

The University of South Florida invites applications for **multiple faculty positions** in

## Industrial and Management Systems Engineering (IMSE)

The Department of Industrial and Management Systems Engineering invites applications for **multiple** tenured/tenure-track faculty positions at the **Full /Associate/Assistant Professor** levels starting in August 2024. The research and educational interests of the applicants should intersect with the departmental core methodological research thrusts in **developing algorithms and methodologies** for enhancing **machine learning**, **optimization**, **and data analytics methods** to support decision-making applications in **smart city/urban infrastructure** (including cybersecurity, healthcare systems, energy, water, transportation, and public health), **logistics**, and **manufacturing**. Minimum qualification will be a doctoral degree either in **industrial engineering**, **electrical engineering**, **computer science**, or a related field from an accredited research institution. Preferred qualifications include 1) **research expertise** in one or more areas, including **machine learning**, **large-scale robust optimization and game theory**, **data analytics**, and **computing methods**; 2) a strong publication record in top-tier peer-reviewed journals/conferences, and, if seeking associate/full professor rank, a high citation h-index; 3) significant potential (or demonstrated record) for conducting research funded by grants and contracts from federal agencies and state/private sources as a principal investigator; 4) potential/demonstrated ability to form multi-level, interdisciplinary research collaborations; 5) a strong potential/record of successfully funding and mentoring doctoral students and post-doctoral scholars; and 6) demonstrated experience/potential for developing and teaching undergraduate and graduate level courses, particularly Ph.D. level courses. Successful candidates are expected to possess strong **leadership** and **communication** skills, be able to work effectively in **diverse** teams, integrate research, education, and service activities, and be actively engaged in professional society leadership.

The IMSE Department currently has 15 full-time faculty members and offers B.S., M.S., and Ph.D. degrees in Industrial Engineering together with an M.S. degree in Engineering Management (MSEM) and an M.S. degree in Data Intelligence (MSDI) and is highly engaged in delivering distance learning opportunities. The department currently hosts 310 undergraduates, 225 masters, and 25 full-time doctoral students. IMSE faculty has strong collaborations with other departments within the College of Engineering, the Colleges of Medicine, Nursing, Public Health, Business, and Arts & Sciences. The department has strong ties with various centers and institutes such as the Institute of Applied Engineering, Center for Urban Transportation Research, the H. Lee Moffitt Cancer Center and Research Institute, Byrd Alzheimer’s Institute, USF Sleep Research Center, and with organizations outside of USF such as City of Tampa, Tampa Electric Company, Tampa General Hospital, and James A. Haley Veterans’ Hospital.

Established in 1964 and currently under the leadership of Dean Robert H. Bishop, the College of Engineering is ranked #56 among public institutions (#85 overall) by [U.S. News & World Report’s 2023-2024 engineering graduate school rankings](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.usnews.com%2Fbest-graduate-schools%2Ftop-engineering-schools%2Funiversity-of-south-florida-02048&data=05%7C01%7Ckddinh%40usf.edu%7C2de39d3140a345895a8f08db88646c0f%7C741bf7dee2e546df8d6782607df9deaa%7C0%7C0%7C638253737111217140%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=8rCC%2B0D3P5VjjaW1ZEMIm6VrWdmGcher%2Fsjp9Qr6WTk%3D&reserved=0). The college serves more than 7,500 students, offering 11 bachelor’s programs, nine of which are ABET-accredited, as well as 13 master’s and eight doctoral degrees. The college is actively engaged in local and global research activities with $42.9 million in research expenditures for 2021-2022. The college has 12 major research centers and institutes and is actively engaged in local and global research activities focused on sustainability, biomedical engineering, computing technology and transportation. USF, a high-impact research university dedicated to student success and committed to community engagement, generates an annual economic impact of more than $6 billion. With campuses in Tampa, St. Petersburg and Sarasota-Manatee, USF serves approximately 50,000 students who represent nearly 150 different countries.  For four consecutive years, USNWR has ranked USF as one of the nation’s top 50 public universities. In 2023, USF became the first public university in Florida in nearly 40 years to be invited to join the Association of American Universities (**AAU**), a prestigious group of the leading universities in the United States and Canada. Through hundreds of millions of dollars in research activity each year and as one of top universities in the world for securing new patents, USF is a leader in solving global problems and improving lives. USF is a member of the American Athletic Conference. Learn more at [**www.usf.edu**](https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Flink.mediaoutreach.meltwater.com%2Fls%2Fclick%3Fupn%3DyCeWnehPjCBqeQfvpCOxhheCCUOwEt-2Bc6ChHcwq-2BZBM-3DEzC4_d-2BdKJI-2BoeJETugUxRCt2UzUSgclOnHUiGrMcyapch8SZJtjR8pP3bg4zj-2B-2FABXAAiKMXTA8qm1AaBfzSpHrHdR674NtpmJWt3UnUh9HdjmFw-2F91ouueFzA8RSO2oN6rkekbDijfSpVcWZlAedOMRCQxmHuaAhJyQeIJsnwsC2TYTeYaGE59qeDxZQKM1oeE2oG-2FrVESbp2hDOPYLOFEEJxntuRQLafHTaXtd3xDEpoIm-2FmJnIF4ALhAkGYc9NiByByzFfso4vAo71WQOoQM8vVuCYLmoXdbUVVJALb-2Bj-2F8VIyVZQF2I0ZP0lacmeR9FWJDZpLxyM7T1O69Yuot3002ivmZb-2FY1mX79qgkwdUYGPYpfpv7Igw3C1ecT6ap005X23Y9YVLwFIrqerE8Q9uFA-3D-3D&data=05%7C01%7Ckddinh%40usf.edu%7C68da56912d43498e3b3708db87a80ff0%7C741bf7dee2e546df8d6782607df9deaa%7C0%7C0%7C638252928122719842%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=Fc1QQZKxamVJsI4NBq6INu9jtfoMrwue%2BWjTtVN0fbY%3D&reserved=0).

An application package should include a cover letter indicating your interest in a specific rank, a complete curriculum vitae with a list of publications and research grants and contracts, detailed contact information for four references, a one-page statement of the applicant’s research vision, and a one-page teaching statement. The cover letter should be addressed to **Dr. Hadi Gard, Search Committee Chair,** Industrial and Management Systems Engineering. Applicants must electronically submit the application packet as one PDF file to the following website: https://www.usf.edu/work-at-usf/careers/index.aspx . For consideration, please apply to the appropriate position level (Full Professor, search Job ID#35057, Associate Professor, search Job ID#35056, Assistant Professor, search Job ID#35055). Applications will be considered immediately until the positions are filled.

USF is an equal opportunity, equal access academic institution that embraces diversity in the workplace. The University of South Florida does not discriminate on the basis of age, disability, genetic information, national origin, pregnancy, race/color, religion, sex, sexual orientation, gender identity, or any other unlawful basis. Dual career couples with questions about opportunities are encouraged to contact the Department chair. 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.