Leadership and Diversity of Professionals Working in Healthcare

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Leadership and Diversity of Professionals Working in Healthcare

Emily Kloos
Advisor: Sandra L. Furterer Ph.D., MBA

Background/Objectives
• Women make up more than 20% of engineering school graduates
• Only 11% of practicing engineers are women
• Why do women leave engineering fields to go into healthcare and other industries?
• Do they face the same workplace challenges in healthcare?

Research Methodology
• Contact Healthcare facilities for survey participants
• Prepare survey questions based on previous research performed
• Create a focus group with local women engineering and science professors
• Submit survey to the University of Dayton Institutional Review Board
• Conduct survey through Google Forms
• Send survey out to qualifying participants
• Compare results to the results found in previous research
• Compare results of those who never entered engineering field to those who have

Stemming the Tide
• 5,562 women with a bachelor’s degree in engineering
• 10% women obtained a degree but never worked as an engineer
• 29% women previously worked as engineers but have left the field
• 60% women are currently working in engineering

Current Research Study Survey

Future Work/Research
• Develop techniques to minimize or avoid certain barriers that women face in engineering
• How can we improve the workplace to keep women engineers in engineering?
• Improve environment
• Create structure
• Improve Attitude

References
1. Literature – “Solving the Equality The Variables for Women’s Success in Engineering and Computing AAUW”, 2015.
3. Literature - "Stemming the tide: predicting women engineers’ intention to leave"