

David Dreyfus
PhD Graduate Student
Department of Supply Chain Management
The Eli Broad Graduate School of Management
Michigan State University
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PROFESSIONAL SUMMARY

Supply chain management PhD candidate at Michigan State University with a research focus on healthcare operations, waste, teams, disruptions, and risk. Six Sigma Green Belt and APICS certified. Expertise in **empirical research methods**. Diverse background with extensive business experience in the United States, China, and Western Europe. Strategic thinker with a blend of integrity, resourcefulness, and strong leadership skills.

EDUCATION

ELI BROAD SCHOOL OF BUSINESS, Michigan State University	East Lansing, MI USA
Ph.D. Business Administration	Expected May 2016
Major: Operations and Sourcing Management	
Minor: Management – Organizational Behavior	
Advisor: Anand Nair, Ph.D.	
Dissertation: Essays on Service Disruptions and Efficiency in Acute Episodes of Care.	
Committee: Anand Nair (Chair), Sriram Narayanan, Claudia Rosales, Brent Scott	

MOORE SCHOOL OF BUSINESS, University of South Carolina	Columbia, SC USA
International Master of Business Administration (IMBA)	May 2008

LEEDS SCHOOL OF BUSINESS, University of Colorado	Boulder, CO USA
Bachelor of Business Management. Operations (International, Environmental)	May 2005

RESEARCH INTERESTS

- Healthcare supply chain waste
- Healthcare supply chain disruption and risk management
- Teams in dynamic environments

MANUSCRIPTS UNDER REVIEW

- **Dreyfus, D.**, Talluri, S., and Nair, A. Chain Affiliation and Service Focus: Implications for Efficiency, Quality, and Patient Survival (Under revision for 2nd round R&R at *Production and Operations Management*.)
- Nair, A. and **Dreyfus, D.** Meaningful use of health information technology: An alignment perspective for investigating the role of technology planning and implementation in healthcare. (Under review at *Information Systems Research*.)

- Nair, A., Nicolae, M., and **Dreyfus, D.** An examination of the relationship between the size of healthcare network and hospital cost performance: Moderating role of demand and purchasing characteristics in low and high quality hospitals (Under review at *Production and Operations Management*.)
- Nair, A., Ataseven, C., Habermann, M., and **Dreyfus, D.** Toward a Continuum of Scales in Just-In-Time Research - An Examination of the Predictive Validity of Single-Item and Multiple-Item Measures (Under review at *Operations Management Research*.)

DISSERTATION PAPERS

- **Dreyfus, D.**, Nair, A., and Rosales, C. Ethnographic Study in the Operating Room (*Target: Management Science. Status: Dissertation essay #1, data analysis in progress.*)
- **Dreyfus, D.** and Nair, A. Systematic Literature Review of Hospital Disruptions (*Target: Journal of Operations Management. Status: Dissertation essay #2, data collected and synthesis in progress.*)
- **Dreyfus, D.**, Nair, A., Narayanan, S. Complexity and Service Disruption Risk in Acute Episodes of Care: Moderating role of Cohesion and Integration (*Target: Production & Operations Management. Status: Dissertation essay #3, survey construction in progress.*)

OTHER PUBLICATIONS

- **Dreyfus, D.**, Heinonen, J., Kinghorn, R., (2013). A supply chain management perspective on mitigating the risks of counterfeit products (A-CAPP Backgrounder)
http://a-capp.msu.edu/sites/default/files/Supply%20Chain%20Bgrounder_V8_FINAL.pdf

CONFERENCE PRESENTATIONS (Bold indicates presenter(s))

- **Nair, A., Dreyfus, D.**, and Rosales, C. (2015). Reducing Waste in the Operating Room: Research Evidence and Future Directions. Presented at the Michigan Association of Healthcare Resources and Materials Management (MAHRMM) Annual Fall Meeting. East Lansing, MI.
- Nair, A. and **Dreyfus, D.** (2015). Planning, Implementation, and Use of Healthcare Information Technology. Presented at the Production and Operations Management (POMS) Annual Meeting. Washington, DC.
- **Nair, A.** and Dreyfus, D. (2015). An Empirical Investigation of Antecedents and Implications for Meaningful Use of Health Information Technology. Presented at the India Subcontinent Decision Sciences Institute (ISDSI) International Conference. Pune, India.
- **Dreyfus, D.**, Nair, A., and Rosales, C. (2014). Waste in the Operating Room. Presented at the Decision Sciences Institute (DSI) Annual Meeting. Tampa, FL.
- Nair, A. and **Dreyfus, D.** (2014). Meaningful Use of Health Information Technology. Presented at the Decision Sciences Institute (DSI) Annual Meeting. Tampa, FL.
- Nair, A. and **Dreyfus, D.** (2014). The use of information technology in hospitals: An empirical investigation. Presented at the Production and Operations Management (POMS) Annual Meeting. Atlanta, GA.

