



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



Consortium for the
Advancement of
Undergraduate
Statistics
Education

2016



Student-
Made
Interactive
Learning with
Educational
Songs



2017

All-STEM Song Conference

A QUICK HISTORY OF OUR COMMITTEE

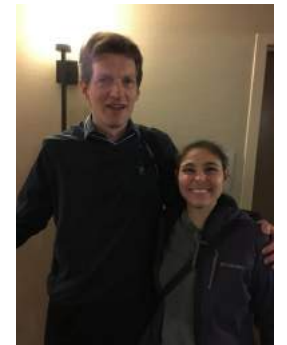
2017 1st VOICES Conference

Meeting in San Antonio, TX

Meeting in Denver, CO



2018 2nd VOICES Conference



2019 3rd 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**

**VOICES
GOALS**

**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