

**Matthew J. Castel**  
**Doctoral Candidate (ABD)**

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**EDUCATION**

Michigan State University Eli Broad School of Business  
Ph.D. Business Administration  
Major: Operations and Sourcing Management; Minor: Marketing

East Lansing, Michigan  
Expected: Summer 2016

Michigan State University Eli Broad School of Business  
Master of Science – Manufacturing and Engineering Management

East Lansing, Michigan  
May 2006

Michigan State University College of Engineering  
Bachelor of Science with Honors – Electrical Engineering

East Lansing, Michigan  
August 2005

**PUBLICATIONS**

Vickery, S.K., Y.A. Bolumole, M.J. Castel, and R.J. Calantone. 2015. "The Effects of Product Modularity on Launch Speed." *International Journal of Production Research* 53 (17):5369-81.

**ARTICLES UNDER REVIEW**

Calantone, Castel, Lucianetti, and Vickery (2015): "Antecedents and Consequences of Measuring Quality in a Balanced Scorecard Framework: Does Measurement Matter?"

**WORKING PAPERS**

- "*Environmental Antecedents of Hospital Focus*" (Dissertation Essay)
- "*Complementarity Effects of Hospital Focus: How Internal & External Horizontal Integration Influence Performance*" (Dissertation Essay)
- "*The Effects of Hospital Focus and Breadth on Triple Aim Performance*" (Dissertation Essay)
- "*Pursuing the make-buy decision despite failure: understanding how structure plays a role*" working with Steven A. Melnyk
- "*What to do with the heart of gold: reassessing the principle-agent problem*" working with Steven A. Melnyk
- "*Evaluation of Product Modularity, Commonality, and Platform: Their Effects on Innovation*" working with Shawnee Vickery and Roger Calantone

**TEACHING EXPERIENCE**

- SCM 303 – Introduction Supply Chain Mgt Summer 2015, 2014, 2013, 2012; Spring 2012
- SCM 470 – Supply Chain Appl & Policy Spring 2015, 2014
- SCM 372 – Manufacturing Plan & Control Spring 2013

**CONFERENCE PROCEEDINGS**

2015 Production and Operations Management Annual Meeting  
2014 Decision Sciences Institute Annual Meeting  
2013 Decision Sciences Institute Annual Meeting

Washington D.C., May 2015  
Tampa, FL, November 2014  
Baltimore, MD, November 2013

### **PROFESSIONAL SERVICE**

- Ad-Hoc Reviewer – Decision Sciences Institute Annual Conference – Summer 2015
- Ad-Hoc Assistant – INFORMS Midwest Regional Conference – Fall 2014
- Ad-Hoc Reviewer – Decision Sciences Journal – Summer 2014

### **GRANTS AND FELLOWSHIPS**

- Demmer Center Research Grant Summer 2015
- SCM Graduate Office Fellowship Spring 2015, 2014, 2013, 2012
- SCM Graduate Office Fellowship Summer 2015, 2014, 2013

### **AWARDS AND SCHOLARSHIPS**

- Electrical and Computer Engineering Prism VentureWorks Award (1<sup>st</sup> Place) – Spring 2005

### **AFFILIATIONS**

- Decision Sciences Institute (DSI)
- IEEE - Eta Kappa Nu Honors Society
- Informs
- Production and Operations Management Society (POMS)

### **INDUSTRY EXPERIENCE**

- Senior Business Consultant, International Business Machines (IBM), July 2006 – July 2011. Served a multitude of roles, including: Business Analyst, Product Lifecycle Management (PLM) Consultant, Testing Coordinator, and Project Manager. Clients included the U.S. Federal Government, automotive manufacturers, aerospace manufactures, gaming firms, and industrial component manufacturers. Projects ranged from requirements gathering through major software implementations; and from regional installs through global production redesigns.
- Engineering Intern, Johnson Controls, May 2004 – August 2004; May 2003 – August 2003. Provided electronics troubleshooting support and value engineering support. Required coordination with suppliers, engineers, and financial analyst to determine equivalent designs utilizing different parts, manufacturing processes, and logistics to produce cost savings.

### **REFERENCES**

#### **Shawnee K. Vickery, Ph.D**

Demmer Legacy Fellow

Director of the Demmer Center for Business Transformation

Professor of Operations & Supply Chain Management

Department of Supply Chain Management

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**David J. Closs, Ph.D**

John McConnell Chair in Business Administration  
Supply Chain Management Chairperson  
Department of Supply Chain Management  
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**Roger J. Calantone, Ph.D**

Senior Advisor to the Dean for Integrative Research & Outreach Department  
Research Director/Center for Business & Social Analytics (CBSA) Department  
Eli Broad Chaired University Professor of Business – Marketing  
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