- **Dreyfus, D.,** Nair, A., and Talluri, S. (2013). Efficiency Analysis of Dialysis Facilities: Identification of Best Practices. Presented at the Decision Sciences Institute (DSI) Annual Meeting. Baltimore, MD.
- **Dreyfus, D.,** Nair, A., and Talluri, S. (2013). Efficiency Analysis of Dialysis Facilities: Identification of Best Practices. Presented at the Production and Operations Management (POMS) Annual Meeting. Denver, CO.
- **Dreyfus, D.,** Nair, A., and Talluri, S. (2012). Efficiency Analysis of Dialysis Facilities: Identification of Best Practices. Presented at the Decision Sciences Institute (DSI) Annual Meeting. San Francisco, CA.

GRANTS AWARDED

- Survey research grant awarded from Broad School of Business , Michigan State University (\$5,000), 2015
- Research grant awarded from major Midwest teaching hospital (\$3,050.32), 2014
- Doctoral fellowship from the Department of Supply Chain Management, Broad School of Business, Michigan State University, 2011 - present

COURSES TAUGHT

Broad College of Business, Michigan State University

SCM470 – Supply Chain Application and Policy (Capstone Course)

Instructor rating: 4.39; Course rating: 4.29 (Rating include 25 of the 31 undergraduate students)*

Summer 2015

Instructor rating: 4.18; Course rating: 4.30 (Rating includes 37 of the 47 undergraduate students)*

Spring 2015

Broad College of Business, Michigan State University

SCM372 – Manufacturing, Planning & Control

Instructor rating: 4.75; Course rating: 4.56 (Rating includes 18 of the 25 undergraduate students)*

Fall 2012

Broad College of Business, Michigan State University

SCM303 – Introduction to Supply Chain Management

Instructor rating: 4.36; Course rating: 4.24 (Rating includes 27 of the 34 undergraduate students)*

Summer 2014

Instructor rating: 3.92; Course rating: 3.97 (Rating includes 23 of the 27 undergraduate students)*

Summer 2014

Instructor rating: 4.55; Course rating: 4.33 (Rating includes 16 of the 20 undergraduate students)*

Summer 2013

Instructor rating: 4.55; Course rating: 4.42 (Rating includes 27 of the 32 undergraduate students)*

Summer 2012

Instructor rating: 4.34; Course rating: 4.34 (Rating includes 20 of the 28 undergraduate students)*

Summer 2012

* **Instructor ratings** are the average of the following statements: (1) The instructor demonstrated enthusiasm about the subject matter of the course. (2) The instructor helped me to understand the subject matter of the course. (3) The instructor was well prepared and organized. (4) The instructor's methods for evaluating my performance were clear to me. (5) The overall quality of the instructor was excellent. **Course ratings** are the average of the following statements: (1) The course increased my understanding of the subject matter. (2) I gained useful knowledge and skills from this course. (3) The subject matter of this course challenged me to learn. (4) The overall quality of this course was excellent.

Broad College of Business, Michigan State University

SCM303 – Introduction to Supply Chain Management

Teaching Assistant (over 450 students per section) – 1 section

Spring 2012

Teaching Assistant (over 450 students per section) – 2 sections

Fall 2011

PROFESSIONAL SERVICE ACTIVITIES AND AFFILIATIONS

AD-HOC REVIEWER

- Decision Sciences Journal, Healthcare Track 2014 - present

CONFERENCE REVIEWER

- Decision Sciences Institute Annual Meeting – full papers 2014 & 2015

CONFERENCE SESSION ORGANIZER

- Decision Sciences Institute Annual Meeting, Healthcare Track 2014 & 2015

CONFERENCE SESSION CHAIR

- Decision Sciences Institute Annual Meeting, Healthcare Track 2014 & 2015

CERTIFICATIONS

- Six-Sigma Green Belt certified at Volvo Construction Equipment, North America 2010
- APICS certified in Production and Inventory Management (CPIM) 2009

AFFILIATIONS

- Member, American Production and Inventory Control Society (APICS) 2007 - present
- Member, INFORMS – *Southeast Michigan Chapter* 2011 - present
- Member, Manufacturing and Supply Operations Management (MSOM) 2011 - present
- Member, Production and Operations Management Society (POMS) 2011 - present
- Coach and founding member of the Academy of Future Business Researchers (AFBR) 2013 - present
- Member, Academy of Management (AOM) 2015 - present

PROFESSIONAL DEVELOPMENT WORKSHOPS

- Healthcare Management Division (HCMD), Emerging Scholars Consortium 2015
Academy of Management (AOM) Conference, Vancouver, BC, Canada.
- Organizational Behavior (OB), Bridging Relationships at Work 2015
Academy of Management (AOM) Conference, Vancouver, BC, Canada.
- Organizational Behavior (OB), The Social Nature of Emotions 2015
Academy of Management (AOM) Conference, Vancouver, BC, Canada.

