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10-5-2018

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Dale Hilty Mount Carmel

Ann Smith Mount Carmel

Alyssa Fravel Mount Carmel

**Mickey Allton** Mount Carmel

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#### **Recommended Citation**

Hilty, Dale; Smith, Ann; Fravel, Alyssa; and Allton, Mickey, "Preliminary Investigation of Continuous Self-Improvement, Anger, & Self-Efficacy" (2018). Scholars Showcase 2018: Innovations in Leadership and Learning. 28.

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# **Preliminary Investigation of Continuous Self-Improvement,** Anger, & Self-Efficacy

# Dale Hilty, PhD $\sim$ Ann Smith, PhD, APRN, ANP-BC, CRRN $\sim$ Alyssa Fravel, BSN Candidate $\sim$ Mickey Allton, BSN Candidate ~ Amber Elford, BSN Candidate

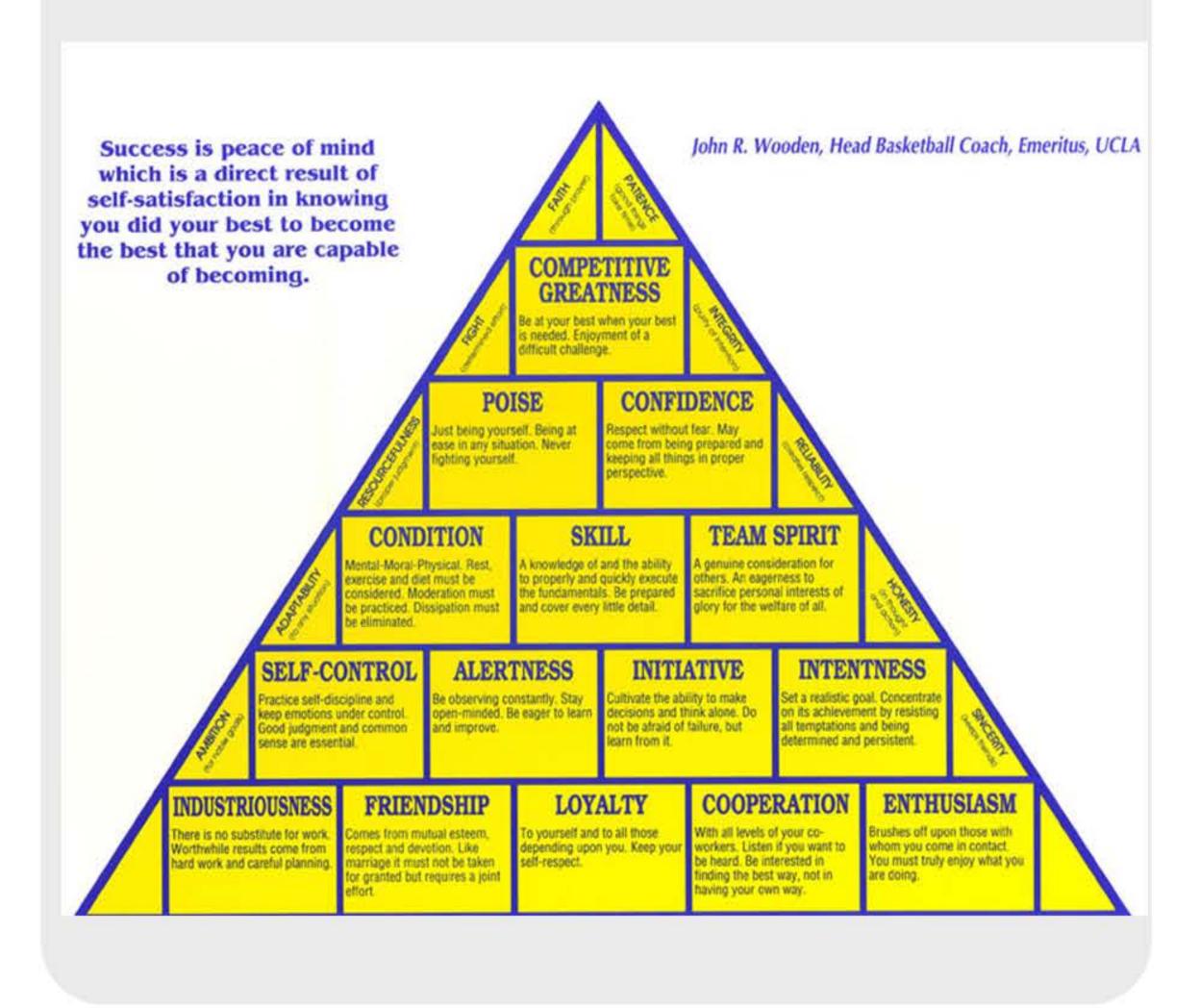
# Background

## **Competitive Greatness**

John R. Wooden's father shared two principles which were a major influence for his life: (1) "Don't try to be better than someone else, and (2) Always try to be the best you can be" (Wooden & Carty, 2005, p. 17). The first principle was a reminder that a successful life does not find peace of mind by comparing one's self to others. There is an interconnection between the second principle and Wooden's competitive greatness construct (CG). The definition of CG: "Be at your best when your best is needed. Enjoyment of a difficult challenge" (Wooden & Carty, 2005, p. 90).

