

**Tuncay Bayrak, Ph.D.**  
**Chair and Professor**  
**Business Information Systems Department**  
**Date of Hire: 2002**

**Faculty Qualification Status: SA**  
**Participating or Supporting Faculty Status: Participating**

**EDUCATION:**

Ph.D. Rensselaer Polytechnic Institute, Troy, NY, Concentration: Management Information Systems, 2002

Master of Engineering: Rensselaer Polytechnic Institute, Industrial and Management Engineering, 2002

M.B.A. Southern New Hampshire University, Manchester, NH, 1996

Bachelor of Arts, Uludag University, Turkey, Concentration: Management, 1992

**FACULTY ENGAGEMENT ACTIVITIES TO SUSTAIN QUALIFICATION STATUS**  
**(July 2013-June 2018):**

***REFEREED JOURNAL ARTICLES***

Bayrak, T., (2018). Evaluating Large-Scale IT Investment Decisions, *Technology in Society*, Forthcoming.

Bayrak, T., and Akcam, B. (2017). Understanding Student Perceptions of A Web-Based Blended Learning Environment, *Journal of Applied Research in Higher Education*, Volume 9, Issue 4, pp. 1-23. DOI information: 10.1108/JARHE-12-2016-0090.

Bayrak, T. (2015). Identifying Collaborative Technology Impact Areas, *Technology in Society*, Volume 42, pp.93-103.

Bayrak, T., and Gulati, A. (2015). The Role of Gender on Student Success, *International Journal of Information and Communication Technology Education*. Volume 11, Issue 4, pp. 1-17.

Ucar, C., and Bayrak, T. (2015). Improving In-plant Logistics: A Case Study of a Washing Machine Manufacturing Facility, *International Journal of Industrial Engineering: Theory, Applications and Practice*. Volume 22, Issue 2, pp.195-212.

Bayrak, T. (2013). A Decision Framework For SME Information Technology (IT) Managers: Factors For Evaluating Whether To Outsource Internal Applications To Application Service Providers, *Technology in Society*, Volume 35, Issue 1, pp.14-21.

**ADDITIONAL ACADEMIC ENGAGEMENT ACTIVITIES:**

Bayrak, T., "A Mission Statement Analysis of North American and Asian Universities." Proceedings of European Decision Sciences Institute Conference," June 3-6, 2018, Udine, Italy.

Cokotis, C., and Bayrak, T., "Leveraging Text Analytics to Identify Trends in Corporate Communication through Fortune 100 Company Mission Statements." Proceedings of European Decision Sciences Institute Conference," June 3-6, 2018, Udine, Italy.

Bayrak, T., "Understanding Risks and Rewards of Information Technology Development." Proceedings of European Decision Sciences Institute Conference," May 29-June 1, 2017, Granada, Spain.

Bayrak, T., and Akcam, B., "Measuring the Impact of a Web-Based Blended Learning Platform on Student Learning," Proceedings of Decision Sciences Institute Conference, November 18-22, 2016, Austin, TX.

Bayrak, T., and Akcam, B., "Students' Perception of a Blended Learning Environment," Proceedings of Decision Sciences Institute Conference, November 21-24, 2015, Seattle, WA.

Bayrak, T., "A Review of Business Analytics: A Business Enabler or Another Passing Fad", World Conference on Technology, Innovation and Entrepreneurship, May 28-30, 2015, Istanbul, Turkey. Published in *Procedia - Social and Behavioral Sciences*, Volume 195, July 2015, Pages 230-239.

Ozturk, F and Bayrak, T. "The Academicians' Perspective on the Challenges Facing Higher Education in Turkey", World Conference on Technology, Innovation and Entrepreneurship, May 28-30, 2015, Istanbul, Turkey. Published in *Procedia - Social and Behavioral Sciences*, Volume 195, July 2015, Pages 202-209.

Bayrak, T., and Akcam, B. "Exploring Benefits of a Web Based Testing and Training Tool." World Conference on Technology, Innovation and Entrepreneurship, May 28-30, 2015, Istanbul, Turkey. Published in *Procedia - Social and Behavioral Sciences*, Volume 195, July 2015, Pages 1032-1041.

Bayrak, T., and Akcam, B. "Designing An Instrument To Measure Student Satisfaction With A Web Based Training And Testing Tool," Proceedings of Southeastern Decision Sciences Institute Conference, February 25-27, 2015, Savannah, GA.

***ADDITIONAL ACADEMIC ENGAGEMENT ACTIVITIES CONT'D:***

Erdogan, E., and Bayrak, T. "Measuring Outcomes In Hospital Operations," Proceedings of Decision Sciences Institute Conference, November 16-19, 2013, Baltimore, MD.

Gunduz, E., and Bayrak, T. "Logistics Facility Site Selection Using Fuzzy Analytic Hierarchy Process," Proceedings of Decision Sciences Institute Conference, November 16-19, 2013, Baltimore, MD.

Guler, A., and Bayrak, T. "Managing Customer Complaints Through Customer Segmentation," Proceedings of Decision Sciences Institute Conference, November 16-19, 2013, Baltimore, MD.

***BOOK CHAPTER***

Gunduz, E., and Bayrak, T., "Identifying the Optimal Facility Location Using Fuzzy AHP", In Merrill Warkentin, Editor, *The Best Thinking in Business Analytics*, Pearson FT Press, 2015.

