

1077-C1-2695 **Elyn Rykken*** (elrykken@muhlenberg.edu). *A Student Inspired Capstone Experience*. Preliminary report.

Based on student feedback, our department has recently added a capstone requirement. Wanting to offer students flexibility, we allow our mathematics majors to select one of two options. They may choose between specially designated coursework and a research experience (which may include extending work done in an REU). We are in the initial phases of implementing this experience. Our new problem-solving course for the capstone will run for the first time this spring. This talk will focus on the development, organization and implementation of this senior-year experience. (Received September 22, 2011)