

The School of Industrial and Systems Engineering at the University of Oklahoma (OU) is seeking one **Postdoctoral Scholar** to work on **Cyber-Physical-Social Analytics**. The successful candidate will have the opportunity to collaborate with National and International scholars from Oklahoma Water Survey, Centre for Water Systems in the UK, Oakridge National Laboratory, and OU National Institute for Risk and Resilience.

Applicants should hold a Ph.D. degree in industrial and systems engineering, operations management, computer science or a related field; have a record of high impact peer-reviewed journal publications; prior experience with **Algorithmic Game Theory** (non-cooperative and cooperative), **Mathematical Modeling (Stochastic/Multi-objective optimization)**, and excellent quantitative, analytical, and **communication** skills. Strong programming skills in *Python* will be a plus. Interested applicants should send a cover letter, CV, a list of representative journal publications, and the names of three references to Dr. Shima Mohebbi ([mohebbi@ou.edu](mailto:mohebbi@ou.edu)).

The University of Oklahoma is classified by the Carnegie Foundation as a Very High Research institution, placing it in the highest tier of research universities in the nation.

The position is available immediately and applications will be reviewed until the position is filled. The initial appointment will be for one year and can be extended to the second year depending on job performance.