



# The Western Skylark CubeSat Project



## About Us

The Western Skylark CubeSat enhances wildlife tracking by collecting space-based data on migratory songbirds, waterbirds, and shorebirds. We provide hands-on training for students in CubeSat construction and operation. Our project contributes to a better understanding of animal movements and supports conservation efforts.



**\$350,000**  
3-year  
project



**Western**  
Institute for Earth  
& Space Exploration



**Western**  
Centre for Animals  
on the Move



## Project Objectives

- Build, launch, and operate The Western Skylark CubeSat.
- Enable near real-time data flow from the Motus and Icarus small animal tracking systems.



- Gather critically important data on migratory songbirds, waterbirds, and shorebirds.
- Provide hands-on training for students in CubeSat construction and operation.
- Foster cross-disciplinary collaborations.

