Entrepreneurship Education for Women in Engineering: A Systematic Review of Entrepreneurship Assessment Literature with a Focus on Gender

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INTRODUCTION

As entrepreneurship education becomes more prevalent in engineering program curriculums, it is imperative that these learning environments be investigated to determine their impact, particularly for underrepresented groups. The purpose of this review is to guide future research on engineering entrepreneurship through a gendered lens. Further, this review serves to inform the development or improvement of existing engineering entrepreneurship education programs that seek to attract and retain more women.

RESEARCH QUESTION

How has gender been addressed in entrepreneurship education scholarship, particularly with respect to underrepresented groups? The purpose of this review serves to inform the development or improvement of existing engineering entrepreneurship education programs that seek to attract and retain more women.

METHODS

• Search Terms in Scopus and Proquest:
  • ("entrepreneurship education* OR "entrepreneurship education") AND ("measurement* OR "instrument* OR "assessment")

• Inclusion Criteria:
  Studies included in the review must have:
  • Entrepreneurship education outcomes for participants, or qualities and skills possessed by entrepreneurs
  • Data collected from human subjects
  • Clearly delineated a research method

• Last Step: Purposely subsampled articles with the term “gender” in the title

IMPLICATIONS

Recommendations Relevant Theories and Constructs

Develop clear evaluation processes
Stereotype Threat
Solo Status and Tokenism

Incorporate examples of successful female entrepreneurs
Social Role Theory
Stereotype Threat

Be thoughtful about group composition for team-based tasks
Social Role Theory
Stereotype Threat
Solo Status and Tokenism

Consider how activities like pitch competitions affect women differently than men
Stereotype Threat
Solo Status and Tokenism

Incorporate social entrepreneurship education is meant to be developmental
Social Role Theory
Stereotype Threat

Provide multiple opportunities for student success
Stereotype Threat

REFERENCES


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