1067-J1-2070   **Patti Frazer Lock*** (`plock@stlawu.edu`), Dept of Math, CS, and Stats, St. Lawrence University, Canton, NY 13617. *Have a Good Conclusion: The Value of Ending a Year-Long Calculus Course with an Introduction to Differential Equations.* Preliminary report.

The ideas arising from the calculus reform movement have changed just about everything in how and what the speaker teaches in her Calculus I and II courses. One of the most unanticipated and profound changes has come from the inclusion at the end of Calculus II of an introduction to differential equations. This one-month segment serves as a way to reinforce the material learned in both Calculus I and Calculus II while tying the whole year together. It also provides a way to show students the power of mathematics in a very wide variety of applications. And it is fun! The speaker will discuss some interesting examples done in class and the impact of this change on enrollments and majors and student attitudes toward math. (Received September 22, 2010)