

# The Under-representation of Women in Applied Sciences:

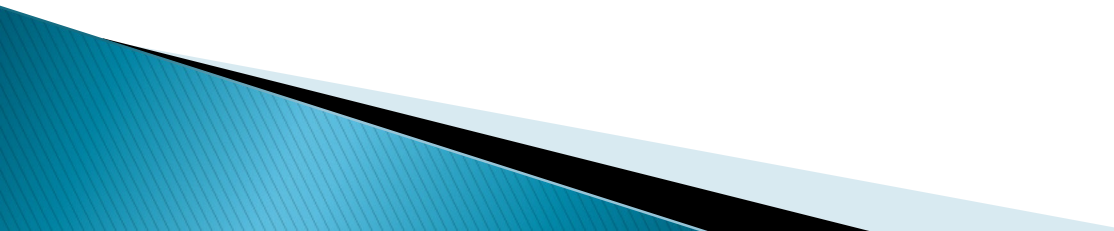
## The Impact of Perceptions & the Availability of Role Models

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- ▶ Despite the fact that women comprise 46 percent of the nation's workforce, they are consistently under-represented in many of the applied sciences fields.

- ▶ Current research suggests that the perceptions of students, educators, and other stakeholders play a large role in discouraging women from participating in applied sciences occupations.
  - ▶ It is anticipated that the availability of role models, the strength of the students' self images, and their perceptions of the discipline are important elements to understanding their career choices.
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# CeMaST Grant Support

- ▶ Phase I

- Fall 2009

- ▶ Phase II

- Spring 2010

# Preliminary Results

- ▶ Survey specific
- ▶ Gender role

# Future Implementation

- ▶ Working with identified significant data from both phases
  - Targeting grants for further research
    - Mentoring workshops
    - Student perception intervention
- ▶ Identification of any discipline specific issues

# Questions

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