

1077-C1-2449 **Kurt Herzinger*** (kurt.herzinger@usafa.edu), 2354 Fairchild Dr., Suite 6D124, USAF Academy, CO 80840-6252, **Beth Schaubroeck** (beth.schaubroeck@usafa.edu), 2354 Fairchild Dr., Suite 6D124, USAF Academy, CO 80840-6252, and **Dale Peterson** (dale.peterson@usafa.edu), 2354 Fairchild Dr., Suite 6D124, USAF Academy, CO 80840-6252.
Starting a capstone experience: A user's guide. Preliminary report.

In this talk, we discuss the experience of creating a research capstone experience from scratch. We will also share lessons learned from the first two years of our capstone experience. In particular, we discuss the students' undergraduate research projects, their attendance and presentations at conferences, assessment of their overall mathematical skills, and how these and other elements of the capstone experience prepare them for their careers. (Received September 22, 2011)