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Education

- BS, Industrial Engineering, Tennessee Technological University, 1982
- MS, Manufacturing Systems Engineering, Auburn University, 1988
- PhD, Mechanical Engineering, University of Illinois at Urbana-Champaign, 1995

Research Interests

- Healthcare systems engineering
- Optimal decision policies for system configuration and resource allocation
- Analysis of patient flow
- Automated patient flow tracking
- Design of operating room instrument sterilization systems
- Optimal condition-based scheduling for chronically ill patients
- Public health planning for flu pandemic scenarios

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