



Florida A&M University-Florida State University COLLEGE OF ENGINEERING

Department of Industrial and Manufacturing Engineering
2525 Pottsdamer Street, Tallahassee FL 32310-6046
<http://www.eng.fsu.edu/ime/>



Tenure-Track Faculty Position in Systems Engineering

The Department of Industrial and Manufacturing Engineering at Florida A&M University- Florida State University College of Engineering invites applications for a tenure-track faculty position in the area of systems engineering. The preferred candidate would be hired at the assistant professor level, although applicants with outstanding qualifications and experience may be considered for appointment at a higher rank, and tenure can be considered. Successful candidates are expected to develop a strong externally-funded research program. The successful candidate must also demonstrate excellence in teaching undergraduate and graduate courses and mentoring M.S. and Ph.D. students, and participate in service activities within the department, the university and the profession.

Applicants should hold a Ph.D. in Industrial Engineering, Systems Engineering, Operations Research, Statistics, Computer Science or a related discipline. The desired research and teaching areas of interest include system modeling, simulation, risk analysis and analytics with applications including but not limited to energy systems, healthcare systems, transportation systems, advanced manufacturing, biomedical engineering and resilient infrastructure.

The FAMU-FSU College of Engineering is unique in combining two outstanding universities with overlapping but distinct missions - the nation's top Historically Black College/University with one of the nation's ~100 Highest Research Activity Universities. As such we provide an outstanding research and entrepreneurship based education to one of the most diverse student populations in the US.

The IME Department presently has 14 faculty members, ABET accredited B.S. programs in industrial engineering with 175 undergraduate students, and M.S. and Ph.D. programs in industrial and manufacturing engineering and engineering management with over 60 graduate students.

The IME department provides excellent research opportunities as home of the High-Performance Materials Institute. Additional research opportunities are available through collaboration with several FAMU and FSU laboratories/centers including the National High Magnetic Field Laboratory, the Center for Advanced Power Systems, and the Center of Research Excellence in Science and Technology*. Over the last 5 years, the annual research expenditures have averaged approximately \$2.5 million from multiple sources including active NSF and DoD grants. According to ASEE, over the past 10 years, our research expenditures per faculty have ranked among the top 5 IE departments.

Applicants should submit:

- Cover letter
- Full curriculum vitae
- 2-page research statement
- 1-page teaching statement
- No more than four selected publications for review
- Names and contact information of three potential references
- EEOC form(<https://www.eng.famu.fsu.edu/resources/pdfs/FAMU-FSU-COE-EEOC-Form-for-Applicants.pdf>)

Application documents should be sent in pdf format to systemssearch@eng.famu.fsu.edu. Any questions about the position should be directed to Prof. Chiwoo Park at chiwoo.park@eng.famu.fsu.edu. Review of applications will begin November 1st 2017, but applications will be accepted until Dec. 15th or later if the position is unfilled.

Florida A&M University and Florida State University are Equal Opportunity/Affirmative Action employers that encourage applications from minorities and women, and comply with the American Disabilities Act. Both are public records agencies pursuant to Chapter 119, Florida Statutes.

* www.eng.famu.fsu.edu/research/report



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Tenure-Track Faculty Position in Optimization

The Department of Industrial and Manufacturing Engineering at Florida A&M University- Florida State University College of Engineering invites applications for a tenure-track faculty position in the area of optimization. The preferred candidate would be hired at the assistant professor level, although applicants with outstanding qualifications and experience may be considered for appointment at a higher rank, and tenure can be considered. Successful candidates are expected to develop a strong externally-funded research program. The successful candidate must also demonstrate excellence in teaching undergraduate and graduate courses and mentoring M.S. and Ph.D. students, and participate in service activities within the department, the university and the profession.

Applicants should hold a Ph.D. in Industrial Engineering, Systems Engineering, Operations Research, Computer Science, or a related discipline. The desired research and teaching areas of interest are in optimization theory including stochastic programming and integer programming with applications in machine learning, data science, energy systems, healthcare systems, transportation systems or resilient infrastructure.

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Applicants should submit:

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- Full curriculum vitae
- 2-page research statement
- 1-page teaching statement
- No more than four selected publications for review
- Names and contact information of three potential references
- EEOC form(<https://www.eng.famu.fsu.edu/resources/pdfs/FAMU-FSU-COE-EEOC-Form-for-Applicants.pdf>)

Application documents should be sent in pdf format to optimsearch@eng.famu.fsu.edu. Any questions about the position should be directed to Prof. Arda Vanli at oavanli@eng.famu.fsu.edu. Review of applications will begin November 1st 2017, but applications will be accepted until Dec. 15th or later if the position is unfilled.

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