

# (Working Title) Formal Report: The Development of a Coyote Tracking App For UBC Point Grey Campus

Formal Report Draft (So far)

In this formal report, I will be outlining how a coyote-tracking app could help safeguard people on campus against coyote aggression. Since the pandemic, there has been an uptick in coyote sightings around the UBC Point Grey campus. Due to these coyotes' heavy exposure to people, these coyotes have become habituated and "used" to people, not scared of them. This can trigger unprovoked aggression by coyotes, as seen in the example of Stanley Park.

Due to this increased movement of coyotes around campus, it is in the best interest of those living on campus to have access to a coyote-tracking app, which individuals can contribute their sightings to, helping alert others if a coyote or coyotes are currently nearby.

This app would rely on having a large enough user base willing to contribute their coyote sightings to the database. It would also need to grow a large enough user base to be practical in terms of warning people about coyotes near them. However, with the dangers posed by coyotes particularly to young children, demand would likely be high for an up-to-date warning service like an easily-downloadable app.

At present, the Park Rangers of Pacific Spirit Park have put up signs on trailheads warning trail-users of coyotes in the park – there is even a sign at the Wreck Beach stairs warning of a "coyote

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habituated to people in the area.” However, these signs are ineffective at warning people of coyotes’ up-to-date movements. If a coyote sighting was within a certain radius of your phone’s location, you could get an alert to your phone in real-time.

Such an app would rely on its users posting soon after their sighting, in order to be most effective.