

# Feng Tian

College of Business and Public Administration  
Governors State University  
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## Education

DBA, Boston University, 2008  
MS, University of Cincinnati, 2000  
ME, Xi'an Jiao Tong University, 1995  
BE, Xi'an Jiao Tong University, 1992

## Professional Experience

2009 – Present	Assistant Professor	Governors State University
2006 – 2009	Lecturer	School of Business, Boston University
2000 – 2002	Senior Software Engineer	Improv Systems (Beverly, MA)
1995 – 1997	Assistant Researcher	Xi'an Jiao Tong University (Xi'an, China)

## Research Interest

Supply chain management, operation system optimization, and stochastic modeling. Current research focus on integrated production planning and inventory optimization, and service constrained optimization. One major research area is the optimization of by-product system. Another research focus is how the service level constraint affects the operations decision.

## Courses Taught

Governors State University  
MGMT8430 Strategic Procurement and Material Management  
MGMT8400 Global Supply Chain Management  
MGMT7400 Operations Management Strategies  
MGMT6700 Foundations of Managerial Statistics

MGMT4410 Quality Management

MGMT4400 Supply Chain Management

MGMT3400 Production and Operations Management

STAT2700 Statistics for Management I

STAT3700 Statistics for Management II

Boston University

OM323 Operations Management

QM880/QM450 Modeling in Excel

Babson College

MBA8530 Managing Operations and Cost

### **Publications (Journals and Refereed Proceedings)**

F. Tian, 2013 “*A Multi-Dimension Framework of Production Process Service Level Measurement*”, DSI Annual Conference Proceedings, Baltimore, 2013

F. Tian, 2012 “*Optimal Policy in a Make-to-Stock System with Two Demand Classes and Service Level Constraints*”, DSI Annual Conference Proceedings, San Francisco, 2012

F. Tian, and S. Willems, 2011 “*A Finite Horizon Optimal Policy Problem for a By-Product System*”, DSI Annual Conference Proceedings, Boston, 2011

A. Andrews, J. Simon, F. Tian, and J. Zhao, 2011, “*Toyota Crisis: Economic, Strategic, and Operational Causes and Consequences of the Massive Recall*”, Management Research Review, Vol. 34, Issue, 10

Tian, F., S. Willems, and K. Kempf, 2011, “*An Iterative Approach to Item-Level Tactical Production and Inventory Planning*”, International Journal of Production Economics, Vol. 133, Issue 1

Tian, F., S. Willems, “*Optimal Production and Allocation Policies for a By-Product Problem*”, Proceedings of DSI Annual Conference, San Diego, CA, 2010

A. Andrews, J. Simon, F. Tian, and J. Zhao, “*Toyota Crisis: Economic, Strategic, and Operational Causes and Consequences of the Massive Recall*”, Proceedings of Southern Management Association Annual Conference, St. Pete Beach, Florida, 2010

Tian, F., and S. Willems, “*Stock Rationing in a Make-to-Stock Production System with Two Demand Classes and Service Level Constraint*,” Proceedings of the M&SOM Annual Conference, Beijing, China, 2007

## Presentations

“*A Multi-Dimension Framework of Production Process Service Level Measurement*”, DSI Annual Conference, Baltimore, 2013

“*Optimal Inventory Allocation Policy for a Pooling System with Service Level Constraint*”, DSI Annual Conference, San Francisco, 2012

“*A Finite Horizon Optimal Policy Problem for a By-Product System*”, DSI Annual Conference, Boston, 2011

“*Optimal Production/Inventory Policy of a Semiconductor Supply Chain*”, Dalian Maritime University, 2011

“*Optimal Production and Allocation Policies for a By-Product Problem*”, DSI Annual Conference, San Diego, CA, 2010

“*Toyota Crisis: Economic, Strategic, and Operational Causes and Consequences of the Massive Recall*”, Southern Management Association Annual Conference, St. Pete Beach, Florida, 2010

“*Yield Selection in a By-Product System with Stochastic Demands and Downward Substitution*”, DSI Annual Conference, New Orleans, 2009

“*Stock Rationing in a Make-to-Stock Production System with Two Demand Classes and Service Level Constraint*”, M&SOM, Beijing, 2007

“*Modeling the Service Level of a Two Customer Make-to-Stock Production System*”, INFORMS, Pittsburg, 2006

“*Stock Rationing Policy for a Make-to-Stock System with Two Priority Classes and Tagged Orders*”, INFORMS, Denver, 2004

## Working Papers

Tian, F., and S. Willems, “*Optimal Production Policy for a By-Product System with Stochastic Demands and Downward Substitution*,”

Tian, F., and S. Willems, “*A Single Period By-Production Model with Stochastic Demands and Downward Substitution*,” under revision

Tian, F., “*Yield Selection in a By-Product System with Stochastic Demands and Downward Substitution*”

Tian, F., “*A Newsvendor Model with Service Level Options*”

Tian, F., “*A Multi-Dimension Framework of Production Process Service Level Measurement*”

Tian, F., and D. Yao, “*How Much Should You Pay for the Supplier’s Service Level?*”

## **Professional Service**

Ad Hoc referee for

*Manufacturing & Service Operations Management*

*Decision Science Institute Annual Conference Proceedings*

Co-Chair, Educational Committee, *Council of Supply Chain Management Professionals*,  
Chicago Roundtable, 2011-2012