## Unpostering the Biology Poster: Demonstrating a New Format "Poster 2.0" for Communicating Student Project Findings

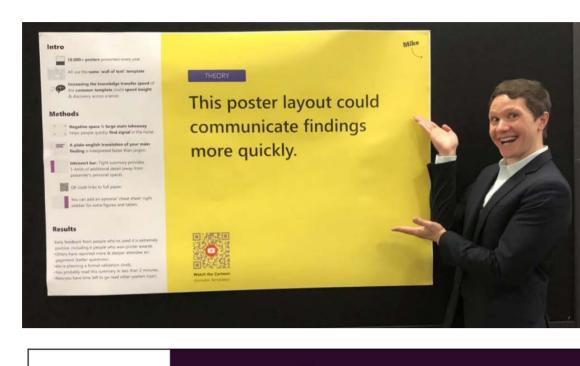
Anne McIntosh, Schoepf Ivy, Axten Lilian, Cui Jinxuan, Eliuk Dana, Kublik Jacqueline, Miller Jenna, Murray Amelia, Nawrot Ben, Nawrot Samuel, Robinson Madi, Siegle Sami, Storch Breanna, Wang Lucille- University of Alberta, Augustana CampusScience Dept – Augustana Campus, Camrose, Alberta, Canada. Contact Dr. McIntosh at: <a href="mailto:amcintos@ualberta.ca">amcintos@ualberta.ca</a>



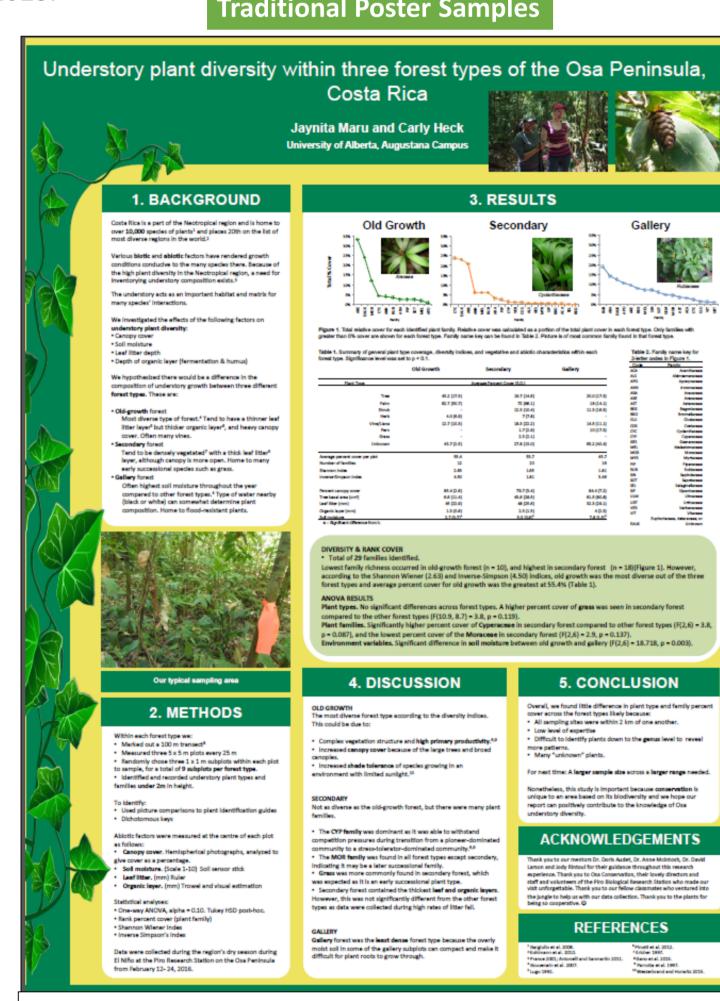
The Augustana Campus of the University of Alberta is located at <イケ<sup>^</sup>b° バハ (asiniskaw sipisis - Stoney Creek) in Treaty 6 territory. This territory provided a travelling route and home to the Maskwacis Nêhiyawak, Niitsitapi, Nakoda, and Tsuut'ina Nations, the Métis, and other Indigenous peoples. p.s. Take the Indigenous Canada

