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Why Don't More Women and Minorities Study Undergraduate Physics? A Case Study HILLARY SMITH, Los Alamos National Laboratory, DEREK WEISEL, Los Alamos School District — It has often been suggested that the lack of women and ethnic minorities studying physics in college can be traced back to the science and math education of students in high school and before. This talk presents data from a two-part survey of high school science students. First, students were asked what subjects they enjoy and their perceived level of competency in math and science. Second, students were asked their plans for secondary education and what factors contributed to this decision. The results been correlated to gender and ethnicity. Analysis of the results indicates trends along gender and ethnic lines in what students believe they are good at, what they enjoy studying, in what ways they plan to continue their education, and what they plan to study in college.

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