DOCTORAL PROGRAM COURSEWORK

CONTENT COURSES

Contemporary Research Topics in Operations Management
Inventory & Supply Chain Management
Operations & Manufacturing Strategy
Procurement & Sourcing Theory
Group Processes
Intergroup Relations

Ram Narasimhan
David J. Closs & Claudia Rosales
Steven A. Melnyk
Gary L. Ragatz
Carlos D. Navarrete
Carlos D. Navarrete

METHODS COURSES

Applied Decision Models
Advanced Organizational Research Methods

Sri Talluri
Brent Scott

Statistical Models in Marketing
Statistical Research Methods
Econometrics IA
Introductory Econometrics
Organizational Research Methods

Roger J. Calantone
Sriram Narayanan
Jeff Wooldridge
Songqing Jin
John R. Hollenbeck

INDUSTRY EXPERIENCE

VOLVO CONSTRUCTION EQUIPMENT

Asheville, NC USA

Market Analyst

October 2008 – July 2011

Support sales and product management, both domestic and internationally, by gathering demand inputs and generating forecasts. Conduct research on economic trends, organize and interpret the data, and communicate business implications to management.

- Lead dealer forecast, a Six Sigma Green Belt project, resulting in savings of over 3600 hours and \$100,000 annually.
- Integrated SharePoint into the department, resulting in improved customer service and 10% reductions in server costs.
- Serve on cross-functional Enterprise Inventory Management team, which has saved over \$1,000,000 to date due to reduced floor plan time, shipping, and inventory.
- Chosen out of more than 30 applicants to begin the Operational Development Cost Savings Team, which consists of individuals from 8 different departments. The team has found and implemented more than \$150,000 in savings during its first 6 months.
- Research and publish monthly newsletter article covering macro economic topics, which is sent to thousands of customers.

INDEPENDENT CONTRACTOR

USA

Consultant

August 2007 - October 2008

Completion of various process improvement and cost reduction projects in North Carolina and South Carolina.

- Identified the bottlenecks in the Emergency Department of a major hospital, proposed a strategy to improve patient flow and customer service, which would result in millions of increased revenue per year.
- Automated report creation within Fortune 200 company to shorten information lead-time; with projected savings of over \$1,000,000 per year.
- Reduced and organized inventory, while leading a culture change for a textile equipment reseller that was experiencing major financial issues. Included, managing up to the CEO and introducing incentive plans for warehouse associates.

COLITE INTERNATIONAL, LTD - *global brand identity signage programs*

Wuxi, Jiangsu CHINA

Project Manager (*Internship as part of IMBA requirement*)

April 2007 - August 2007

Optimized business support functions in the service areas, including the order fulfillment process and contractor network. Assisted with the planning, and execution of projects for Holiday Inn and other companies throughout Asia and Australia.

- Lowered risk of error for all orders through value stream process mapping and implemented tools to ensure accuracy.
- Developed contractor search and tracking document, shortening lead-time 2 days on average.

DANYA INTERNATIONAL - *systems for global public health and education*

Silver Spring, MD USA

Communications Coordinator

September 2005 - June 2006

Served as first point of contact via email and phone for over 4,000 Head Start Reviewers. Developed and maintained tracking reports from the field for internal analysis, allowing more focused and concise correspondence to the Reviewers.

- Decreased incoming inquiries by over 27% through better customer service.
- Maintained open and efficient communication channels with the US Federal Department of The Office of Head Start.

DAVES STOVE-TOP POPCORN

Founder, Owner and Operator

Boulder, CO USA

April 2002 - May 2005

Started a popcorn company from the ground up, performing all duties as necessary for the life of the company.

- Achieved profits in the third year and eventually sold the company at a profit.
- Obtained financial backing, completed paperwork, and purchased necessary equipment for business.
- Developed three unique flavors, which were sold in over 30 locations in the Boulder area.

COMMUNITY SERVICE ACTIVITIES

- Boy Scouts of America Commissioner (2010 - 2011)
- Jewish Federation Volunteer Event Planner (2010 – 2011)
- Ran the Chicago Marathon for St. Jude Children's Research Hospital; raised over \$1,200 (2010)
- Brother Wolfe Animal Rescue Volunteer Event Planner and Finance Manager (2009 – 2011)
- Junior Achievement Volunteer Teacher (2009 – 2011)
- Asheville Habitat for Humanity Volunteer (2009 – 2011)
- Bicycled across the US for Habitat for Humanity; raised over \$4,000 (2005)

REFERENCES

Anand Nair

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