



Faculty Position in the Grado Department of Industrial and Systems Engineering
Virginia Tech – Assistant Professor, Decision Analysis

The Grado Department of Industrial and Systems Engineering (ISE) at Virginia Tech invites applications for a tenure-track faculty position at the rank of Assistant Professor, effective August 2018. We seek outstanding candidates in the area of *Decision Analysis*, with an emphasis on decision-making to inform the design, verification, deployment, operation, and management of engineered systems or socio-technical systems. Candidates with theoretical interests and the potential to conduct translational along with transdisciplinary research will be strongly preferred. Candidates will have the opportunity to work with a wide range of research groups and faculty within the department, including those that are working in the areas of data analytics, decision science, systems engineering, and systems science with applications in management systems, health systems, engineering economics, and intelligent infrastructure systems, among others.

The ISE Department is comprised of 30 full-time faculty with approximately 550 undergraduate students, 170 master's students, and 90 doctoral students. The undergraduate and graduate ISE programs are currently ranked eighth and sixth, respectively, by U.S. News & World Report. Additional information about the department can be found at 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. The position requires a Ph.D. in Industrial and Systems Engineering, Systems Engineering, or a closely related field. Preferred qualifications include demonstrated experience with teaching or research in areas that align with existing departmental research strengths and with Virginia Tech's university-wide, transdisciplinary focus on *Data and Decisions*.

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 (posting number TR0170183). Candidates should submit a cover letter, current CV, research statement, teaching statement, one or two 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 December 31, 2017. The position will remain open, and applications may be considered until the position is filled. For more information or for any questions about the search, please contact the Search Committee at (ise-search@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.