How should we train and assess our STEM graduate students in oral communication?

STEM Storytellers
connect, convey & captivate!

Motivation:
Today’s STEM graduate students need to be able to effectively communicate their research with the public. How do we develop and assess a curriculum that fosters these skills in tomorrow’s science professionals?

TRAINING
Goal oriented Improvisation:
• Yes and…
• Focus on assessing audience
• Leveraging metaphors
• Classifying ideas
• Employing storytelling patterns
• Clarifying core ideas

Podcasting:
• Explain why your research matters.
• Discuss an unexpectedly important facet of your research
• Explain a scientific concept that is misunderstood in your field
• Summarize a paper in your field for:
  • Disciplinary colleagues
  • Non-disciplinary colleagues
  • A lay audience
• Tell a story to make a boring fact interesting

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