LeMasurier, Michelle. 2006. Nonstandard Topics for Student Presentations in Differential Equations. *PRIMUS*. 16(4): 349-357.

See https://www.tandfonline.com/doi/abs/10.1080/10511970608984157 . Accessed on 27 March 2023.

This is an amazing paper in which the author offers 33 presentation topics with full paginated citations from 27 references. At Hamilton College, where the author teaches, students give oral presentations and this material provides a wealth of options for them, but in the context of SIMIODE and modeling first differential equations we are given a real treasure chest of rich resources. No doubt your library has access to this well-established and rich journal, *PRIMUS - Problems, Resource, and Issues in Mathematics Undergraduate Studies*. Get this article!!!

We quote the Abstract of the paper, "An interesting and effective way to showcase the wide variety of fields to which differential equations can be applied is to have students give short oral presentations on a specific application. These talks, which have been presented by 30–40 students per year in our differential equations classes, provide exposure to a diverse array of topics that are generally not covered in a typical differential equations course, and include applications in biology, economics, chemistry, ecology and physics. We will discuss these presentations and provide a list of (classroom tested) presentation topics along with their references, which are from textbooks readily available in most school libraries."