

SCIL 101 – Week 4 Recitation

Collaborative Research & Evaluation



****First draft of Group Collaborative Research & Evaluation due by midnight on Sunday (Sep 22).**

Evaluating Information Tool

homework review

- Common Problems:

Credibility

- Just because an author or an organization has been doing something for a long time doesn't mean they're credible
- Just because a lot of people follow your ideas doesn't mean they're credible ideas
- Scientifically proven statistics make ideas credible

Funding

- Journals get their funding from selling subscriptions or hard copies of articles or by charging publishing fees
- The funding for individual scientific papers can be found in the "Acknowledgements" section

Acknowledgements Example

We would like to acknowledge the following people for their valuable contributions to this project: Kainana Francisco for logistical support; Renee Corpuz, Dr. Jenifer Saito, and Anne Veillet for laboratory assistance; and Nanea Babila, Nathanael Friday, and Taylor Tomita for fieldwork assistance. In addition, we thank Dr. Steven Hess and Dr. Noa Lincoln for their helpful manuscript reviews. Finally, we would like to thank the National Park Service and the State of Hawai'i Department of Land and Natural Resources, Division of Forestry and Wildlife for access to research sites.

This work was supported by the Watson T. Yoshimoto Fellowship distributed by the Ecology, Evolution, and Conservation Biology Program at the University of Hawai'i at Mānoa, the University of Hawai'i at Mānoa's Graduate Student Organization Grants and Awards Program, the College of Tropical Agriculture and Human Resources, University of Hawai'i at Mānoa via the USDANIFA Hatch (HAW01127H) and McIntyre Stennis (HAW01123M) Programs, the Department of Defense Strategic Environmental Research and Development Program (RC-2433), and the U.S. Forest Service.

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Collaborative Research & Evaluation assignments

- First Draft due Sunday night (9-22)
- Second Draft due Friday night (9-27)
- Group Presentations (TFTS / SS / JWU) due Friday (9-27) in class
- Group Presentations (TBT / F5 / BDW) due Friday (10-4) in class
- Group Presentation feedback done in class (9-27)
- Group Presentation feedback 2 done in class (10-4)

Collaborative Research & Evaluation assignments

<u>Group #</u>	<u>Criteria #</u>	<u>Option #</u>
Flat Table	1	A
Solution Squad	1	B
Just Woke Up	1	C
Best Team	2	A
Fab 5	2	B
BDW	2	C

Author Contributions Example

C.M.L., C.P.G, and K.M.K were involved in study design and implementation. N.H.W. collected soil samples. eDNA was extracted and sequenced by N.H.W. and K.M.K. QIIME2 analysis script was produced and data was analyzed by N.H.W. under the guidance of N.H.N. N.H.W. wrote the first draft of the manuscript. N.H.W., N.H.N., C.P.G., and C.M.L. discussed the results and commented on or edited the manuscript.

Collaborative Research & Evaluation

In groups (5 minutes):

- Brainstorm the ideas and topics you should be researching

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In groups (remainder of class):

- Begin researching those topics

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