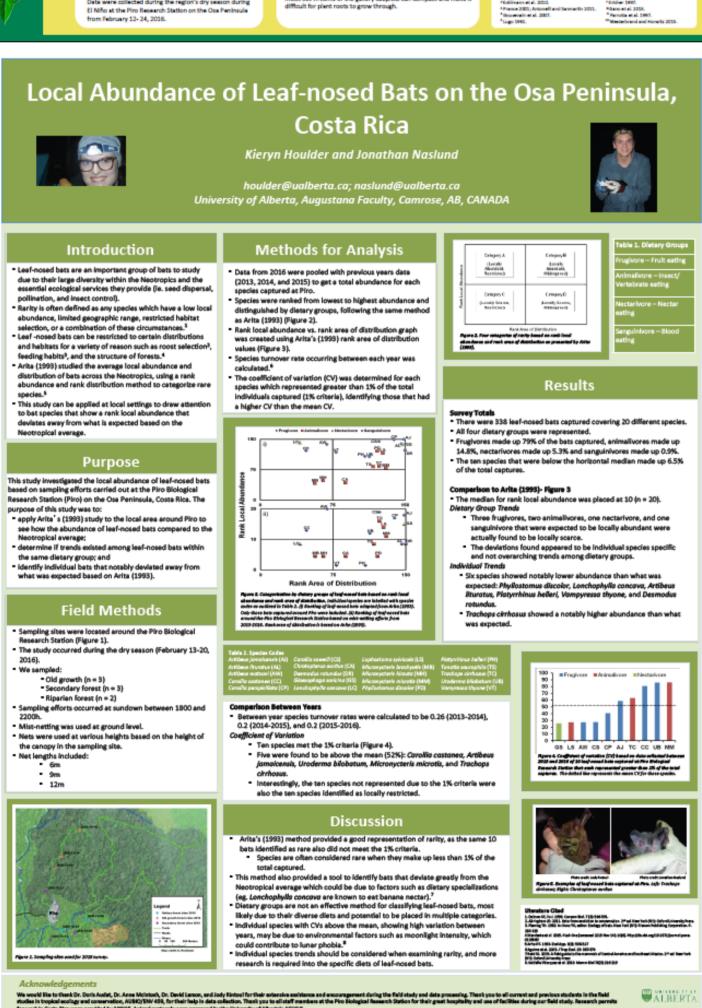
- Posters are a standard presentation format both in the classroom and at conferences, including the poster session here at UBEA!
- Posters have the power to be effective at communicating research findings
- They often are INFORMATION OVERLOAD! As instructors, we tell our students to use techniques such as bulleted lists, photos, figures and tables in order to have their poster be an engaging medium to translate their research.
- REALITY: CLUTTER!!!! "Wall of Text".
- A new poster design format "Poster 2.0" envisioned by Michigan State University PhD student Mike Morrison is aiming to change the way in which we create posters.
- We highlight new format posters taken from a Tropical Ecology Field Studies Course in January 2023.

