Department of Information and Operations Management Doctoral Program

http://supplychainPhD.tamu.edu

MAYS BUSINESS SCHOOL
TEXAS A&M UNIVERSITY

The doctoral program in supply chain management is strongly research oriented and has a systems point of view. It stresses the interrelations of the functional business areas and the importance of effective decision making with the goal of developing professionals who are well grounded in underlying theory in their disciplines and who have refined problem-solving capabilities. The program has three primary objectives:

- *Provide comprehensive knowledge of business concepts and practices in functional business areas to support teaching and research interests*
- *Develop advanced competencies for conducting quality research, directing research of others, and communicating research findings through teaching and writing*
- *Prepare candidates for the varied responsibilities of academic careers or for positions requiring similar research and analytical skills*

The doctoral degree is designed to give the candidate a thorough and comprehensive knowledge of the professional field and training in methods of research. The final basis for granting the degree is the candidate's grasp of the subject matter of a broad field of study and a demonstrated ability to do independent research that makes a significant contribution to the body of knowledge. In addition, the candidate must acquire the ability to express thoughts clearly and forcefully both orally and in writing. The degree is not granted solely for the completion of course work, residence and technical requirements, although these must be met.

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DEPARTMENT HIGHLIGHTS

Mays and SCM Program Awards and Rankings:
#4 SCM Program, Scope of Program (AMR Research, 2009)
#8 SCM Program, Depth of Program (AMR Research, 2009)
#8 in Publishing in Production and Operations Management and Journal of Operations Management (2007-2011)
#9 U.S. Public PhD Program (Financial Times, 2006)
#9 U.S. PhD Program (Gartner Group, 2011)
#28 U.S. (#37 World) Faculty Scholarship (SSRN, 2006)

Leadership:
Chair, DSI Doctoral Consortium (2007), Chair, DSI Faculty & Professional Development Program (2010), Chair, CSCMP Educators Conference (2008), Founding Member and Treasurer/Secretary, INFORMS Section on Service Science (2007-2011), Treasurer, POMS College of Sustainability (2008-2010), Treasurer, POMS College of Behavioral OM(2008-2010), President, System Dynamics Society (2010-2011), Editor, System Dynamics Review (2012)

Average Annual Publications in Leading Journals: 21

Key Publication Outlets:
Journal of Operations Management, Management Science, Manufacturing & Service Operations Management, Production and Operations Management,
Decision Sciences, European Journal of Operational Research, International Journal of Production Research

Associate and Senior Editor Positions:
Decision Sciences, INFORMS Journal on Computing, Journal of Operations Management, Journal of Supply Chain Management, Naval Research Logistics, Production and Operations Management (12 in total)

Editorial Review Board Positions:
Decision Sciences, Journal of Operations Management, International Journal of Production Economics, Manufacturing & Service Operations Management, Production and Operations Management (35 in total)

Editorial Awards:
Best Associate Editor, Journal of Operations Management (2008), Best Associate Editor Appreciation Award, Journal of Supply Chain Management (2008), Best Reviewer, Journal of Operations Management (2011)

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FACULTY AND RESEARCH INTERESTS

Richard Metters, Department Head and Tenneco Professor in Business
Supply chain management; service operations; inventory management

Antonio Arreola-Risa, Associate Professor
Manufacturing and inventory systems as well as service operations, with emphasis on enterprise resource planning/supply chain management and health care systems management

Neil Geismar, Associate Professor
Robotic cell scheduling, production and delivery; coordination for zero-inventory systems; currency supply chain

Gregory R. Heim, Associate Professor
Service and e-service operations; management of technology and quality; supply chain management; empirical research methods

Michael Ketzenberg, Associate Professor and Mays Faculty Fellow
Inventory management; value of information in supply chain management; closed loop supply chains

Xenophon Koufteros, Associate Professor and Jenna and Calvin R. Guest Professor
Supply chain management and security, time-based competition, manufacturing strategy, product development and innovation

Subodha Kumar, Associate Professor
Electronic commerce and online environment; software engineering; analytical modeling; supply chain and IT; data mining and data quality

> The PhD program in operations management at Mays is unique because of the low student-faculty ratio. As a student you have the opportunity to pursue any research methodology, since the department has an expert in each of them. Moreover, as a Texas A&M student you have access to one of the best library resources in the country to conduct your research.
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> -Arunachalam Narayanan '06
> Assistant Professor
> Dwight Look College of Engineering
> Texas A&M University

Rogelio Oliva, Associate Professor
Service operations; behavioral operations management; behavioral decision-making in supply chains; system dynamics

Olga Perdikaki, Assistant Professor
Retail operations; supply chain coordination; contracting and incentive issues

Bala Shetty, Executive Associate Dean and Letbetter Chair in Business
Nonlinear resource allocation; network optimization; financial engineering; and supply chain risk management

Haoying Sun, Assistant Professor
Revenue management, retail operations, new product adoption, strategic consumer behavior, OM/marketing interface

Chelliah Sriskandarajah, Hugh Roy Cullen Chair in Business Administration
Production planning and scheduling, machine scheduling theory, maintenance scheduling, inventory and supply chain management

APPLY ONLINE AT MAYS.TAMU.EDU/GRADUATEAPPLICATION

December 10: *Early application submission by all PhD applicants, particularly those seeking funding opportunities, is strongly encouraged (U.S. citizens, U.S. permanent residents, and international). Submitting by December 10 allows applicants to be considered for all forms of financial support available; including university, Mays and department fellowships.*

April 15 - May 25: *Application closing begins as offers of admission are accepted.*

May 26: *Application closes to update application for the following year.*