



DEPARTMENT OF INDUSTRIAL & SYSTEMS ENGINEERING & ENGINEERING MANAGEMENT
ASSISTANT PROFESSOR IN ENGINEERING MANAGEMENT

ABOUT THE UNIVERSITY AND AREA: The University of Alabama in Huntsville, classified as a Very High Research Active institution, offers academic and research programs in the Colleges of Engineering, Nursing, Business Administration, Science, and Liberal Arts. Huntsville maintains one of the highest per capita incomes and standards of living in the Southeast. It is a national center of aerospace and high technology research. The University is located in the midst of a high technology community consisting of the second largest industrial research park in the US, NASA's Marshall Space Flight Center, and Redstone Arsenal, which is the home to the Missile Defense Agency, the Army Materiel Command, the Space and Missile Command, and site of the Aviation and Missile Research, Development, and Engineering Center. Huntsville ranks as the nation's 3rd largest aerospace and defense manufacturing hub and is Alabama's 2nd largest metropolitan area, yet enjoys one of the lowest costs of living in the nation. Alabama is ranked 5th in the United States for federal research and development (R&D) funds received.

ABOUT THE COLLEGE: The College of Engineering is the largest of five academic colleges at UAH in terms of student enrollment and accounts for nearly 30% of UAH's undergraduates. The college has ABET-accredited programs in aerospace, chemical, civil, computer, electrical, industrial and systems, mechanical, and optical engineering.

ABOUT THE DEPARTMENT: The Industrial and Systems Engineering and Engineering Management Department offers BSIE, MSE, MSOR and Ph.D. degree programs with approximately 100 undergraduate students, 250 graduate students, and 7 tenured or tenure-track faculty members. The Department has an ABET accredited undergraduate program in Industrial and Systems Engineering. Aerospace and Systems Engineering is one of the top strategic research priorities of the University. Rapid growth in faculty, students, and research funding is intended in this field. The Department is currently engaged in NASA's largest fundamental research program in systems engineering, which includes research tasks in engineering management.

APPLICATION DEADLINE: Consideration of applications will begin November 1, and the search will remain open until the position is filled. The earliest anticipated starting date is August 2015.

JOB DESCRIPTION/REQUIREMENTS: The successful candidate will develop a stream of nationally recognized, externally funded research in the theory and practice of engineering management and systems engineering. The research should be particularly applicable to large aerospace systems such as rotorcraft, missiles, and space vehicles. The candidate will lead research projects at UAH from proposal through execution to dissemination, and build

collaborations with other US institutions and possibly international partners. Finally, the successful candidate will contribute to the continuing development of one of the nation's top graduate education programs in engineering management, through a continuous infusion of the latest research, and evolving a curriculum that combines a rigorous foundation in social science with current engineering applications to aerospace projects widely available in Huntsville.

Applicants must have an earned doctorate, preferably in Engineering Management, Systems Engineering, or a related field. Applicants must also possess a) an established record of research scholarship and an ability to develop externally funded research programs; (b) a strong commitment to teach graduate and undergraduate students, and to mentor graduate students; and (c) dedication toward service to the university and the community, both local and international. An ability to obtain a security clearance is also strongly desirable. An undergraduate degree in engineering or related field is also desirable.

APPLICATION PROCEDURE: Application material, including a cover letter, curriculum vitae, summary of current research interests (2-4 pages), teaching philosophy (1-2 pages), and the names of three references, should be sent to EMsearch@uah.edu for consideration.

The University of Alabama in Huntsville is an Equal Opportunity/Affirmative Action Institution. Consistent with our core values of integrity, respect, diligence, excellence, inclusiveness and diversity, the University strongly encourages applications from members of all under-represented groups. An offer of employment at the University is contingent upon the results of a criminal background check.

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