

1056-E5-1979 **G. Daniel Callon*** (dcallon@franklincollege.edu), Franklin College, 101 Branigin Boulevard, Franklin, IN 46131. *Creating a Departmental Culture of Enriching Experiences.*

The Department of Mathematics and Computing at Franklin College has constructed an integrated experience for its mathematics majors and minors featuring innovative courses and co-curricular programming whose purpose is to help its students learn about the professional opportunities available in mathematics in keeping with Franklin's mission and the composition of its student body with 35-40% first generation college students.

The courses include a one-hour freshman activity course which introduces students to professional opportunities in mathematics and emphasizes mathematical processes and ways of working, and a junior-senior level semester-long team statistical consulting service project for a local non-profit agency.

Co-curricular programming incorporates interaction with fellow students, faculty, alumni, and other professionals.

On our campus of 1040 students, the number of mathematics majors and minors is growing substantially (currently about 15 sophomores have declared majors in mathematics) and attendance at departmental events runs between 35 and 60.

This presentation will provide details about the courses and programming as well as tips for putting together such a program on your own campus. (Received September 22, 2009)