1067-62-2280

Michelle York\* (myork1@student.clayton.edu), 2000 Clayton State Blvd, Morrow, GA 30236, Catherine Matos (cmatos@clayton.edu), 2000 Clayton State Blvd, Morrow, GA 30236, and Mary Hudachek-Buswell (MaryHudachek-Buswell@clayton.edu), 2000 Clayton State Blvd, Morrow, GA 30236. Supporting Women in STEM fields: The Wi<sup>2</sup>STEM Club"s Impact on Student Members at Clayton State University. Preliminary report.

The Women Interested in Science, Technology, Engineering and Mathematics ( $Wi^2STEM$ ) club at Clayton State University (CSU) was formed two years ago to support female students in STEM fields. The club brings in speakers from STEM fields, funds student travel to conferences, provides job shadowing opportunities and other activities.  $Wi^2STEM$  is career oriented and strives to provide a supportive environment for its members and help them to achieve a school/home life balance. This is a particularly important service of the club, as a large proportion of CSU's students are non-traditional students.

The undergraduate presenter will report on the statistical analysis of a survey that was conducted to determine the impact of the club on its members. The influence on students will be assessed through a comparison of  $Wi^2STEM$  member GPAs with the general CSU STEM student population. The study will also assess student satisfaction with the club, and whether members believe that the club has facilitated their continued studies in STEM fields at CSU. Results will be compared against a survey of the general CSU STEM student population. (Received September 22, 2010)