



# Student Consulting Projects

MICHAEL G. FOSTER SCHOOL OF BUSINESS  
Master of Supply Chain Management

## WE DELIVER

A team of Master of Supply Chain Management (MSCM) students can help your company tackle supply chain and other operational issues.

Utilizing the knowledge and skills acquired in the MSCM program along with their previous work experience, MSCM students can effectively analyze data, build decision models, and make actionable recommendations to improve your business. They can address challenges in sourcing, procurement, conversion, and logistics management processes needed to efficiently manage the flow of goods and services.

## PROJECT TOPICS

Through this program the sponsoring companies gain valuable insights on supply chain and operational issues. Students use their prior experience and new MSCM skills to acquire career-building experience. Project topics can include:

**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, omni-channel management, transportation and logistics decisions

**Mfg./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, re-engineering, decision support systems, spreadsheet modeling, software selection, project planning, collaborative processes, carbon footprint reduction

## Key Dates

**Project Term:** Spring Quarter

**Team:** 5-6 MSCM Students

**Application Deadline:** January 15

**Introduce Projects to Students:** February 11, 6:00pm

**Sponsors Advised of Team Assignment:** March 8

**Project Kick-Off/Working Dinner:** April 1, 6-8pm

**Final Presentations:** May 24-June 5

**Project Fee:** \$3,500 - Payable upon project completion

## PROJECT EXAMPLES

- Forecast demand for onboard meals for a US airline
- Developed production planning metrics for a mid-size manufacturer
- Logistics benchmarking for a large online retailer
- Backroom inventory planning for a large coffee company
- Supplier performance forecasting for a large aerospace company
- Spreadsheet decision support system for a food products manufacturer
- Parts distribution for an automobile manufacturer
- Order flow processing at a dual channel retailer
- Billing and collection process improvement at a large dental clinic
- Transportation/delivery frequency planning for software/hardware developer

Contact us and learn how a team of Foster MSCM students could help you improve your competitiveness!

206-543-6849  
mscm@uw.edu

# UW Foster - Master in Supply Chain Management Program

## Student Consulting Projects

*The capstone project is conducted along with three academic classes in spring quarter, giving each team member approximately eight hours per week to devote to the project.\**

### What Makes a Good Project?

The project should be of value to you and your organization. If nothing comes immediately to mind, you might think of those 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\* (See above)
- Requires no more than four site visits
- Sponsor company can readily provide access to data and other resources
- Deliverables include actionable recommendations

#### 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

**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. Please see front of this flyer and the website for key dates and a timeline from project selection to final presentations.

For more information, or to discuss your project idea, please contact:

Gordon Neumiller  
Director/Master of Supply Chain Management Consulting Projects  
UW Foster School of Business  
Paccar Hall 562/Box 35322 6 Seattle, WA 98195  
[gneumill@uw.edu](mailto:gneumill@uw.edu) – 206-543-0964/[www.foster.edu/mscm/projects](http://www.foster.edu/mscm/projects)