Competitive greatness is linked to continuous selfimprovement. By making the focus of life primarily on individual growth and development, there are endless opportunities to expand our skills and abilities. In Wooden's words: "We don't have be superstars or win championships to reach competitive greatness. All we have to do is learn to rise to every occasion, give your best effort and make those around us better as we do it. It's not about winning. It's about learning to give all we have to give" (Wooden & Carty, 2005, p. 91).

Wooden created a pyramid of success as guide to the continuous self-improvement process. In his books, Wooden provides explanations for each of the 15 building blocks. Key words for each block are: (1) hard work and planning (Industriousness), (2) enjoyment (Enthusiasm),(3) mutual



## Background (cont'd)

esteem & devotion (Friendship), (4) beneficial work (Cooperation), (5) self-respect (Loyalty), (6) discipline (Self-Control), (7) observation & open-mindedness (Alertness), (8) decisions & action (Initiative), (9) realistic goals (Intentness), (10) physical, mental, moral, & spiritual (Condition), (11) timing & performance (Skill), (12) eagerness & sacrifice (Team Spirit), (13) true to self (Poise), (14) respect without fear (Confidence), and (15) loving a difficult challenge (Competitive Greatness).

### 10-80-10 Principle

According to Urban Meyer (2015, pp. 161-162),

There is a theory about human behavior called the 10-80-10 principle ... Think of your team or your organization as a big circle. At the very center of it, the nucleus, are the top 10 percenters, people who give all they've got all the time, who are the essence of self-discipline, self-respect, and the relentless pursuit of improvement. They are the elite—the most powerful component of any organization ... Outside the nucleus are the 80 percenters. They are the majority—people who go to work, do a good job, and are relatively reliable. The 80 percenters are for the most part trustworthy and dutiful, but they simply don't have the drive and the unbending will ... The leadership challenge is to move as many of the 80 percenters into the nucleus as you can. If you can expand the top 10 percent into 15 percent or 20 percent, you are going to see a measurable increase in the performance of your team.

### Continuous Self-Improvement (CSI)

In the academic environment, Wooden's competitive greatness can be linked to Continuous Self-Improvement (CSI). By focusing on individual growth and development, there are endless opportunities to expand our skills and abilities. Meyer's 10-80-10 principle estimates that 10 percent are in "... relentless pursuit of improvement" or CSI. A CSI nursing students function at an exceptional level of engagement and deeper learning processing of material from textbook readings and lecture presentations. Using an intrinsic reward system, they internalize content and concepts and continuously apply them in new, unique ways. These students appear to feel the satisfaction and receive the validation they are going to be excellent nurses. Not only do they understand the scientific and theoretical aspects of nursing, but they also demonstrate the art and caring nature of an excellent and compassionate nurse. Methods

The participants (N=61) in this educational intervention were Bachelor of Science in Nursing Students. Instrumentation: CG/CSI scale was measured by the Wooden Pyramid of Success Questionnaire (Hilty, 2017). Schwarzer & Jerusalem's (1995) GSE scale was used as a global mean of efficacy. The Reynolds, Walkey, and Green (1994) Anger Self-Report scale was used to assess anger.



# Methods (Cont'd)

- Hypothesis 1: The CG/CSI scale was used to form two groups(i.e., high and moderate-low). There would be differences between these CG/CSI groups and self-efficacy and anger.
- Hypothesis 2: There will be a difference in the correlational analysis among the CG/CSI, Self-Efficacy, and Anger scales.
- Hypothesis 3: Using a regression analyses with CG/CSI as the dependent variable and the Self-Efficacy and Anger Self-Report scales as predictor variables, the outcome will be significantly different from zero.

## Results

- Hypothesis 1: The CG/CSI scale was used to form two groups(i.e., high and moderate-low). Using SPSS 25 (independent t-test), a significant difference was found with the CG/CSI scale and Self-Efficacy (p=.003). There was no significant difference (p>.05) between CG/CSI and Anger Self-report scales.
- Hypothesis 2: CG/CSI correlations was significant with Self-Efficacy (r=.515, p=.001) and not significant with Anger (r=-.066, p>.05).
- Hypothesis 3: Using SPSS 25 regression with CG/CSI as the dependent variable and Self-Efficacy and Anger as predictor variables, the findings were (F(2,58) = 11.113, R = .526, Rsquared = .277, p=.001).

## References

- Hilty, D. (2017, October). Preliminary investigation (phase) 1) evaluating relationship among Big Five personality factors, team spirit, and Wooden's competitive greatness construct. Poster presentation at Lilly Conference at Traverse City, Michigan.
- Meyer, U. with Coffey, W. (2015). Above the line: Lessons in leadership and life from a championship season. New York: Penguin Press.
- Reynolds, N., Walkey, F., & Green, D. (1994). The Anger Self Report: A Psychometrically Sound (30 Item) Version. New Zealand Journal of Psychology, 23, 64-70
- Schwarzer, R., & Jerusalem, M. (1995). Generalized selfefficacy scale. In J. Weinman, S. Wright, & M. Johnston, Measures in health psychology: A user's portfolio. Causal and control beliefs (pp. 35-37). Windsor, UK: NFER-NELSON.
- Wooden, J. & Carty, J. (2005). Coach Wooden's pyramid of success. Ventura, CA: Regal Books.

