



## Master of Supply Chain Management **Student Consulting Projects**

### 2023 Project Descriptions

- Improved parcel transportation payment process for a major air carrier.
- Optimized SKU portfolio through benchmarking and establishment of KPI's for an athletic wear manufacturer.
- Identified global locations to maximize timely deployment and reduce costs of spare parts for an international cruise line.
- Created a prioritization process for loading and receiving international containers to improve product availability for a sports apparel and equipment company.
- Improved the resource planning process for the global leader in recreational and commercial boating accessories.
- Measured the utilization of current warehouse space and recommended a future demand assessment process for a regional energy provider.
- Analyzed maintenance and parts inventory and made recommendations regarding in-stock vs purchase and min/max quantities for a specialized air cargo operator.
- Created a supplier adherence tracking program and implementation plan for the country's top-rated home security provider.
- Developed a scalable model for tracking year-over-year commodity trends and predicting future patterns for a technology products manufacturer.

### Previous Sponsors

- Alaska Airlines\*
- Anavasi
- Arvato Supply Chain Solutions
- Boeing
- Brooks Running
- Carrix/SSA Marine\*
- Columbia Distributing
- Continental Mills\*
- Darigold\*
- Darwin's Natural Pet Products\*
- Expeditors\*
- FS Networks
- Fluke Biomedical
- Foss Shipyard\*
- Holland America Group
- Microsoft\*
- MicroSurgical Technology\*
- Nike
- PACCAR\*
- Polyform US\*
- Puget Sound Energy\*
- REI
- Saltchuk Aviation
- SimpliSafe\*
- Sound Transit
- Tommy Bahama\*
- Zones\*

*\*Multiple Projects*

**mscm@uw.edu / 206-543-6849**  
**foster.uw.edu/mscm/projects**

## What Makes a Good Project?

The project should be of value to you and your organization. If nothing comes immediately to mind, you might consider issues or challenges on the back burner because you have not had the time or resources to address them. Take a look at the functional areas and topics listed below to get some ideas. We would be glad to talk with you about your possible projects. In the meantime, this information will provide further guidance.

### Required:

- Strong support from company management
- Sponsor available for weekly check-in
- Can be completed in the eight weeks allotted
- Requires no more than four site visits
- Sponsor company can readily provide access to data and other resources
- Deliverables include actionable recommendations

### Sponsor Time Commitment:

Depending on the scope and nature of the project, you should plan on an hour per week minimum once the project is underway. More time will be required at the beginning to get the scope settled and host a site visit.

### Contact:

Gordon Neumiller  
gneumill@uw.edu / 206-543-0964

### Fits into one or more of these subject areas:

- Strategy: Supply chain audit, mapping and benchmarking; global network design
- Planning: Forecasting and demand planning, capacity analysis, sales & operations planning
- Distribution: Inventory optimization, warehouse location and efficiency, omnichannel management, transportation and logistics decisions
- Manufacturing and Service: Production planning, service systems design, wait-time analysis, staffing plans
- Sourcing: Make vs. buy analysis, supplier selection process, auctions, scorecards, contracts, CSR benchmarking, procurement
- Process Improvement: Lean and Six Sigma, reengineering, decision support systems, spreadsheet modeling, software selection, project planning, collaborative processes, carbon footprint reduction

### Even better if:

- It has large, readily-available, data sets
- It's suitable for Six Sigma problem solving methodologies
- There is a strong likelihood that at least some recommendations will be implemented