



## Faculty Position in the Grado Department of Industrial and Systems Engineering Virginia Tech – Assistant/Associate/Full Professor, *Operations Research*

The Grado Department of Industrial and Systems Engineering (ISE) at Virginia Tech invites applications for a faculty position effective August 2019 at any rank, with preference for a senior faculty member. For particularly well-established Full Professor candidates with outstanding credentials, an endowed faculty fellowship may be available. We seek outstanding candidates with strong methodological skills in operations research and expertise in application areas such as data analytics, healthcare, decision sciences, logistics and supply chain, intelligent infrastructure, smart manufacturing, or energy systems. Candidates will have the opportunity to work with a wide range of research groups and faculty within the Department, College, and University, including those working in the areas of mixed integer programming, stochastic optimization, queueing and queueing networks, and simulation.

The ISE Department is comprised of 33 faculty with approximately 580 undergraduate students, 120 master's students, and 90 doctoral students. The undergraduate and graduate ISE programs are currently ranked sixth and seventh, respectively, by U.S. News & World Report. Additional information about the department can be found at [www.ise.vt.edu](http://www.ise.vt.edu).

Candidates are expected to lead innovative and high-quality research, build a strong sponsored-research program, develop and teach graduate and undergraduate courses in ISE, and advise and mentor graduate and undergraduate students. Candidates for the senior position should have a record of achievement commensurate with a senior faculty member and are expected to provide organizational and research leadership, mentor junior faculty, and build collaborative relationships, both within the Department and across the College of Engineering and University. The position requires a Ph.D. in industrial and systems engineering, operations research, or a closely related field.

In addition to collaborating with faculty in ISE, the successful candidate will have the opportunity to engage in transdisciplinary research, curriculum, and outreach initiatives with other university faculty members working in the university's *Data and Decisions* Destination Area (<https://provost.vt.edu/destination-areas.html>). The *Data and Decisions* Destination Area is focused on advancing the human condition and society with better decisions through data. Faculty working together in this area are integrating data analytics and decision sciences across the transdisciplinary research and curriculum efforts at Virginia Tech and beyond.

Interested individuals should apply online at [jobs.vt.edu](http://jobs.vt.edu) (posting number TR0180137). Candidates should submit a cover letter, current CV, research statement, teaching statement, diversity statement, three relevant research publications, and the names of at least three references. Review of applications will begin immediately, and the deadline for ensuring full consideration is November 30, 2018. The position will remain open, and applications may be considered, until the position is filled. Applicants who are interested in meeting with an ISE faculty at the 2018 INFORMS Conference should contact the Search Committee Chair, Dr. Subhash Sarin ([sarins@vt.edu](mailto:sarins@vt.edu)).

Virginia Tech is committed to a culturally and ethnically diverse campus environment and to principles that promote inclusive practices. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, or veteran status. Virginia Tech is the recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The ISE Department strongly supports the Virginia Tech Principles of Community.