

# Third Annual Humanistic STEM Symposium

Thursday, 13 February

**Location:** Henderson Welcome Center, DUVA B&C

**Virtual option:** <https://erau.zoom.us/j/93726281416>

**Zoom Meeting ID:** 937 2628 1416

9:00am-9:15am	Gathering
9:15am-9:30am	Welcome from the Dean, College of Arts & Sciences Worldwide Alexander Siedschlag Dean and Professor, College of Arts & Sciences Embry-Riddle Aeronautical University Worldwide
9:30am-10:00am	<i>Status and Future of the H-STEM Project</i> Debra Bourdeau Associate Dean and Associate Professor of English, College of Arts & Sciences Embry-Riddle Aeronautical University Worldwide
10:00am-11:30am	<b>Keynote Address</b>  <b>Beppy Landrum Owen</b> MLS Program Rollins College  <b>The Sacred and the Sacrilegious: Of Books and Bodies, Scalpels and Stories</b>  The history of human anatomical dissection, like the history of science in general, is full of wild tales, messy humanity, wondrous discoveries, folly and wonder--and glorious written records of it all. In this keynote address, our H-STEM inheritance will be examined through the lens of one extraordinary book: the 1934 <i>Icones anatomicae</i> , a monumental restrike of Andreas Vesalius's historic anatomical masterpiece, the 1543 <i>Fabrica</i> . A rare copy of the <i>Icones</i> , as well as a modern sample of a woodcut (block) and metal type, will be on display.
11:30am-1:00pm	lunch on your own
1:00pm-1:30pm	<i>Sharing Environmental Solutions: H-STEM in an Eco-Literature Seminar</i> Taylor Joy Mitchell Embry-Riddle Aeronautical University Daytona Beach

- 1:30pm-2:00pm *From Poetry to Policy: How H-STEM Has Guided My Research Path*  
Kayla Taylor  
PhD Student, Department of Electrical Engineering and Computer Science  
Embry-Riddle Aeronautical University Daytona Campus
- 2:00pm-2:30pm *Modern Engineering and Craft: Bridging the Divide Between Optician Artisan Experience and Automated Optical Surface Fabrication*  
Christy L. Reynolds  
Assistant Professor of the Practice, Physics  
Department of Math, Science and Technology, College of Arts & Sciences  
Embry-Riddle Aeronautical University Worldwide
- 2:30pm-2:45pm Break
- 2:45pm-3:15pm *How the Fixed-Tuned Keyboards of the Pipe Organ and Harpsichord Restricted and Defined Western Music*  
Dr. William C. Oelfke  
Bach Festival Society of Winter Park
- 3:15pm-3:45pm *Images of Sir Isaac Newton and Science Communication in the Eighteenth Century*  
Deborah Prosser  
Director of Hunt Library  
Embry-Riddle Aeronautical University
- 3:45pm-4:00pm Closing Day One

**Friday, 14 February**

**Location:** Henderson Welcome Center, DUVA B&C

**Virtual option:** <https://erau.zoom.us/j/97620184318>

**Zoom Meeting ID:** 976 2018 4318

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| 9:00am-9:45am   | <i>The Polymath Renaissance: Redefining Expertise in the Modern Age</i><br>Donna Roberts<br>Associate Dean and Professor, College of Arts & Sciences<br>Embry-Riddle Aeronautical University Worldwide  |
| 9:45am-10:30am  | <i>H-STEM Infusions in HIST 130 and ECON 411</i><br>Janice Amos, Assistant Professor of the Practice, History<br>Audra Sherwood, Assistant Professor of the Practice, Economics<br>College of Arts & Sciences<br>Embry-Riddle Aeronautical University Worldwide |
| 10:30am-10:45am | Break   |
| 10:45am-11:15am | <i>Promoting Argumentation and Discourse in Mathematics Courses</i><br>Zackery Reed, Assistant Professor, Mathematics Education<br>College of Arts & Sciences<br>Embry-Riddle Aeronautical University Worldwide   |
| 11:15am-11:45am | <i>Perspectives on the Humanistic STEM Study Abroad Experience</i><br>Fitzgerald O. Ihekwoaba, ERAU Student<br>Beverly Wood, Associate Professor, College of Arts & Sciences<br>Embry-Riddle Aeronautical University Worldwide                                  |
| 11:45am-12:00pm | Closing Day Two   |

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***Refreshments provided by ERAU College of Arts & Sciences Worldwide***