

1064-97-111      **Diane L Herrmann\*** (diane@math.uchicago.edu), 5734 South University Avenue, Chicago, IL 60637. *The Old Family Recipe*.

What is it that draws talented high school students to a department where the courses are challenging, the work load is heavy, and proofs are expected of every student? Many factors contribute to the success of the University of Chicago undergraduate mathematics program. This talk will address what we do to encourage high performing high school students to take an introductory honors sequence in calculus, and how we recruit our senior faculty to teach the course. The inclusion of an Inquiry Based Learning section and its continued success will also be discussed. (Received September 01, 2010)