

Akshay Mutha

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Education

Ph.D. in Business Administration expected May 2017
Department of Supply Chain & Information Systems, Smeal College of Business, The Pennsylvania State University, University Park, PA, USA
Dissertation: Essays in Product Acquisition in Closed Loop Supply Chains
Co-Chairs: V. Daniel R. Guide, Saurabh Bansal

M.S. in Supply Chain Management March 2008
School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore
Thesis: Strategic Network Design for Reverse Logistics

B.E. in Production Engineering July 2004
Government College of Engineering Pune, India

Research

Research Interests

Business aspects of closed-loop supply chains and remanufacturing operations
Product acquisition for remanufacturing
Product service systems

Publications

Mutha, A., S. Bansal, V. D. R. Guide. 2016. Managing demand uncertainty through core acquisition in remanufacturing. *Production and Operations Management*, **25**, 1449-1464.

Mutha, A., S. Pokharel. 2009. Strategic network design for reverse logistics and remanufacturing using new and old product modules. *Computers and Industrial Engineering*, **56**, 334-346.

Pokharel, S., A. Mutha. 2009. Perspectives in reverse logistics: A review. *Resources, Conservation and Recycling*, **53**, 175-182.

Working Papers

Mutha, A., S. Bansal, V. D. R. Guide. 2016. Buying and selling semi-finished inventories. Working Paper, The Pennsylvania State University, University Park, PA.

Work-in-progress

Mutha, A., S. Bansal, V. D. R. Guide. Optimal disposition decisions for used products.

Mutha, A., J.D. Abbey, V. D. R. Guide. Servicization: A business model with environmental benefits.

Presentations

Mutha, A., S. Bansal, V. D. R. Guide Jr. *Pricing In Remanufacturing Operations*. INFORMS 2016 Annual Conference, Nashville (To be presented).

Mutha, A., S. Bansal, V. D. R. Guide Jr. *Product Acquisition Management – A Third Party Remanufacturer Perspective*. POMS 2016 Annual Conference, Orlando.

Mutha, A., S. Bansal, V. D. R. Guide Jr. *Product Acquisition Management – A Third Party Remanufacturer Perspective*. INFORMS 2015 Annual Conference, Philadelphia.

Mutha, A., S. Bansal, V. D. R. Guide Jr. *Product Acquisition Management – A Third Party Remanufacturer Perspective*. POMS 2015 Annual Conference, Washington DC.

Mutha, A., S. Bansal, V. D. R. Guide Jr. *Product Acquisition Management – A Third Party Remanufacturer Perspective*. POMS 2014 Annual Conference, Atlanta.

Mutha, A., S. Pokharel. 2007. *Logistics Network Analysis for Stochastic Supply and Demand of Used Products*, 2nd International Conference on Operations and Supply Chain Management, Bangkok, Thailand.

Mutha, A., S. Pokharel. 2006. *Network Analysis for Reverse Logistics*, 7th Asia Pacific Industrial Engineering and Management Systems Conference, Bangkok, Thailand.

Teaching

Teaching Experience

Manufacturing and Service Strategies: Summer 2015, Fall 2016.

Teaching Evaluation

Overall quality of the instructor: 6.40/7 (Summer 2015)

Teaching Assistant

Transportation and Distribution (online masters course for GE employees): Spring 2013, Spring 2014.

Academic Honors & Awards

Jeanne and Charles Rider Graduate Fellowship, Smeal College of Business, The Pennsylvania State University. 2015.

Sustainability Research Grant, Smeal College of Business, The Pennsylvania State University. 2014.

Frank P. and Mary Jean Smeal Endowment Fund Scholarship, Smeal College of Business, The Pennsylvania State University. 2012.

Scholarship for Excellence in Graduate Recruitment, Smeal College of Business, The Pennsylvania State University. 2011.

Academic Service

Session Chair for *Topics in Product Acquisition* in the Closed-Loop Supply Chain track at POMS 2015 Annual Conference, Washington DC.

Ad hoc reviewer for: IIE Transactions

Affiliations: INFORMS, M&SOM, POMS.

Industry Experience

Dowell Schlumberger International Inc., Singapore

Supplier Leader

Jul. 2010 – Jun. 2011

Supplier Quality Engineer

Mar. 2008 – Jul. 2010

Minda Industries Ltd., India

Purchase Engineer

Aug. 2004 – Dec. 2005

References

V. Daniel R. Guide (Dissertation Co-Chair)
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John Eugene (Gene) Tyworth

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Chain Management
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