

1056-D1-1413      **Suzanne Galayda\*** (sgalayda@nmsu.edu) and **Kathleen Berver**. *Online Interdisciplinary Mathematics: Project MESH*.

Project MESH (Mathematics, Engineering, Science Hybrids), is a New Mexico State University program funded by the Minority Science and Engineering Improvement Program. This U.S. Department of Education program assists predominantly minority institutions in effecting long-range improvement in science and engineering education programs and increasing the flow of underrepresented ethnic minorities, particularly minority women, into science and engineering careers. Project MESH approached these goals in three ways: Summer Institutes, Web-based Courses, and Calculus Umbrella Sections. This presentation will discuss the development and implementation of the web-based courses. We will cover the tools used to develop and present mathematics online. Additionally we will discuss challenges encountered in the presentation of these courses during the past academic year. (Received September 21, 2009)