

How do engineering students view well-being and how does this impact professional formation?

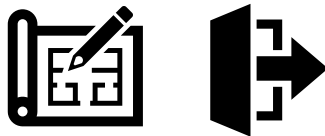
#2400607, 2400608: Collaborative Research: How Undergraduate Engineering Students' Conceptualizations of Well-Being in Engineering Programs and Careers Develop and Manifest

Background

Stress and mental health impact student well-being.



This can impact students' decisions to stay or leave engineering.

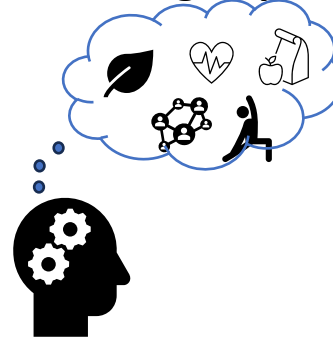


Social support and networks are critical for well-being



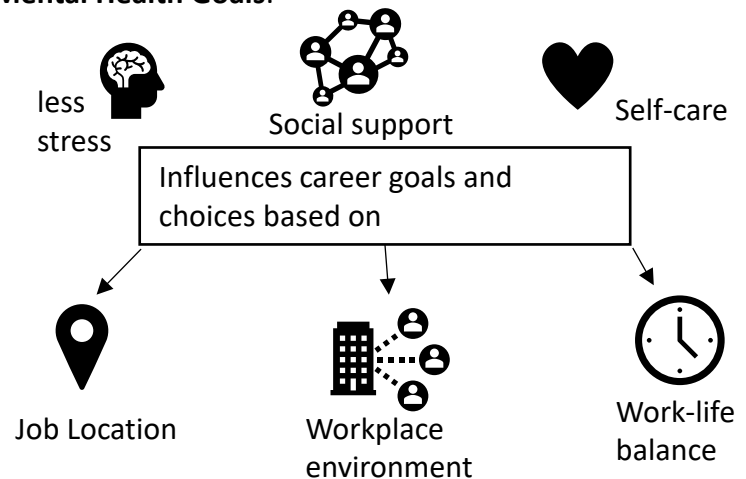
Students use social supports to manage demands and stress of engineering.

How do conceptualizations of wellbeing impact career decisions?



Ideal mental health goals shaped future career goals

Mental Health Goals:



Methods

qualitative

longitudinal

- Will collect longitudinal interview data and concept map drawings from undergraduate engineering students.
- Analyzing interviews with thematic analysis.
- Will analyze concept maps with network analysis.

Challenge Area

Machine learning

Identifying a way to utilize machine learning or other novel quantitative methods to analyze concept maps.



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← Preprint Work in Progress Paper

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