

1086-F5-1470 **Christopher Goff*** (cgoff@pacific.edu). *Diophantine Geometry, Eulerian Number Theory, and Undergraduates*. Preliminary report.

This talk will tell the story of how a geometry problem of Diophantus led all the way to a paper of Euler on number theory. Then we will describe how translating this work of Euler led ultimately to an undergraduate project in a History of Mathematics course last spring. (Received September 22, 2012)