

William A. Muir

Department of Supply Chain Management
The Eli Broad College of Business
Michigan State University
East Lansing, Michigan 48824

e-mail: muir@broad.msu.edu
url: <http://broad.msu.edu/facultystaff/muir/>

Education

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| 2017
(Anticipated) | Ph.D., Business Administration, Michigan State University <ul style="list-style-type: none">• Major: <i>Logistics</i>• Minor: <i>Marketing</i> |
| 2010 | M.B.A., Strategic Purchasing, Naval Postgraduate School |
| 2005 | B.S., Economics, North Carolina State University |

Research interests

Strategy supply management & spend analytics
Production efficiency in the transportation sector
Updating behavior of aggregate inventories

Academic publications

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| 2015 | Hawkins, T. G., Gravier, M. J., Berkowitz, D., & Muir, W. A. (2015). Improving services supply management in the defense sector: How the procurement process affects B2B service quality. <i>Journal of Purchasing and Supply Management</i> , 21(2), 81–94. |
| 2014 | Hawkins, T. G., & Muir, W. A. (2014). An exploration of the knowledge-based factors affecting procurement compliance. <i>Journal of Public Procurement</i> , 14(1), 2–24. |

Conference presentations

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| 2017 | Muir, W. A. & Griffis, S. E. (2017). An econometric analysis of the relationship between transportation costs and retail inventories in the U.S. <i>Western Decision Sciences Institute</i> , 46 th Annual Meeting, Vancouver, British Columbia. |
| 2016b | Daugherty, P. J., Griffis, S. E., & Muir, W. A. (2016). A procedural perspective on the logistics-loyalty link in returns management. <i>Productions and Operations Management</i> , 27 th Annual Conference, Orlando, Florida. |
| 2016a | Muir, W. A., Griffis, S. E., & Whipple, J. M. (2016). A simulation model of multi-echelon retail inventory with cross-channel product returns. <i>Western Decision Sciences Institute</i> , 45 th Annual Meeting, Las Vegas, Nevada. |

Hawkins, T. G., Hildebrandt, G. G., & Muir, W. A. (2011). Determinants of service contract outcomes. *Armed Forces Communications and Electronics Association*, 8th Annual Acquisition Research Symposium, Monterey, California.

Working papers

Lot size adjustments and the dynamic updating of aggregate inventories (Disseration Essay I). Target: *Management Science*.

A simulation model of multi-echelon retail inventory with cross-channel product returns (with Whipple, J. M., & Griffis, S. E.). Target: *Journal of Business Logistics*.

Formalization of retail returns processes: A procedural perspective (with Daugherty, P. J., & Griffis, S. E.). Target: TBD.

Service

Guest Lecturer—Supply Chain Simulation M.B.A. Course, Michigan State University, 2016 & 2017.

Session Chair—*Operations, Logistics & Supply Chain Management: Supply Chain Analytics*, Western Decision Sciences Annual Meeting, April 2016.

Professional certifications

Certified Professional in Supply Management, Institute for Supply Management

Acquisition Professional Development Program, U.S. Department of Defense AT&L

- Acquisition Program Management, Level I
- Contracting, Level III

Technical

Operating Systems: FreeBSD, OpenBSD, GNU/Linux

Data Analytics & Storage: R, PostgreSQL, Elasticsearch, MongoDB, large-scale XML, and others

Languages: L^AT_EX+ TikZ/PGF, R Markdown, Python, PHP, Unix Shell, HTML/CSS/JS, and others