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Education

Ph. D.	The University of Texas at Austin, Operations Research and Industrial Engineering Program	August, 2003
M. S.	Huazhong University of Science and Technology, China, Mechanical Engineering	May 1998
B.S.	Huazhong University of Science and Technology, China, Mechanical Engineering	May 1994

Academic Appointment

09/03–present Assistant Professor of Industrial Engineering
Department of Biomedical, Industrial and Human Factors Engineering
Wright State University

Publications

- Zhang, X. and J. F. Bard, "Equipment Scheduling at Mail Processing and Distribution Centers," *IIE Transactions on Scheduling and Logistics*, 37:2, 175-187 2005
- Zhang, X. and J. F. Bard, "Comparative Approaches to Equipment Scheduling in High Volume Factories", *Computer and Operations Research*, 37:1, 132-157 2006
- Zhang, X. and J. F. Bard, "A Multi-Period Machine Assignment Problem," *European Journal of Operational Research*, 170:2, 398-415 2006
- Zhang, X., "A Mathematic Model for the Television Primetime Advertising Allocation Problem," *International Journal of Operations Research*, 1:3, 302-322 2006
- Zhang, X., H. Chen and A. Chakravarthy "Structure Design and Optimization for 2D LFSR Based Multi-Sequence Test Generator in Built-In Self-Test," *IEEE Transactions on Instrumentation and Measurement*, accepted with minor revision (2006)

Patents

System and Method for Optimizing Equipment Schedules, with J. Bard, R. Carginan etc., U.S. Provisional Application No. 60/507,504

Research Projects

US Postal Equipment Scheduling Project (Chief Developer)
Primetime Advertising Allocation Project for TV Networks (Chief Developer)
Crew Management in Airline Irregular Operations (One of the Key Developers) -- *the Franz Edelman Prize Winning Project, INFORMS 2002*

Society Membership

Institute for Operations Research and the Management Science (INFORMS)
American Society for Engineering Education (ASEE)