

1125-G5-2377 **Jeffrey S. Powell*** (jspowel1@samford.edu), Dept. of Mathematics & C.S., Samford University, 800 Lakeshore Dr, Birmingham, AL 35229. *Mickey Mouse, Kevin Bacon, and How Undergraduate Research Opened a Whole New World For Me.*

Our Senior Project course pairs faculty with our graduating seniors to produce a paper and presentation on a topic that is new to the student and typically in an area of the student's interest. For some students, there's an opportunity to discover new mathematics. In this talk, I'll share a particularly interesting case where I worked with a Disney-obsessed student to build and to analyze the previously unstudied Disney short film network. I'll discuss how the project allowed the student to learn about social network analysis while it simultaneously expanded my own research horizons into this fruitful area for undergraduate research. In this talk, I'll also answer the following important question: Are Mickey Mouse and Kevin Bacon equivalent? (Received September 20, 2016)