Cypress Hills Park, Alberta
Celina Waldron (MSc)	University of Alberta	Rene Belland & Anna Dabros	How low is low-impact? Assessing disturbance severity and edge effects of low-impact seismic lines on bryophyte communities in Alberta's boreal peatlands