

I am passionate about science communication to enhance scientific literacy.

Relevant Skills

- Excellent written & verbal skills
- Copy editing, & AP style
- News reporters point of contact & facilitation
 - Issues management
 - Email marketing & newsletter creation
- Enthusiastic networking & community building
- Project management & event oversight
 - Data management, analytics, & audits
 - Google Suite & Microsoft Office Suite
 - Adobe Creative Suite: Photoshop, Lightroom, Illustrator, InDesign, & Premiere Pro
 - Videography: filming, editing, & web publishing
 - Strategic planning
 - Web content development
 - WordPress, HTML, CSS, & SEO
 - Twitter, Instagram, Facebook, YouTube, LinkedIn, & Trumba management
 - Inclusive & accessible print and digital design

Education

- 2020 Ph.D. in Ecology, Colorado State University (CSU), Fort Collins, Colorado
 - 2014 B.A. Biology with Honors, Willamette University (WU), Salem, Oregon
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Relevant Work Experience

SENIOR SCIENCE WRITER/COMMUNICATIONS SPECIALIST, CSU Atmospheric Science/CIRA , 2024-present

- Science writing and reporting
- Web content curation, social media management
- Issues management

COMMUNICATIONS LEAD, CSU Energy Institute, 2023-2024

- Lead on all institute marketing and communications
- Primary contact for media and reporters

COMMUNICATIONS COORDINATOR, CSU Graduate School, 2020-2023

- Managed social media and digital assets
- Website content development and editing

SCIENCE COMMUNICATION FELLOWSHIPS, 2018-2020

- Project management of communications for CSU units
- Social media content management & photography

RESEARCH ASSISTANTSHIPS, 2012-2019

CSU (2014-19) & WU (2012-14)

- Established a long-term rangeland research project in collaboration with Colorado Department of Agriculture
- Led a dynamic, interdisciplinary team, supervising 10 undergraduate research assistants
- Managed a large budget & wrote successful grant proposals

SCIENCE TEACHING assistantships & Guest Lecturer, 2011-2019

CSU (2014-18), CA. State Univ. DH (2016-19), & WU (2011-14)

- Mediated class discussions & debates
- Effectively used inclusive pedagogy methods

Articles & Blogs

[CIRA Science Stories](#) include popular topics such as AI, hurricanes, students, education, satellites, fire, aviation and national park service. The blog has been used to support presentations to congress, pitches to media and celebrate retirements.

[Atmospheric Science Web Announcements](#) and [Atmospheric Science Annual Newsletters](#) include a variety of content about current community members and alum. Along with providing written pieces, I review student-written contributions. This material focuses on science communication, while also highlighting awards and student experiences.

[College SOURCE](#) stories highlight news with particular focus on student recruitment and retention in addition to media pitches.

Social Media



Publications

Wallace, A., Barosh, T., Brisch, E., Laybourn, P., & Balgopal, M. M. 2023. Boosting student performance with inclusive writing-to-learn assignments through graphic organizers in large enrollment undergraduate biology courses. *Journal of Microbiology and Biology Education*, 24(3): e00087-23.

Russo, R. (2021). *Plant Galls of the Western United States* [photograph contributions by T. Barosh]. University of California Press.

Gagné R.J., T. Barosh, and S.R. Kephart. 2014. A new species of *Dasineura* Rondani (Diptera: Cecidomyiidae) in flower galls of *Camassia* (Asparagaceae: Agavoideae) in the Pacific Northwest, USA. *Zootaxa* 3900 (2): 271-278

Young Artists and Scholars (2010). *Proverb Book* [illustrations by T. Barosh]. Giant Track Publishing.

Select *Invited* Presentations

Barosh, T. 2025. Reel Experts, Real Results. FORTCAST What's Brewing Event. CSU, CO.

Barosh, T. 2023. Women in Science Panel. CSU, CO.

Barosh T. 2020 & 2021. Moderated DEIJ Orientation Panel. CSU, CO.

Barosh T., Ode P. 2019. Caging biocontrol: simulated grazing increases midge establishment on Russian knapweed. W4185 Biological Control Meeting. Fort Collins, CO.

Barosh T. 2018. Facilitation: Diverse insects in environmental stewardship. Biodiversity Ignite Night. School of Global Environmental Sustainability, CSU.
Review at <https://youtu.be/mS9HHk3c1Jw>

Barosh T., Ode P. 2016. Plant-mediated interactions in Russian knapweed biological control. W3185 Biological Control Meeting. Glenwood, CO.

Select Awards & Honors | >\$40K in grants 2010-2020

Inclusive Ecology travel award | Ecological Society of America Conference (2019) | Photography for ESA newsletter

[CSU School of Global Sustainability Leadership Fellowship](#) (2018)
Attended year-long workshop series on scicomm

Martin Luther King Jr. Fellowship (2016) | In recognition for advancement of underserved student education