**Meeting:** 1003, Atlanta, Georgia, MAA CP J1, MAA Session on Projects and Demonstrations that Enhance a Differential Equations Course

1003-J1-933        **Michelle LeMasurier\*** (`mlemasur@hamilton.edu`), Hamilton College, 198 College Hill Rd., Clinton, NY 13323. *Nonstandard Topics for Student Presentations.*
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 DE classes, provide exposure to a diverse array of topics that are 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. (Received October 01, 2004)