

#### Humboldt Penguin Swimming Behaviors in Captivity

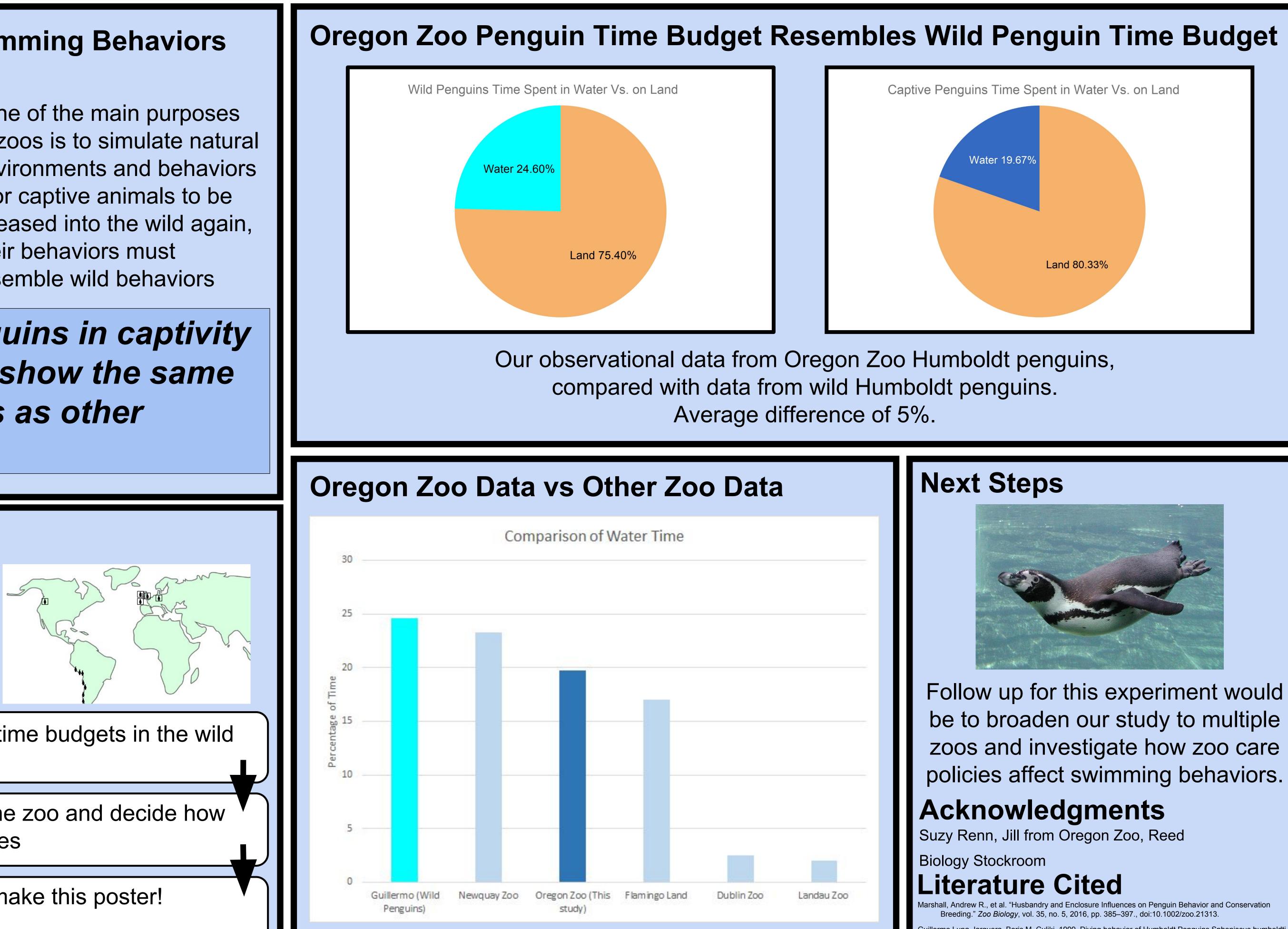


-One of the main purposes of zoos is to simulate natural environments and behaviors -For captive animals to be released into the wild again, their behaviors must resemble wild behaviors

## **Do Humboldt Penguins in captivity** at the Oregon Zoo show the same swimming patterns as other penguins?

### **Sampling Methods**





Research penguin swimming time budgets in the wild and in captivity at other zoos

Develop an ethogram, go to the zoo and decide how best to collect our scan samples

Compare data, analyze, and make this poster!

# Swimming Behaviors of Humboldt Penguins at the Oregon Zoo

Julia Yuan, Alec Lobnitz, and Frankie Williams



no Luna-Jorquera, Boris M. Culiki. 1999. Diving behavior of Humboldt Penguins Spheniscus humboldti ir orthern Chile. Marine Ornithology 27: 67–76