EVZOO RESEARCH



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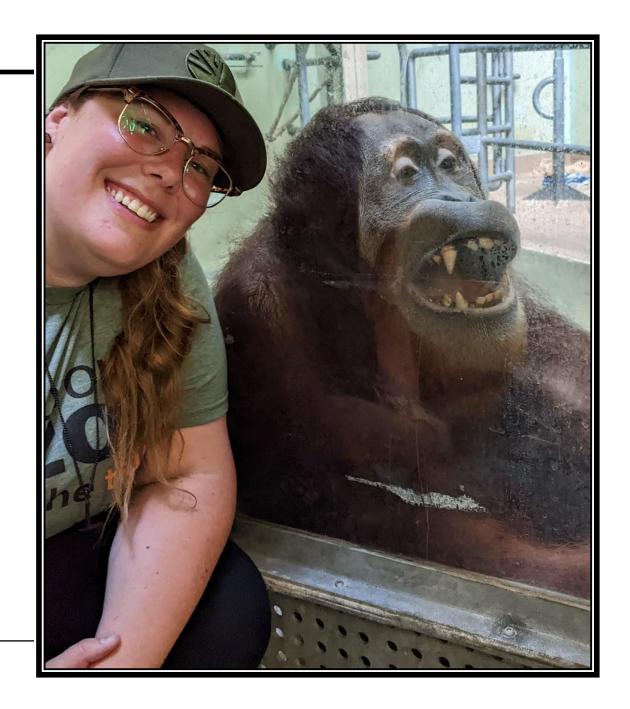


The Congdon 'Cognition, Learning, and Animal Welfare' (CCLAW) Laboratory



<u>OUTLINE</u>

- Introduction
 - Investigating animal cognition & welfare
- Current Research:
 - Welfare & enrichment research
 - Touchscreen experiments





WELFARE & ENRICHMENT

- ♦ 12 year old male white-handed gibbon (*Hylobates lar*)
- Independent Studies Student (CUE)
- ✓ Literature review on primate enrichment in zoos
- ✔ Observations to investigate behavioural changes dependent on:
 - Habitat design
 - Visitor presence
 - Natural Enrichment
 - Artificial Enrichment
 - Available Technology
 - Weather
 - Noise



Future directions: Employing novel cognitive enrichment



TOUCHSCREEN EXPERIMENT

	Global		Local	
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Research Question:

How does an animal perceive and prioritize information??

- ❖ Local/Global Processing Bias (Navon, 1977)
 - Mapping evolutionary & ecological influences





FINAL NOTES

- Edmonton Valley Zoo's commitment:
 - ✓ Their animals
 - Scientific progress
 - ✓ Conservation efforts
- High Return on Tax Levy Investment:
 - Highly-qualified personnel
 - Enriched diets
 - Species-appropriate habitats & upgrades
 - ☐ Cognitive enrichment
 - ☐ Rehabilitation & reintroduction programs









THANK YOU!

QUESTIONS?

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