



## **Department of Industrial and Systems Engineering Assistant Professor**

The Department of Industrial and Systems Engineering (ISE) at Lehigh University invites applications for a tenure-track Assistant Professor position. Candidates must possess a Ph.D. and a strong methodological background in any ISE-relevant discipline, including but not limited to data analysis and learning, optimization, and stochastic methods. The Rossin College of Engineering and Applied Science is pursuing an exciting research agenda guided by strategic research directions (<https://engineering.lehigh.edu/research>), so applicants with a background in relevant application areas, such as health, energy, service, or manufacturing systems are especially encouraged to apply. Lehigh University is committed to increasing the diversity and inclusion in the university community and curriculum. Candidates are expected to demonstrate a strong commitment to undergraduate and graduate education and pursue a vibrant research agenda.

Tracing its roots to the creation of the Industrial Engineering program in 1924, the ISE Department currently has 20 full-time faculty members, 185 undergraduate and 180 graduate students, 35 of whom are Ph.D. students. The department offers comprehensive research and educational programs at the B.S., M.S., and Ph.D. levels. The ISE faculty maintains an outstanding international reputation in a variety of research areas. ISE is undergoing significant growth in various areas of operations research, data analytics, and computing. Current research thrusts include (1) Data Science and Machine Learning; (2) Energy and Service Systems; (3) High Performance Computing; (4) Mathematical Optimization; and (5) Stochastic Methods, but the department is always looking to expand our research footprint.

The Department maintains excellent computational and laboratory facilities, including high-performance computing and other associated infrastructure housed in a state-of-the-art facility maintained as part of the Laboratory for Computational Optimization Research. Department faculty also have access to centralized facilities dedicated to high-performance computing. Annual research expenditures exceed \$2.5 million. The Department has extensive interdisciplinary ties with other departments at Lehigh through interdisciplinary master's programs in healthcare and financial engineering, as well as participation in the college's flagship research institutes: the Institute for Data, Intelligent Systems, and Computation and the Institute for Cyber Physical Infrastructure and Energy.

For 150 years, Lehigh University has combined outstanding academic and learning opportunities with leadership in fostering innovative research. The institution is among the nation's most selective, highly ranked private research universities. Lehigh's four colleges provide graduate and undergraduate education to approximately 7,000 students. Located in Bethlehem, Pennsylvania, Lehigh is 80 miles west of New York City and 50 miles north of Philadelphia, providing an accessible and convenient location that offers an appealing mix of urban and rural lifestyles.

All applications must be submitted through [AcademicJobsOnline.org](https://academicjobs.org). Review of applications will begin October 15, 2019 and will continue until the position is filled. The application should include a cover letter, a statement of research and teaching interests, a statement on diversity, a curriculum vitae, names and addresses of at least three references, and representative research paper(s). Inquiries may be addressed to Professor Ted Ralphs, Search Committee Chair, [ted@lehigh.edu](mailto:ted@lehigh.edu).

Lehigh is an affirmative action/equal opportunity employer and provides equal opportunity on the basis of merit without discrimination because of race, color, religious creed, ancestry, national origin, age, handicap, gender, sexual orientation, or union membership.



**Department of Industrial and Systems Engineering  
Assistant Professor**

The Department of Industrial and Systems Engineering invites applications for a tenure-track Assistant Professor position. Candidates must possess a Ph.D. and a strong methodological background in any ISE-relevant discipline, including but not limited to data analysis and learning, optimization, and stochastic methods. The Rossin College of Engineering and Applied Science is pursuing an exciting research agenda guided by strategic research directions (<https://engineering.lehigh.edu/research>), so applicants with a background in relevant application areas, such as health, energy, service, or manufacturing systems are especially encouraged to apply. Lehigh University is committed to increasing the diversity and inclusion in the university community and curriculum. Candidates are expected to demonstrate a strong commitment to undergraduate and graduate education and pursue a vibrant research agenda. Applications for the position must be submitted through AcademicJobsOnline. Review of applications will begin October 15, 2019 and will continue until the position is filled. Inquiries may be addressed to Professor Ted Ralphs, Search Committee Chair, [ted@lehigh.edu](mailto:ted@lehigh.edu).