University of New Haven

Position #21-17F

Tenure Track Assistant Professor in Industrial and Systems Engineering

The Tagliatela College of Engineering at the University of New Haven invites applications for a full-time tenure track faculty position at the assistant professor level in **Industrial and Systems Engineering**. The expected starting date is August 23, 2021.

Required qualifications: Ph.D. in industrial and systems engineering, operations research, manufacturing engineering, or a closely related field; a commitment to teaching and research excellence. The candidate must have superior communication and interpersonal skills and a commitment to collegiality and teamwork. Prior teaching and/or industrial experience will be considered favorably. Authorization to work in the U.S. is required.

Responsibilities:
- Provide leadership in development of new and cutting-edge courses in industrial and systems engineering (ISE), primarily in applied operations research (OR), artificial intelligence applications and machine learning techniques in ISE, and data modeling areas.
- Teach undergraduate and graduate level ISE/OR courses, including probability theory, stochastic processes, linear and nonlinear optimization, and reliability engineering.
- Lead and contribute to ongoing instructional innovation efforts in the BS ISE and MS IE programs, including developing and teaching hands-on laboratory courses and courses in areas such as smart manufacturing, industry 4.0, healthcare, and data analytics.
- Supervise student internships, projects and theses.
- Participate in industry/client sponsored projects with undergraduate and graduate students.
- Provide institutional and professional service, including support for student recruitment.

About the University and College: The University of New Haven, founded on the Yale campus in 1920, is a private, coeducational university situated on the coast of southern New England. It's a diverse and vibrant community of more than 6,800 students, with campuses around the country and around the world. Within its five colleges, students immerse themselves in a transformative, career-focused education across the liberal arts and sciences, fine arts, business, engineering, public safety, and public service. We offer more than 100 academic programs, all grounded in a long-standing commitment to collaborative, interdisciplinary, project-based learning. Here, the experience of learning is both personal and pragmatic, guided by a distinguished faculty who care deeply about individual student success. As leaders in their fields, faculty members provide the inspiration and recognition needed for students to fulfill their potential and succeed at whatever they choose to do.

The Tagliatela College of Engineering (TCoE) takes pride in providing students a well-balanced mix of hands-on education with a strong theoretical foundation that allows graduates to function effectively and confidently in the workplace. Our graduates are highly sought after and known by employers to be work-ready. Our curricula in core engineering and applied science disciplines, combined with strong interdisciplinary coursework, internships in the field, co-curricular activities, and research opportunities, enable our graduates to remain a step ahead of the competition in today's crowded job market. The TCoE is the only private engineering college in Connecticut that offers eight nationally accredited engineering and applied science programs (chemical, civil, computer, electrical, mechanical and industrial & systems engineering, computer science, and chemistry). The buzz is out there beyond Connecticut too as more than half of our incoming first-year students are from out-of-state. We also serve a significant number of international students. The TCoE is ranked in the top third of undergraduate engineering programs nationwide in its category by U.S. News & World Report.

Diversity and Inclusion: The University of New Haven is committed to diversity and inclusion in higher education. The University seeks candidates whose teaching, research and/or service has prepared them to contribute diversity and inclusion in our academic community. Applicants are asked to submit a diversity and inclusion statement explaining how their teaching, scholarship and/or service, contributes to building and supporting diverse and inclusive communities.

Application Process: All information on candidates will be kept confidential. Review of applications will start immediately and continue until the position is filled. Qualified candidates should submit: 1) a cover letter describing their academic and/or industrial experiences relevant to the position, 2) a curriculum vitae, 3) a statement of teaching philosophy, 4) a brief statement of research plans, 5) a diversity and inclusion statement, and 6) contact information for at least three professional references. All materials should be submitted online at http://apply.interfolio.com/87284.

The University of New Haven is an Equal Opportunity, Affirmative Action Employer