

Dr. Ali Yalcin, PhD

Industrial and Management Systems Engineering

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<https://scholar.google.ca/citations?user=sEPukoMAAAJ&hl=en>



Biography

Dr. Ali Yalcin received his B.S., M.S., and Ph.D. degrees in Industrial and Systems Engineering from Rutgers University, New Brunswick New Jersey in 1995, 1997 and 2000. He is currently an Associate Professor at the University of South Florida, Industrial and Management Systems Engineering Department. He teaches courses in the areas of systems modeling and performance analysis, information systems design, and systems simulation. He co-authored the 2006 Joint Publishers Book-of-the-Year textbook, *Design of Industrial Information Systems*, Elsevier.

Education

Ph. D. Industrial and Systems Engineering, Rutgers University, 2000

M.S. Industrial Engineering, Rutgers University, 1997

B.S. Industrial Engineering, Rutgers University, 1995

Research Interests

Health and Engineering Systems Modeling, Healthcare Analytics, Engineering Education

Courses taught in 2015-2016 Academic Year

ESI 4523 Systems Simulation

EIN 6935 Systems Modeling and Performance Analysis

Recent Publications

- D. Martinez, A. Tsalatsanis, **A. Yalcin**, J. Zayas-Castro, B. Djulbegovic, Activating Clinical Trials: A process improvement approach, submitted to *Clinical Trials: Trials*, (forthcoming)
- VandeWeerd, C., Myers, J., Coulter, M., **Yalcin, A.**, & Corvin, J. Positives and negatives of online dating according to women 50+. *Journal of Women and Aging* (forthcoming)
- Aden-Buie, G., Kaw, A., **Yalcin, A.**, On comparing final examination formats in a STEM course, *International Journal of Engineering Education*. (forthcoming)
- Eleazar Gil-Herrera; Garrick Aden-Buie; **Ali Yalcin**, Ph.D.; Athanasios Tsalatsanis, Ph.D.; Laura E Barnes, Ph.D.; Benjamin Djulbegovic, M.D., Ph.D., "Rough Set Theory based Prognostic Model for Hospice Referral" *BMC Medical Informatics and Decision Making*, 15:98, 2015
- C. VandeWeerd, J. Corvin, M. Coulter, E. Perkins, R. Telford, **A. Yalcin**, and B. Yegedis, "A Preliminary Investigation of Risks for Adverse Outcomes of Relationship Seeking on Social Network Sites (SNS): A Descriptive Study of Women over 50 seeking relationships on MySpace in Hillsborough County, Florida". *Journal of Woman and Aging*, 26(2):127-45, 2015
- Rico, F., **Yalcin, A.**, Eikman, E.E., Technology Integration Performance Assessment Using Lean Principles in Healthcare, *American Journal of Medical Quality*, May/June 2014
- Kaw, **A. Yalcin**, G. Lee-Thomas, D. Nguyen, M. Hess, J. Eison, R. Pendyala, G. Besterfield, C. Owens, "A Holistic View on History, Development, Assessment, and Future of an Open Courseware in Numerical Methods", *ASEE Computers in Education Journal*, Vol. 3, No. 4, pp. 57-71, 2012.
- Kaw, **A. Yalcin**, "Measuring Student Learning Using Initial and Final Concept Test in a STEM Course", *International Journal of Mathematical Education in Science and Technology*, 43(4), 2012, pp.435-448.
- **Yalcin, A.** Kaw, "Does Grading Homework Improve Student Examination Performance?" *International Journal of Engineering Education*, 27(6), 2011, pp.1-10.
- E. Gil-Herrera, A. Tsalatsanis, **A. Yalcin** and A. Kaw, "Predicting Academic Performance Using a Rough Set Theory Based Knowledge Discovery Methodology", *International Journal of Engineering Education*, 27(5), 2011, pp.992-1002.

Web Page: <http://www.eng.usf.edu/~ayalcin/index.htm>