The University of South Florida invites applications for an Instructor position in

**Industrial and Management Systems Engineering**

The Department of Industrial and Management Systems Engineering (IMSE) at the University of South Florida invites applications for a non-tenure track Instructor I position starting in August 2019. Teaching and research interests of the applicants should intersect with the departmental core thrusts in data analytics and operations research with applications in smart city/urban infrastructure, including healthcare and public health systems, electricity, water, and transportation. Applicants must have a doctoral degree in industrial engineering or related field. Preferred qualifications include demonstrable knowledge and teaching/industry experience in engineering data analytics; programming with a subset of languages including C, C++, Python, R, and VBA; computer database applications including SQL and Microsoft Access; optimization, simulation, and statistical design, and ability to engage and motivate engineering students through comprehensive hands-on projects. Candidates with years of relevant experience of teaching at both undergraduate/graduate levels, applying the above tools in industry, and committed to continuing education in the above areas are encouraged to apply.

Successful candidates will be expected to establish a strong commitment to student success through undergraduate and graduate teaching, mentoring, curriculum development, accreditation, and service to the department/college/university. Candidates are expected to have excellent communication skills, be able to work effectively in teams, integrate education and service activities, and engage in leadership in professional societies. Candidates must be committed to diversity among students, faculty and staff.

The IMSE Department has 16 faculty members and offers B.S., M.S. and Ph.D. degrees in Industrial Engineering, an M.S. degree in Engineering Management, and is very active in offering distance-learning opportunities. The department currently hosts 190 undergraduates, 200 masters, and 30 full time doctoral students. Its faculty has strong collaborations with all other departments in the College of Engineering, the Colleges of Medicine, Nursing, Public Health, Business, and Arts & Sciences. The Department also has strong ties with various centers and institutes such as the Center for Urban Transportation Research, the H. Lee Moffitt Cancer Center and Research Institute, Byrd Alzheimer’s Institute, USF Diabetes Center, and with organizations outside USF, such as the Florida Medical Manufacturers Consortium, Tampa General Hospital, and James A. Haley Veterans’ Hospital. Further information about the Department can be found at [http://www.usf.edu/engineering/imse/](http://www.usf.edu/engineering/imse/)

The College of Engineering at the University of South Florida is ranked at #55 among public institutions by U.S. News & World Report’s 2019 engineering graduate school rankings. The college serves nearly 7,000 students, offering ten bachelor’s programs, seven ABET-accredited, as well as 12 master’s and eight doctoral degrees. The College is actively engaged in local and global research activities with $36.4 million in research awards for the fiscal year 2017-2018. The College has 11 major research centers and institutes and is actively engaged in local and global research activities focused on sustainability, biomedical engineering, computing technology and transportation.

The University of South Florida System is a high-impact, global research system dedicated to student success. In 2018, the Florida Board of Governors designated USF Tampa as a Preeminent State Research University, placing USF in the most elite category among the state’s 12 public universities. With more than $500 million in annual research expenditures, USF ranks 29th in the nation among public universities as reported by the National Science Foundation (2016). USF Tampa was ranked #19 among the “Best Universities for Technology Transfer, 2017” by the Milken Institute. USF ranks 1st in Florida, 5th in the nation among public universities and 12th world-wide for granted U.S. patents among all universities according to the Intellectual Property Owners Association/NAI (2017) and has ranked in the Top 10 among public universities for U.S. patents granted for the past eight years (2010-2017).

USF offers a first-class benefit package that includes medical, dental and life insurance plans, retirement plan options, tuition program and generous leave programs and more. Tampa Bay is home to 19 corporate headquarters with over $1 billion in annual revenue, eight of which are Fortune 1000 companies. Tampa is also home to USSOCOM. Tampa is the nation’s second-fastest-growing tech hub.

Review of applications will begin immediately. Full consideration will be given to applications received by November 9, 2018. Applicants must electronically submit the application packet to the following website: [http://www.usf.edu/administrative-services/human-resources/careers/](http://www.usf.edu/administrative-services/human-resources/careers/) (Applicants search Job Opening ID# 18736). The packet must contain a cover letter, complete vitae with list of publications and research activities, names and detailed contact information for four references, a 1-page statement of the applicant’s teaching interests and vision as well as career objectives. The cover letter should be addressed
to Dr. Alex Savachkin, Faculty Search Committee Chair, Industrial and Management Systems Engineering, University of South Florida, 4202 E. Fowler Ave, ENB 118, Tampa, Florida, 33620.

The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. To request disability accommodations in the application and interview process, please notify Khoa Dinh, the EOL Coordinator at (813) 974-9272 at least five working days in advance.