

Postdoctoral Researcher in Multiscale Stochastic Optimization

Description: The department of Operations Research and Engineering Management within the Lyle School of Engineering at the Southern Methodist University seeks candidates for a Postdoctoral Research Associate in stochastic optimization. The initial appointment is for one year, with a possible extension for an additional year. The Postdoctoral Research Associate will play an active role in a multi-institution project supported by Department of Energy. The postdoc will have ample opportunities to collaborate with researchers from the Ohio State University, University of Southern California, and Argonne National Laboratory. The primary duties will include (i) active research in modeling, optimization, simulation, and computer implementation, (ii) manuscript development for peer-reviewed publications, and (iii) assistance with additional sponsored research activity.

Position Requirements:

- Successful completion of a Ph. D. (by the time of joining) in Operations Research, Applied Mathematics, Computer Science, or other related engineering fields.
- Must have experience in stochastic and/or discrete optimization. Additionally, exposure to modeling for infrastructure planning will be beneficial.
- Highly motivated to pursue computational aspects of optimization research.
- Candidate must have excellent written and verbal communication skills with the ability to communicate effectively with a wide range of constituencies.

Salary: Salary commensurate with experience and qualifications.

Deadline to Apply: The position is available immediately and applications will be reviewed until the position is filled.

Contact: For more information regarding the research project and the open position, interested candidates can contact [Harsha Gangammanavar \(harsha@smu.edu\)](mailto:harsha@smu.edu).

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