Virtual Ongoing Interdisciplinary Collaboration of Educating with Song

2019 Conference
The Acronym of VOICES

- Virtual
- Ongoing
- Interdisciplinary
- Collaboration of
- Educating with
- Song
Who We Are

• Collaboration of educators, STEM experts, musicians, and students who aim to improve STEM education by teaching content using music-based tools/strategies

• Connect instructors and researchers in different STEM disciplines with music educators and technology innovators to collaborate across different disciplines

• Hope to create an international collaboration!
Mission
VOICES aims to increase student learning in STEM through the use of song by

• providing resources and professional development opportunities to alleviate barriers to use of strategy

• encouraging the development and dissemination of a research base that informs practice

• supporting best practices and principles for promoting engagement of diverse student populations

• establishing links across disciplines and other arts integration efforts in STEM education

• fostering awareness of these endeavors
A QUICK HISTORY OF OUR COMMITTEE

CAUSE
Consortium for the Advancement of Undergraduate Statistics Education

2016

SMILES
Student-Made Interactive Learning with Educational Songs

2017
All-STEM Song Conference
A QUICK HISTORY OF OUR COMMITTEE

2017 1\textsuperscript{st} VOICES Conference
Meeting in San Antonio, TX
Meeting in Denver, CO

2018 2\textsuperscript{nd} VOICES Conference

2019 3\textsuperscript{rd} VOICES Conference
A QUICK HISTORY OF OUR COMMITTEE

2018 Denver Writing Committee

2019 Meeting in Penn State
YOUR HOST
Tiffany Getty

• High school teacher in Wellsboro, PA
  • Chemistry
  • Aviation
YOUR HOST
Tiffany Getty

• Doctoral Student at Wilkes University
  • About to write my dissertation
  • Looking for participants!
  • tiffany.getty@wilkes.edu

• Brick oven pizza, musicals
GOALS

Survey of STEM Teachers

Communications Vehicle

Digital Library

Networking & Collaboration
GOALS

- **Survey**
  - K-12 teachers and higher education professors to better understand how song can be used to teach STEM content
  - Establish a baseline for how STEM educators currently use song to teach
  - Motivations for using this strategy
  - Hesitations for not using this strategy
GOALS

• **Communications Vehicle**
• Foster a broader community
• Disseminate research
• Inform community about events, opportunities, & initiatives
GOALS

• **Digital Library/Database**
• Connect instructors with classroom-ready resources
• Encourage development of supplementary materials (lesson plans, teaching tips, videos)
• Develop and encourage best practices
GOALS

• Network & Collaboration Clearinghouse
• Communities of Practice across with world
• Webinars & Professional Development for Educators
• Inform other initiatives
• VOICES Conference!
Thanks for Joining the VOICES Conference!

• Format of Virtual Conference
  • Session(s) and then Q & A

• Presenters
  • A few minutes prior to your presentation, Bob (our IT guy) will send you a private message in the chat box forum to help you get set up

• Audience Participants
  • Ask questions during the Q & A to presenters!

• A big thanks to the students of the Science Rap Academy from the Nueva School (and Tom McFadden) for helping us out with our Edutainment breaks