

Journal of Humanistic Mathematics

Volume 9 | Issue 2

July 2019

Third VOICES Conference on Teaching STEM with Music, September 22-23, 2019

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Recommended Citation

Lesser, L. M. "Third VOICES Conference on Teaching STEM with Music, September 22-23, 2019," *Journal of Humanistic Mathematics*, Volume 9 Issue 2 (July 2019), pages 372-373. DOI: 10.5642/jhumath.201902.32 . Available at: <https://scholarship.claremont.edu/jhm/vol9/iss2/32>

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Third Annual VOICES Conference On Teaching STEM with Music

SEPTEMBER 22-23, 2019

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The third annual VOICES (Virtual Ongoing Interdisciplinary Collaborations on Educating with Song) conference will be held September 22-23, 2019, with the Sunday portion especially targeting those whose teaching schedule precludes attendance on a weekday. This first-of-its-kind, online-only conference explores the use of music to teach STEM content at the college or high school level and will include many reviewed interactive sessions, videoposters, and discussions of interest to both practitioners and researchers.

The use of song or songwriting can be a powerful strategy for learning content for many reasons, such as its community-building appeal to emotion and its capacity to synthesize and present information in concise memorable form (see, for example, <http://singaboutscience.org/wp/educating/research/> and <https://www.causeweb.org/voices/resources/teaching>). The third annual VOICES (Virtual Ongoing Interdisciplinary Collaborations on Educating with Song) conference is an ideal place to join the conversation!

This first-of-its-kind, online-only conference explores the use of music to teach STEM content at the college or high school level and will include many reviewed interactive sessions, videoposters, and discussions of interest to both practitioners and researchers. Examples of topics from past conferences include research/theory, song parodies, music videos, informal learning and outreach, STEM songwriting, and student songwriting. As was the case with previous VOICES conferences, it is expected that almost all presentations will apply to all STEM disciplines (and beyond), and participants have come from about half the states of the US as well as from Canada, the United Kingdom, and The Netherlands, spanning all major STEM fields, as well as Education, English, Media & Information, and Performing Arts.

Chaired by Tiffany Getty (tiffany.getty@wilkes.edu), this year's conference includes a keynote presentation by science hip-hop educator Dr. Edmund Adjapong, Director of the Science Genius Program (<http://hiphoped.com/science-genius/>). Dr. Adjapong is an assistant professor in the Educational Studies Department at Seton Hall University. He is also a faculty fellow at The Institute for Urban and Multicultural Education at Teachers College, Columbia University and author of *#HipHopEd: The Compilation on Hip-Hop Education* Volume 1 [2]. Dr. Adjapong is a former middle school science educator at a New York City public school in The Bronx. He is the director of the Science Genius Program, a program that engages urban students in the sciences through Hip-Hop, and the director of The Science Genius Academy, a program that encourages and prepares students to pursue STEM careers while providing mentoring and support. Dr. Adjapong has appeared on media outlets such as Hot 97's radio station and is a contributing writer for Huffington Post and The Good Men Project, where he writes about issues of race, diversity, social justice and education.

Presentations will be live-streamed from the conference website

<https://www.causeweb.org/voices>

and then archived for future access. Online registrations to attend are open through September 19 at <https://www.CAUSEweb.org/voices/2019/register> for only \$10 (which can be waived in case of financial need). For full consideration, a presentation proposal should be submitted by July 24 at <https://www.CAUSEweb.org/voices/2019/proposals>, but later submissions may be considered if space and time allow. Those considering attending or presenting may draw inspiration by browsing the 25+ hours' worth of archived sessions from the 2017 and 2018 conferences at <https://www.CAUSEweb.org/voices>.

As mentioned in [1], VOICES endeavors are supported by a current National Science Foundation grant (Project SMILES: Student-Made Interactive Learning with Educational Songs in Introductory Statistics, <https://www.CAUSEweb.org/smiles/>) whose PIs are Lawrence Lesser (The University of Texas at El Paso), Dennis Pearl (Penn State), and John Weber (Perimeter College at Georgia State University).

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- [1] Crowther, G. J. "VOICES: Conference on Teaching STEM with Music, September 27-28, 2017", *Journal of Humanistic Mathematics*, Volume 7 Issue 2 (July 2017), pages 439–440. Available at <https://scholarship.claremont.edu/jhm/vol7/iss2/33>, last accessed on July 11, 2019.
- [2] Emdin, C., and E. Adjapong, *#HipHopEd: The Compilation on Hip-Hop Education – Volume 1: Hip-Hop as Education, Philosophy, and Practice*, Brill Sense, Boston, 2018.