

Dr. Neslihan Alp

Education

- Ph.D., Engineering Management, University of Missouri-Rolla, 1996
- M.S., Industrial Engineering, Istanbul Technical University, 1993
- B.S., Engineering Management, Istanbul Technical University, 1989

Academic experience

- College of Engineering and Computer Science (CECS), the University of Tennessee at Chattanooga (UTC) – Full-time
- Associate Dean of Academic Affairs; Department Head of Engineering Management & Technology; Director of Graduate Programs; Chattanooga Manufacturers' Association (CMA) Professor; and UC Foundation Professor; 2016 – Present
- Interim Dean and UC Foundation Professor, 2014 – 2016
- Associate Dean for Graduate Programs and Research, Department Head of Engineering Management & Technology, UC Foundation Professor, Tenured, 2013 – 2014
- Assistant Dean for Graduate Programs and Research, Department Head of Engineering Management, & Technology, UC Foundation Professor, Tenured, 2009 – 2013
- Director of Engineering Management and Graduate Programs, UC Foundation Associate Professor, Tenured, 2006 – 2009

Non-academic experience

- Caterpillar Inc., Istanbul, Turkey , Industrial Engineer (1990-1992)

Certifications or professional registrations

- Professional Engineer (P.E.), Tennessee, No. 107445, 2004-Present
- Accreditation Board of Engineering and Technology (ABET), Engineering
- Accreditation Committee (EAC), Program Evaluator (PEV), 2016-Present

Current membership in professional organizations

- Member of Institute of Industrial and Systems Engineers (IISE)
- Member of American Society of Engineering Management (ASEM)
- Member of American Society for Engineering Education (ASEE)
- Honored Member of the Alpha Society High Standards of Academic Performance
- Honored Member of Alpha Iota Delta, Engineering Management Honor Society
- Honored Member of United Who's Who

Honors and awards

- Chattanooga Manufacturers' Association (CMA) Professorship (2016)
- Outstanding Faculty Advising Award (2016)
- UnBought and UnBossed Award Recipient by Girls Inc. (2016)

Service activities (within and outside of the institution)

- Computer Science Faculty Search Committee Chair (2018)
- Council of Academic Department Heads (CADH), (2009-14, 2016-Present)
- Graduate Council, (2002-2012, 2016-Present)
- College of Engineering and Computer Science Graduate Coordinators Committee, Chair, (2006-Present)
- College of Engineering and Computer Science Undergraduate Curriculum Committee, Chair, (2016-Present)

Briefly list the most important publications and presentations from the past five years

- “Improving Patient Care Through Earlier Discharge Times by Using Six-Sigma Tools”
- Neslihan Alp, Ph.D., P.E. and Anthony Schmidt, M.S 37th American Society for Engineering Management (ASEM) International Conference, Huntsville, AL on October 18-21, 2017.
- “Cost-benefit Analysis of Native Warm Season Grasses for Transmission Line Right-of-Way Revegetation”, Joseph Turk, MS, Jennifer Boyd, Ph.D., Neslihan Alp, Ph.D., P.E., and et. al., Ecological Engineering Journal 108PA (2017) pp. 123-131.
- “Multi-criteria Building Energy Performance Benchmarking through Variable Clustering Based Compromise TOPSIS with Objective Entropy Weighting,” Endong Wang, Ph.D., Neslihan Alp, Ph.D., P.E., and et. Al Energy Journal 125 (2017), pp. 197-210.
- “Managing a Corrective Action Program”, Neslihan Alp, Ph.D., P.E. and Xavier Morales, M.S., 36th American Society for Engineering Management (ASEM) International Conference, Charlotte, NC on October 26-29, 2016.
- “Quality through Design: A Six Sigma Approach”, Neslihan Alp, Ph.D., P.E., Portland International Center for Management of Engineering and Technology (PICMET) 2016 International Conference, Honolulu, Hawaii, September 4-8, 2016.
- “Benchmarking energy performance of residential buildings using two-stage multifactor data envelopment analysis with degree-day based simple-normalization approach” , Endong Wang, Ph.D., Zhigang Shen, Ph.D., Neslihan Alp, Ph.D., P.E., and Nate Barry, Ph.D., Energy Conversion and Management Journal, 106:530-542, November 2015.

Briefly list the most recent professional development activities

- Quality Matters (QM) Certificate (2017)
- Panelist at the University of Tennessee Women Leadership Institute (2017)
- The Provost Leadership Series (2016-Present)
- Lean & Six Sigma Yellow Belt Certification (2016)
- Co-chair at the Chattanooga Engineers Week Committee (2015)
- The University of Tennessee Leadership Institute (2015)
- The Dale Carnegie Leadership Training (2012)