

RESUME

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Education

Ph.D in Management Science (Texas A&M University).

Master of Business Administration (MBA) with double major in Quantitative methods and Operations Management (University of Missouri, Kansas City)

Bachelor of Arts in Economics (University of Calcutta, India).

Research Interests

Primarily Business Applications and Modeling, particularly in Operations Management. Application areas have included Logistics, Inventory Grouping, Transportation, Manufacturing Capacity, Project Management, Facility Location, Portfolio Optimization, Service System Design, Healthcare applications, and Retail Operations

Teaching Interests

Operations Management, Business Analytics, Quality Management, Supply-Chain Management, Global Operations & Globalization, Applied Logistics

Employment History

Aug.2012 – Present

Professor with Management Department, Marquette University, Milwaukee.

Teach graduate Business Analytics, Operations & Supply Chain Management, Global Operations & undergraduate Operations & Supply Chain Management, Total Quality Management, Business Analytics, Globalization, and Applied Logistics

Aug.2000 – Aug. 2012

Associate Professor with Management Department, Marquette University, Milwaukee.

Aug.1994 – Aug.2000

Assistant Professor with Management Department, Marquette University, Milwaukee.

Aug.1989 - July 1994

Instructor in the Department of Business Analysis, Texas A&M University.
Taught/assisted Business Statistics, Management Science.

Jun.1987 - Oct.1988

Business Analyst with Nebraska Public Power District (NPPD), Columbus, Nebraska.

Sep.1985 - May.1987

Research Assistant in the School of Business, University of Missouri, Kansas City.

Sep.1980 - Aug.1985

Computer Analyst (Mandata Systems, Cincinnati and Bird & Co. & DPS(India), Calcutta,India)

Publications

1. "A Survey of Healthcare Facility Location"

A. Ahmadi-Javid, Dept. of Industrial Engineering, Amirkabir University of Technology, Tehran, Iran

P. Seyedi, Dept. of Industrial Engineering, Amirkabir University of Technology, Tehran, Iran

S. Syam, Dept. of Management, Marquette University.

Forthcoming in: Computers & Operations Research

2. "A decision support model for determining the level of product variety with marketing and supply chain considerations"

Journal of Retailing and Consumer Services, Volume 25, July 2015, 12-21

A. Bhatnagar, Dept. of Marketing, University of Wisconsin at Milwaukee.

S. Syam, Dept. of Management, Marquette University.

3 "Allocating a hybrid retailer's assortment across retail stores: bricks-and-mortar vs online"

Journal of Business Research, Vol 67.6 (2014): 1293-1302.

S. Syam, Dept. of Management, Marquette University, Milwaukee, WI.

A. Bhatnagar, Dept. of Marketing, University of Wisconsin-Milwaukee, Milwaukee, WI.

4. "Location-allocation modeling: an application to specialized healthcare services".

Operations Research in Healthcare, Vol. 1 (2012) 73-83.

S. Syam, Department of Management, Marquette University.

M.J. Cote, Department of Health Policy and Management, Texas A&M Health Science Center, School of Rural Public Health.

5. "A Decision Model for Ecommerce-enabled Partial Market Exit"

Journal of Retailing, Vol. 86, Issue 4 (2010), 324-336.

S. Syam, Dept. of Management, Marquette University, Milwaukee, WI.

A. Bhatnagar, Dept. of Marketing, University of Wisconsin-Milwaukee, Milwaukee, WI.

6 “A location-allocation model for service providers with application to not-for-profit healthcare organizations”.

Omega, International Journal of Management Science, Vol. 38, Issue 3-4, June-August 2010, 157-166.

S. Syam, Department of Management, Marquette University.

M.J. Cote, Department of Health Policy and Management, Texas A&M Health Science Center, School of Rural Public Health.

7. “A multiple server location-allocation model for service system design”

S. Syam, Department of Management, Marquette University.

Computers & Operations Research, July 2008, Vol. 35, No. 7, pgs. 2248-2265.

8. “A mixed integer programming model to locate traumatic brain injury treatment units in the Department of Veterans Affairs: a case study”.

M. J. Cote, Department of Health Services Administration, University of Florida, Gainesville,

S. Syam, Department of Management, Marquette University,

W. B. Vogel, Department of Health Policy, University of Florida, Gainesville,

D. C. Cowper, Department of Health Services Administration, University of Florida, Gainesville.

Health Care Management Science, 2007, Vol. 10, No. 3, pgs. 253-267.

9. “Production and inventory management under multiple resource constraints”.

K. Bretthauer, Department of Operations & Decision Technologies, Indiana University,

B. Shetty, Department of Business Analysis, Texas A&M University,

S. Syam, Department of Management, Marquette University,

R. Vokurka, Department of Economics, Finance & Decision Sciences, Texas A&M University – Corpus Christi.

Mathematical & Computer Modelling, Volume 44, Issues 1–2, July 2006, 85-95.

10. "A specially structured nonlinear integer resource allocation problem".

K. Bretthauer, Department of Operations & Decision Technologies, Indiana University,

B. Shetty, Department of Business Analysis, Texas A&M University,

S. Syam, Department of Management, Marquette University.

Naval Research Logistics, 50, 7, (October 2003), 770-792.

11. “A model and methodologies for the location problem with logistical components”

S. Syam.

Computers & Operations Research 29 (2002) 1173-1193.

12. "Multi-period capacity expansion in globally dispersed regions".

S. Syam.

Decision Sciences. Vol. 31, No.1, Winter 2000, 173-195.

13. "Coordinated Replenishments with Multiple Suppliers and Price Discounts".
S. Syam and B. Shetty.
Naval Research Logistics. Vol. 45 (1998), 579-598.
14. "A dual ascent method for the portfolio selection problem with multiple constraints and linked proposals".
S. Syam.
European Journal of Operational Research. Vol. 108, No. 1 (1998), 196-207.
15. "A model for the capacitated p-facility location problem in global environments".
S. Syam.
Computers & Operations Research. Vol. 24, No. 11 (1997), 1005-1016.
16. "A heuristic algorithm for the capacitated inventory grouping problem".
S. Syam and B. Shetty.
Decision Sciences. Vol. 27, No. 4 (Fall 1996), 711-733.
17. "A branch and bound algorithm for integer quadratic knapsack problems".
K. Bretthauer, B. Shetty and S. Syam.
INFORMS Journal on Computing. Vol. 7 No. 1, Winter 1995, 108-117.
18. "A projection method for the integer quadratic knapsack problem".
K. Bretthauer, B. Shetty, and S. Syam.
Journal of Operational Research Society. Vol. 47 (1996), 457-462.
19. "A model for resource constrained production and inventory management".
K. Bretthauer, B. Shetty, S. Syam and S. White.
Decision Sciences. Vol. 25, No. 4 (July/August 1994), 561-580.
20. "The case for research in decision support systems".
S. Syam and J. Courtney.
European Journal of Operational Research. Vol. 73 (1994), 450-457.

Current Research

1. "Countering Spillover Effects with R&D and Marketing: A Contingency Model"
A. Bhatnagar, Dept. of Marketing, University of Wisconsin at Milwaukee.
S. Syam, Dept. of Management, Marquette University.
2. "Minimizing activity costs in general project networks with alternative resources"
S. Syam, Dept. of Management, Marquette University.
G. L. Vairaktarakis, Weatherhead School of Management, Case Western Reserve University.
K. Fu, Lingram College, Sun Yat-Sen University, Guangzhou, China.