



Multiple Faculty Positions Grado Department of Industrial and Systems Engineering, Virginia Tech

The Grado Department of Industrial and Systems Engineering (ISE) at Virginia Tech invites applications for multiple tenured/tenure-track faculty positions at the rank of Assistant or Associate Professor, effective August 2021. We seek outstanding candidates for two positions: *Stochastic Operations Research* (with a focus on health systems and policy, healthcare analytics, healthcare operations, and/or medical decision making) and *Intelligent Manufacturing* (with a focus on digital manufacturing, Industrial Internet of Things, cyber-physical systems, and/or automation/robotics).

The ISE Department has 36 full-time instructional faculty, 30 of whom are tenured/tenure-track. Four are recent early investigator recipients, and numerous other faculty have received international or national recognition. Academic programs and research in the department encompass Human Factors and Ergonomics, Manufacturing, Management and Systems Engineering, and Operations Research. Candidates will thus have the opportunity to work with a broad range of departmental faculty, as well as with faculty in many other colleges, centers, and institutes at Virginia Tech. The department is home to approximately 630 undergraduate students, 70 master's students, and 100 doctoral students. The undergraduate and graduate ISE programs are currently ranked fourth and sixth, respectively, by U.S. News & World Report. Additional information is available at: www.ise.vt.edu.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Building on its motto of Ut Prosim (that I may serve), Virginia Tech is dedicated to InclusiveVT - serving in the spirit of community, diversity, and excellence. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world. The College of Engineering undergraduate program ranks 13th and the graduate program ranks 31st among all U.S. engineering schools (USN&WR). The mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators, and leaders. Our core values are inclusiveness, excellence, integrity, perseverance, and stewardship.

Virginia Tech's main campus is located in Blacksburg, Virginia, in an area consistently ranked among the country's best places to live. In addition, our programs in the Washington, D.C., area offer unique proximity to government and industry partners and is also expanding rapidly, with Virginia Tech's exciting new Innovation Campus in Alexandria, Virginia, slated to open in 2024.

Candidates are expected to lead innovative scholarship and research, develop and sustain an externally-funded research program, teach and mentor undergraduate and graduate students, and serve the university and the profession. The positions require a Ph.D. in industrial and systems engineering, operations research, or a closely related field.

Applicants must apply online at jobs.vt.edu (posting number 514830). Application materials include a cover letter; CV; research statement; teaching statement; statement on contributions to advancing diversity, equity, and inclusion; three relevant research publications; and contact information for at least three references. Review of applications will commence January 29, 2021 and continue until the position is filled. Questions regarding the positions should be directed to the Search Committee at ise-search@vt.edu.

The department fully embraces Virginia Tech's commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. If you are an individual with a disability and need an accommodation for the interview process, please contact Rhonda Hawley at rhondah@vt.edu or 540-231-6656.