

Is there a pre-K–12 student you REALLY care about? *This free webinar is FOR YOU!*

April 21, 2022, at 7:00 p.m. Eastern ([link to registration](#))

Why do I need STEM if I am not going to be an engineer?

A conversation with Aurea Rivera and Regina Truhart

Aurea Rivera—engineer—and Regina Truhart—professor of costume design—will discuss how taking STEM classes benefits all students: their lives, their jobs, their futures. Both care deeply about helping all students to be successful and prosper in any chosen path. They will share rewarding experiences that have resulted from their own study of STEM subjects.



Aurea Rivera, a native of Puerto Rico, graduated with honors in electrical engineering from the University of Puerto Rico. She is a certified project manager professional, Agile professional, and professional engineer with an Ohio Engineering Certificate of

Authorization. For 34 years, she served our nation as a U.S. Air Force civilian retiring at the grade of Defense Intelligence Senior Leader. She served as Chief Scientist–Engineer at NextGen Federal Systems and Senior Advisor at the Riverside Research Institute. Currently, she is on sabbatical to retool for all future challenges confronting the Intelligence Community.

Ms. Rivera is a STEM mentor for women and minority students, Ohio Chair of MATHCOUNTS, a competition for sixth, seventh, and eighth graders, the Chair for the NASIC Scholarship Committee, and President-Elect for the Engineers Foundation of Ohio.



Regina Truhart, Associate Professor at Cincinnati College of Music, focuses her work on costume design. Her costume credits include the Washington National Opera, Seaside Musical Theater, Utah Shakespearean Festival and Opera Theatre, and Music Festival of Lucca. Her

work in Cincinnati includes Ensemble Theatre of Cincinnati, Cincinnati Playhouse in the Park, Cincinnati Shakespeare Festival, Cincinnati College of Music, Cincinnati Ballet and Cincinnati Opera Outreach. Truhart received the United States Institute of Technical Theater Award of Distinction and won first place in the National Opera Association video competition.

Ms. Truhart's publications include co-authoring two articles: *Using Mathematics to Design Costumes: Hat Making* and *Ethnomathematics: Self-reported Mathematics Experiences and the Use of Embedded Mathematics by College Students in a Costuming and Design Program*.

Kim Yoak, Executive Director of the Ohio Council of Teachers of Mathematics, will moderate.

This webinar is sponsored by the Ohio Mathematics and Science Coalition (www.OhioMSC.net) in cooperation with the Ohio Council of Teachers of Mathematics, Ohio Mathematics Association of Two-Year Colleges, Ohio Mathematics Education Leadership Council, Ohio Parent Teacher Association, Ohio Section of the Mathematical Association of America, Ohio Technology & Engineering Educators Association, Science Education Council of Ohio, and Teaching & Learning Collaborative.

