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Jeffrey W Clark* (clarkj@elon.edu), Campus Box 2320, Elon University, Elon, NC 27244.

Mentoring Undergraduate Research for All Mathematics Majors.

At most colleges and universities with a full teaching load (three or four classes per term), it is difficult to mentor undergraduate research in mathematics. This presentation will discuss lessons learned from over twenty years of mentoring mathematics majors. A student's research topic is not nearly as important as cultivating a rapport with the student before beginning and setting out clear and achievable goals for both student and mentor. Ideally all students are capable of performing research at a level that is appropriate to their abilities. (Received July 22, 2010)