

RESEARCH COMMUNICATION & PRESENTATION - MICRO-CREDENTIAL

The Research Communication and Presentation Micro-credential recognizes graduate students who have developed advanced skills in effectively communicating and presenting research and scientific information across diverse platforms. It demonstrates proficiency in professional and academic presentations, public speaking and the ability to distill complex topics for academic, industry or general audiences.

Eligibility

CU Boulder Students (degree seeking only)

Delivery Mode

Hybrid of in-person and online delivery.

Credit Status

Noncredit

Academic Level

Graduate

Fee

Yes

Requirements

Students receiving this micro-credential will be required to:

1. Attend two communication workshops (i.e. 3MT training workshops, public speaking workshops, etc.).
2. Prepare a ~1 page written reflection on a communication theme from one of the workshops, or on what they learned during their 3MT training/competition experience (if applicable).

Students will also need to choose one of the following:

- Participate in the Three Minute Thesis competition.
- Deliver either one oral presentation or two poster presentations of your own research or work at a national conference/meeting or similar event.

Criteria

Learning objectives:

- **Effectively Communicate Research Findings:** Graduate students will learn to clearly and concisely present their research findings to both academic and non-academic audiences through written, oral and visual communication methods.
- **Develop Tailored Communication Strategies:** Students will develop the ability to tailor their communication strategies to suit diverse audiences, including peers, experts in their field, policymakers and the general public.

Core Competencies:

- **Communication:** Research communication enhances the ability to convey complex ideas clearly and effectively to diverse audiences. It strengthens both written and oral communication skills, ensuring that research findings are accessible, understandable and impactful, whether shared with academic peers or the general public.
- **Critical Thinking:** Communicating research requires a deep understanding of the material, which in turn sharpens critical thinking skills. Researchers must analyze, synthesize and evaluate their findings to present coherent and compelling arguments, as well as anticipate and address potential questions or criticisms.
- **Equity & Inclusion:** Research communication promotes equity and inclusion by making research accessible to a wider audience, including those who might not have specialized knowledge. By adapting communication strategies to reach diverse audiences, researchers can ensure that their work contributes to a broader societal understanding and benefits a wider range of stakeholders.
- **Professionalism:** Effective research communication fosters professionalism by ensuring that researchers can present their work in a polished and credible manner. This includes adhering to ethical standards, maintaining accuracy and demonstrating respect for the audience, which is essential in building trust and credibility within the academic and broader community.

Skills

- Communication Strategy
- Critical Thinking
- Professionalism
- Public Speaking
- Research Communication