

My Research Interests

- Supply Chain Risk
- Finite Capacity Planning and Scheduling
- Integrated Capacity Management (including capacitated MRP systems)
- Auto-ID Technology
- eCommerce and eLogistics
- Customer Service
- Global Terrorism Impacts on the Supply Chain

Allen, S.J. and E.W. Schuster, “Managing the risk for the grape harvest at Welch’s,” under review for publication in the *Production and Inventory Management Journal*.

Schuster, E.W., S.J. Allen and M.P. D’Itri, “Capacitated materials requirements planning and its application in the process industries,” Accepted for publication in the *Journal of Business Logistics*.

D’Itri, M.P., S.J. Allen and E.W. Schuster, “Capacitated scheduling of multiple products on a single processor with sequence dependencies,” *Production and Inventory Management Journal* 40, no.5 (1999): pp 27 – 33.

Schuster, E.W. and S.J. Allen, “Raw material management at Welch’s,” *Interfaces* 28, no. 5 (1998): pp.13 - 24.

Allen, S.J., J. Martin, and E.W. Schuster, “A simple method for the multi-Item, single level, capacitated scheduling problem with set-up times and costs,” *Production and Inventory Management Journal* 38, no. 4 (1997): pp. 39 - 47.

Allen, S.J. and E.W. Schuster, “Practical production scheduling with capacity constraints and dynamic demand: family planning and disaggregation,” *Production and Inventory Management Journal* 35, no. 4 (1994): pp. 15 - 21.

Schuster, E.W. and B.J. Finch, “A deterministic spreadsheet simulation model for production scheduling in a lumpy demand environment,” *Production and Inventory Management Journal* 31, no. 1 (1990): pp. 39 - 42.

Schuster, E.W. and A.R. Canella, “Simulating warehousing costs: a spreadsheet application,” *Production and Inventory Management Journal* 28, no. 4 (1987): pp. 1 - 5.

What is the difference between
Logistics and Supply Chain
Management?

SUPPLY CHAIN MISSION STATEMENT

- To create a competitive advantage through purchasing, manufacturing and distributing products and services which provide superior value to our customers.