

1163-M1-1204 **Rodica Cazacu*** (rodica.cazacu@gcsu.edu). *Project-based assessment using real data.*

Each semester, when I start teaching my Introduction to Mathematical Modeling course, I can't stop thinking about how my new students will see the world around them after taking my class! Since I took over and redesigned this course, I was looking for ways to let my students express themselves while applying what they learn in my class. And how else they could do that better than working on their own projects? This presentation will show how I started using projects in large classes of non-science majors, instructing my students and guiding their work, while allowing them to leave their mark in the process. From small projects to a final project that replaces the final exam, my students will review all key concepts working with data they collect or find interesting and useful, using mathematics to interpret and analyze their findings. (Received September 15, 2020)