1106-K1-422   **Jonathan K. Hodge***, Department of Mathematics, Grand Valley State University, Allendale, MI 49401. *A Holistic Approach to Mentoring Undergraduate Research in Mathematics.* Preliminary report.

Most undergraduate research projects in mathematics aim to provide students with an opportunity to engage new mathematical ideas and perhaps even make their own contributions to the field of mathematics. Apart from the actual mathematical content, however, undergraduate research also provides a unique context for students to develop their communication skills, collaborate with diverse peers, and participate in the broader mathematical community. In this talk, I will focus on these broader skills and experiences, discussing strategies for mentoring holistic research experiences that promote mathematical, professional, and personal growth. (Received August 27, 2014)