

ERTH 616 CRN 77903**Scientific Writing****Fall 2024****What:** Improve your scientific manuscript writing skills with a pro.**Who:** Eric Gaidos gaidos@hawaii.edu**When:** Organization meeting on August 27 8:30 AM (online)**Where:** Online only (Zoom)**Why:** You are a researcher. You need to write papers. Papers that others will *read*.**Prerequisites:** Instructor permission and enrollment is limited to six. Participants must have sufficient research results to begin writing a manuscript. Participants must use a shared editing tool such as Google Drive (for MS Word) or Overleaf (for LaTeX) and be able to use Zoom.**Structure:** Each week will consist of (a) a 75-min presentation on some aspect of writing and publishing a scientific paper (see tentative schedule below); and (b) individual 75-min mentoring sessions with the instructor, scheduled separately. Students will work on their manuscripts in parallel with a ``deep dive'' into a similar paper of their choice (by another author) as template, inspiration, and/or study material for self-improvement.**Preliminary Schedule**

Week of	Topic
26 August	Organizational meeting (in person)
2 September	What and where and when to publish
9 September	The peer review process
16 September	Scientific writing vs. everything else
23 September	Manuscript structure and organization
30 September	Writing style
7 October	Literature searches
14 October	Citations and bibliographies
21 October	Figures
28 October	Tables
4 November	Revisions and responses
11 November	Preprints and preprint servers
18 November	ORCID, Google Scholar
25 November	Ethics, Acknowledgements
2 December	Wrap-up

Grading: 3 credits, A-F. Attendance: 40%. Engagement in group discussions: 30%. Engagement in mentoring sessions: 30%.

THE STUDENT CODE OF CONDUCT IS IN EFFECT AND EVERY STUDENT IS RESPONSIBLE FOR KNOWING WHAT IT REQUIRES:

http://studentaffairs.manoa.hawaii.edu/policies/conduct_code/

Relevant Student Learning Outcomes

M.S. program: 3. Communicate geological knowledge: M.S. graduate are able to effectively communicate about the findings of their research in writing at a level comparable to that of a scientific journal publication, and defend it orally to the satisfaction of a scientific audience. They are also able to communicate orally about Geology though seminar or conference presentations.

PhD program: 4. Communicate geological knowledge: Ph.D. graduates are able to effectively communicate the findings of their research in writing at a level comparable to that of scientific journal publications, and defend it orally to the satisfaction of a scientific audience. They are also able to communicate orally about Geology though seminar or conference presentations.

Disability Access: The Earth Sciences Department will make every effort to assist those with disability and related access needs. For confidential services, please contact the Office for Students with Disabilities (known as “Kokua”) located in the Queen Lili'uokalani Center for Student Services (Room 013): 956-7511, kokua@hawaii.edu, www.hawaii.edu/kokua

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