Traditional Poster Samples









# GOOD-BYE WALL OF TEXT! This is what readers will remember Try this approach with your students!



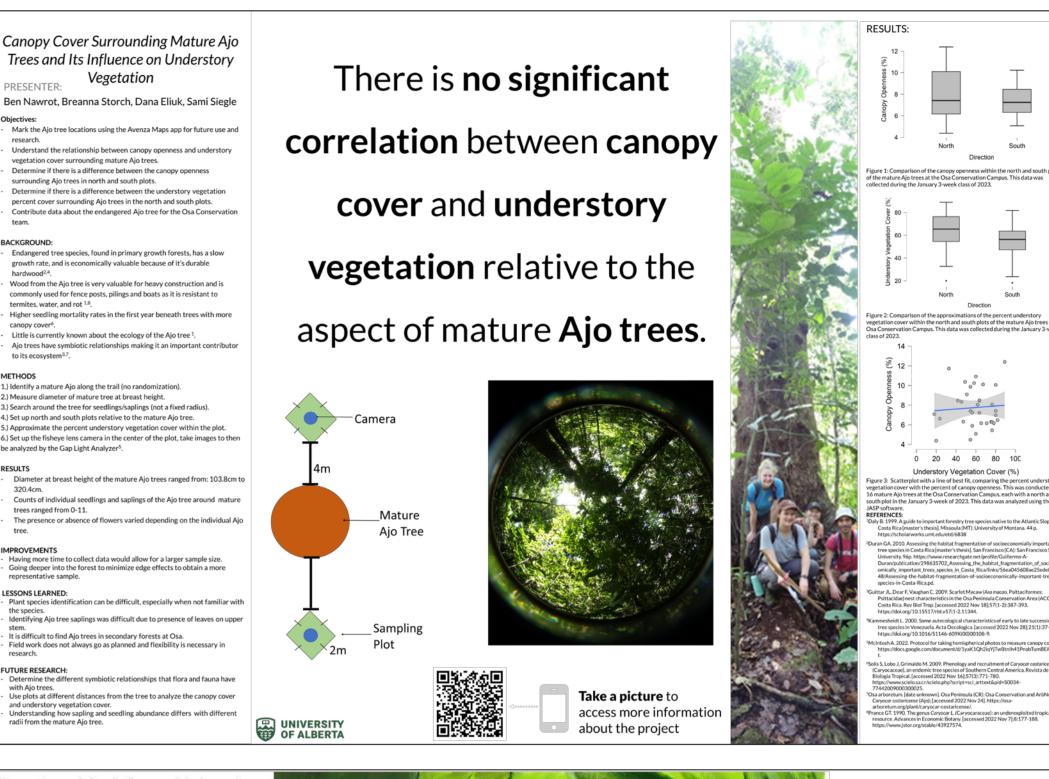




Click here to access more detailed information

### **Sample Unpostered Posters**

• We hope you will get to appreciate first-hand the difference that this new poster format could potentially provide to your future students – perhaps making it more fun and engaging for your students to make and present their poster in your next class or conference.





olivacea) Sea Turtles

Olive ridley sea turtles are considered vulnerable and decreasing1 and therefore it is

Sea turtles are sensitive to sand

undergo temperature-dependent

sexual dimorphism (TSD)4. This

means higher sand temperatures

and lower temperatures (~24°C-27°C)<sup>2</sup> result in male hatchlings <sup>4</sup>. Rising global temperatures<sup>5</sup> are

and population numbers due to

Adult females come ashore at

The majority of the nesting for

skews in sex ratios6. Additional Information

eggs in the sand<sup>3</sup>.

ridley sea turtle clutches?

