

## Identification Information

<b>Name</b>	<u>LIU</u> Fang
<b>Title</b>	Assistant Professor
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## Curriculum Vitae

### **Education:**

Ph.D. (Operations Management), Duke University, Fuqua School of Business, 2011

B.S. (Applied Mathematics), Peking University, School of Mathematics, 2006

### **Biography:**

### **Selected Publications:**

#### Journal Papers

Liu F., J.-S. Song. (2011). Good and Bad News about the (S, T) Policy. *Manufacturing & Service Operations Management*, 14(1), 42-49.

#### Conference Papers

Liu Fang and Arvind Sainathan. (2012, June). Optimal Timing, Pricing and Rationing Decisions for Selling New Product Variants with Short Life Cycles. Paper presented at *MSOM Society Annual Conference, New York, 2012*.

### **Research:**

↻ My general research interest is in supply chain management, including coordination mechanism design for supply chain sustainability, humanitarian operations, global production network design, and production-inventory management. I enjoy studying problems with strong application backgrounds, observed either through my own experience or through reading business news and cases. My main research approach is building mathematical models to represent the business problem under study and deriving analytical insights. The tools I employ include economics, stochastic processes, optimization, and dynamic programming.