

FACULTY RESEARCH AND EXPERTISE

FACULTY MEMBER

Christopher M. Rump

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BIO: Dr. Christopher Rump is an Associate Professor of Operations Research. He earned a B.S. in Applied Mathematical Sciences at Texas A&M University and a Ph.D. in Operations Research at The University of North Carolina at Chapel Hill. His research interests have covered a broad span of applications including sports statistics, production and inventory planning, queueing facility location, hazardous material routing, police districting and resource allocation, and emergency vehicle dispatching and routing.

He has served as an Associate Editor for INFORMS Transactions on Education. He is also a past president of Omega Rho, the international honor society for Operations Research and the Management Sciences.



AREAS OF EXPERTISE

- Applied Probability
- Operations Research
- Business Analytics

RESEARCH INTERESTS

- Queueing Analysis
- Facility Location
- Districting
- Dispatching & Routing
- Production Scheduling
- Data Clustering

CONSULTING PROJECTS

- Production Planning and Scheduling in Glass Industry
- Service Dispatching & Routing with Time Windows
- Police Patrol Beat Districting