

# JAKE LAMMI

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## EDUCATION

### St. John's University, MN

GPA 3.5/4.0

Bachelor of Science Biology (Date of Graduation: May 2015)

Minor: Environmental Studies

Study Abroad: Nelson Mandela Metropolitan University, South Africa (Spring 2014)

## WORK EXPERIENCE

### C2AN, dba Diamond Dogs - *Director of Business, Handler*

JAN 2022 - Present

Conduct field studies and assist in the day-to-day administration of the canine program. Lead pilot programs and develop reports assessing performance. Work with on-site investigators and project sponsors to manage project logistics. Select, teach, and provide consultation for new detection teams for use in conservation programs.

### Rogue Detection Teams, WA - *Co-Founder, Director of Operations, Bounder*

JUNE 2019 - NOV 2021

Conducted field studies and assisted in the day-to-day administration of the canine program. Lead pilot programs and developed reports assessing performance. Worked with on-site investigators and project sponsors to manage project logistics. Recruited, taught, and supervised new employees & volunteer field personnel. Selected and taught detection dogs for use in conservation programs.

### Center for Conservation Biology, Univ. of Washington - *Research Scientist II, Dog Handler*

FEB 2017 - JUNE 2019

Dog handler for 10 research projects in remote field locations. Collect and preserve biological samples in addition to managing field data using ODK and GIS mapping software. Train detection dogs on new target odors and maintain detection dogs' health while deployed on projects and while at the training facility.

## DETECTION DOG PROJECTS

### 2024

- **Little Traverse Bay Band of Odawa Indians, Michigan Natural Features Inventory:** MI, 2 weeks - *bat roost sites & team training*
- **Minnesota Department of Natural Resources:** MN, 1 week - *wood turtle*
- **Little Traverse Bay Band of Odawa Indians:** MI, 1 month - *fisher, marten, wolf, blanding turtle, wood turtle, box turtle*
- **Bureau of Land Management:** CO, 2 weeks - *pygmy, great horned, saw-whet, & boreal owl*

### 2022 & 2023

- **Little Traverse Bay Band of Odawa Indians:** MI, 1 month - *fisher, marten, wolf, blanding turtle, wood turtle, box turtle*

### 2021

- **California Department of Fish & Wildlife:** CA, 2 months - *cougar*
- **University of California, Davis:** CA, 1 month - *Sierra Nevada red fox*
- **Washington Tree Research Fruit Commission:** WA, 3 months - *Little Cherry Virus & Western-X disease*
- **Alaska Department of Fish & Game:** AK, 2 months - *bat hibernacula*
- **The University of Minnesota:** MN, 2 weeks - *wolf, cougar, marten, fisher, fox, bobcat, coyote*

## 2020

- **California Department of Fish & Wildlife:** CA, 2 months - *cougar*
- **Yosemite Nature Conservancy:** CA, 4 months - *Sierra Nevada red fox, cougar*
- **University of California, Davis:** CA, 1 month - *Sierra Nevada red fox*
- **Washington Tree Research Fruit Commission:** WA, 3 months - *Little Cherry Virus & Western-X disease*
- **WA Department of Fish & Wildlife:** WA, 1 month - *pygmy rabbit*
- **Washington State Wine Commission:** WA, 2 months - *grapevine leafroll virus*

## 2019

- **California Department of Fish & Wildlife:** CA, 2 months - *cougar*
- **Little Traverse Bay Band of Odawa Indians:** MI, 1 month - *fisher, marten, cougar, wolf*
- **Yosemite Nature Conservancy:** CA, 4 months - *Sierra Nevada red fox, cougar*<sup>4</sup>
- **University of California, Davis:** CA, 1 month - *Sierra Nevada red fox*
- **National Council of Air and Stream Improvement, Katie Moriarty:** OR, 1 month - *Humboldt marten, fisher, cougar, bobcat*
- **Bureau of Land Management & U.S. Geologic Survey:** CA, 2 months - *wind facility mortality assessment*

## 2018

- **US Forest Service, Kings River Fisher Project:** CA, 3 months - *fisher, marten, cougar, bobcat*
- **US Forest Service, Katie Moriarty:** OR, 3 months - *marten, fisher, cougar, bobcat*
- **California Department of Fish & Wildlife:** CA, 6 months - *cougar*

## 2017

- **The University of Washington:** WA, 3 months - *wolf, cougar, black bear, bobcat, coyote, lynx*<sup>1</sup>
- **Cornell University:** NY, 3 months - *moose, black bear, marten, fisher*<sup>2</sup>
- **US Forest Service, Kings River Fisher Project:** CA, 3 months - *fisher, marten, cougar, bobcat*

## ASSOCIATED PUBLICATIONS

1. Shi, Yue & Hoareau, Yves & Reese, Ellen & Wasser, Samuel. (2021). Prey partitioning between sympatric wild carnivores revealed by DNA metabarcoding: a case study on wolf (*Canis lupus*) and coyote (*Canis latrans*) in northeastern Washington. *Conservation Genetics*. 22. 10.1007/s10592-021-01337-2.
2. Wong, A. (2018) Methodologies for abundance estimation of moose (*Alces alces*) and other rare species. [Master of Science, Cornell University] Cornell University Library <https://ecommons.cornell.edu/handle/1813/64919>
3. Predicted distribution of a rare and understudied forest carnivore: Humboldt martens (*Martes caurina humboldtensis*) Katie Moriarty, Joel Thompson, Matthew Delheimer, Brent Barry, Mark Linnell, Taal Levi, Keith Hamm, Desiree Early, Holly Gamblin, Micaela Szykman Gunther, Jordan Ellison, Janet S. Prev  y, Jennifer Hartman, Ray Davis
4. <https://storymaps.arcgis.com/stories/3e36ebd9b63d4489b2254c94617887de>
5. <https://treefruitresearch.org/report/canine-detection-of-western-x-disease-in-controlled-and-field-settings/>

## EXTENSION & EDUCATION PRESENTATIONS

**2022 - Detection Dog Teams on Wind Facilities and Talus Slopes-** Colorado Bat Group,

**2021 - Detection Dog Teams in the Agricultural Industry** - National Association for Invasive Species Management Association,

**2020 - Canine Detection of Grape Leafroll Virus -**

**2017 - The Use of Detection Dogs for Conservation,** North East Washington Education Program - 1 week duration