

1154-R1-926      **Beverly L. Wood\*** (woodb14@erau.edu) and **Debra T. Bourdeau.** *Reaching STEM Students Through Storytelling.*

The presenters will discuss their team-developed and team-taught humanities course, How Fiction, Film and Popular Culture Represent Science and Mathematics, a class that both focuses on how the stories of math and science are told and compels students to create their own STEM stories. Texts in the class include an edition of Mary Shelley’s *Frankenstein*, annotated for “scientists, engineers and creators of all kinds” and Ray Bradbury’s short story, “A Sound of Thunder.” Students watch and discuss the film *Hidden Figures* and numerous clips from other movies and television shows such as BBC’s “Sherlock” to “The Big Bang Theory” as they explore how mathematical and scientific concepts are portrayed in various media. The course includes blogs, web comics, TEDTalks, and even music videos. Most importantly, students are asked to create their own stories. They do so first through media journals where they—via a podcast or a blend of audio and visuals of their choice—examine representations of science and math in such everyday settings as music, television, film, museum visits, newspaper/magazine articles, books or scenic locations. Students finish the course by creating their own three-act trailer for an imagined project that blends STEM and the humanities. (Received September 11, 2019)