Our goal was to compare the sand

aimed to answer how differences in shading affect the incubation length

previously collected data from Osa

Figure 1. Map of Osa Conservation's

our 12 artificial nests with HOBO data

collecting data from Jan 8th to Jan 14th

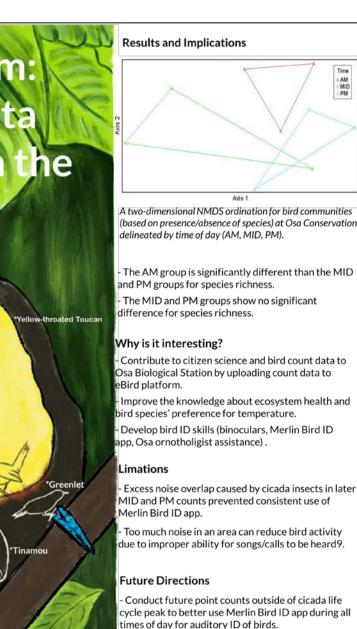
loggers. These were set up and

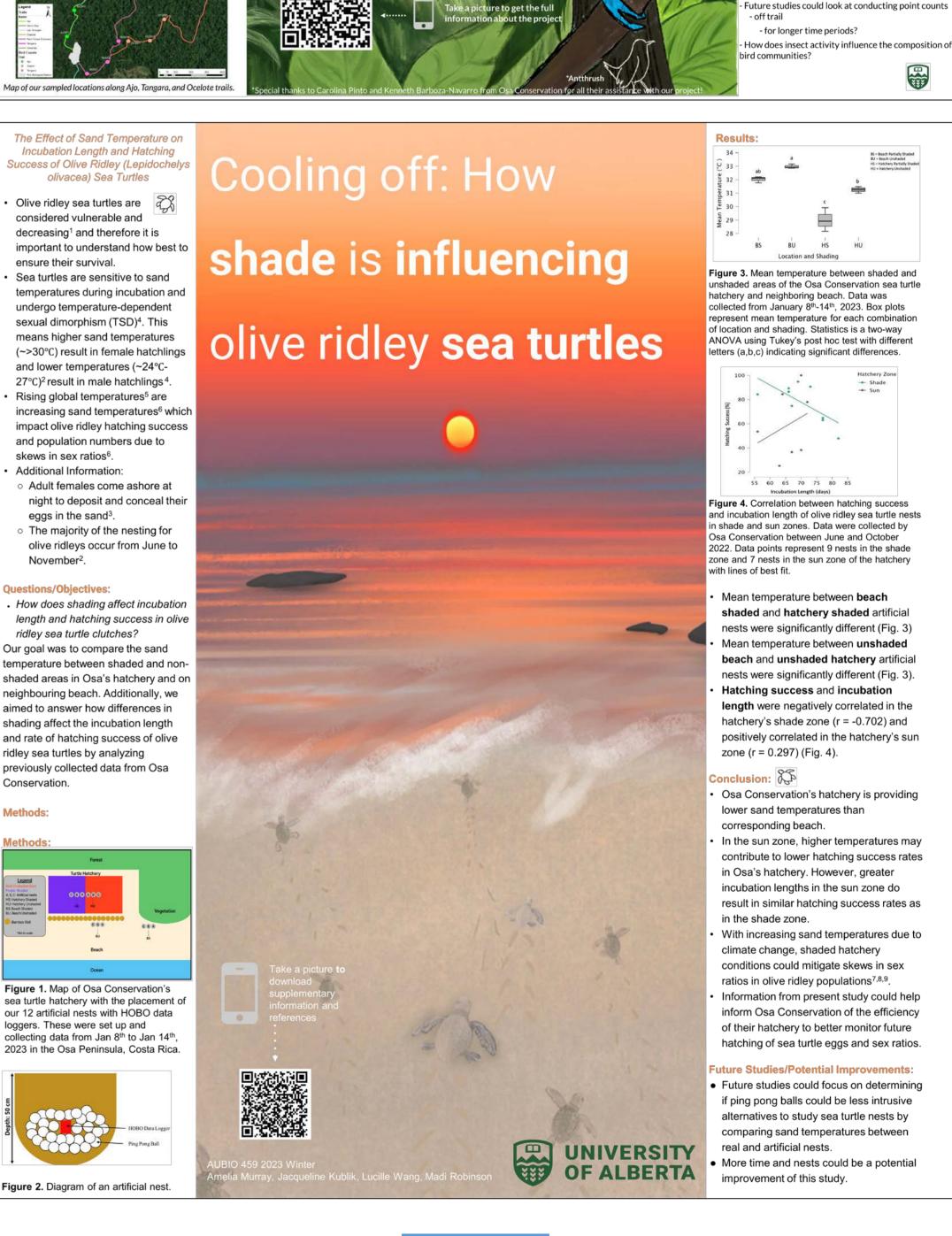
ridley sea turtles by analyzing

Conservation.

November<sup>2</sup>.

ensure their survival.





### References

- https://www.npr.org/sections/health-shots/2019/06/11/729314248/to-save-the-science-posterresearchers-want-to-kill-it-and-start-over
- How to create a better research poster in less time (including templates) https://www.youtube.com/watch?v=1RwJbhkCA58 and https://www.youtube.com/watch?v=SYk29tnxASs
- Poster unpostered templates can be found here: https://osf.io/ef53g/ https://osf.io/6ua4k (2.0)

Acknowledgements

Thanks to the members of the 2015/16 Costa Rica Field Studies Course who shared their traditional posters to compare with the 'Unpostered' posters.