

Pamela S. Donovan

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EDUCATION

- Doctor of Philosophy, Logistics & Transportation** (Minor: Strategy) 2006
University of Maryland, College Park MD
- Master of Science, Logistics Management** (Minor: Transportation) 1996
Air Force Institute of Technology, Wright-Patterson AFB OH
- Bachelor of Science, Physics** 1986
Kent State University, Kent OH

AREAS OF INTEREST

Supply Chain Management	Transportation
Logistics Management	Inventory

ACADEMIC EXPERIENCE

- University of North Texas**, Denton TX Aug 2011 – May 2015
Assistant Professor
 - Responsible for degree program assessment and University core capstone assessment
 - Incorporated case studies with milestone assignments; step-wise approach significantly improved problem solving, critical thinking, and writing quality
 - Organized focus group with DFW-area industry experts; identified desirable knowledge-base and analytic skills; modified course content to address gaps
 - Growth: 3 students in 2011 to 67 students in 2015
 - Total graduates: 90+ students between 2011-2015; 98% placement rate
- Texas Christian University**, Fort Worth TX Jan 2014 – May 2014
Adjunct Professor
- Air Force Institute of Technology**, Wright-Patterson AFB OH Sep 2006 – Jul 2011
Assistant Professor and Deputy Department Chair
 - Led 16 faculty members and 3 staff members supporting 110 graduate students
 - Responsible for manpower planning and hiring of military faculty members
 - Responsible for unit strategic plans, budgets, and resources
 - Organized educational reviews with outside experts for triennial program review
 - Program manager for Advanced Studies in Air Mobility degree program
 - Responsible for student admissions, curriculum development, and scheduling
 - Developed an on-line system reliability course for the Operations Research program

NON-ACADEMIC WORK EXPERIENCE

Air Force, Various Locations

Oct 1987 – Aug 2006

Logistics Readiness Officer

- Responsible for personnel, programs, and assets at multiple levels in the Air Force (AF):
Flight, Squadron, and Command (Corporate)
 - Operational excellence: earned 6 command-level and 8 AF-level unit awards
- Supervised units ranging from 51 to 177 people
 - Responsible for morale, discipline, training, and performance reports
 - Responsible for various logistics processes and performance outcomes
- Led the Strategic Distribution Support Branch at U.S. Transportation Command; helped reengineer military logistics processes and improve global distribution
 - Synchronized supply and transportation processes across all military services
 - Reduced order cycle time by 20%; improved air transport velocity by 43%; improved surface velocity by 13%; Result: saved \$35M annually
- Responsible for contingency planning, execution, recovery
 - Developed response plans/checklists for rapid deployment of personnel and assets
- Civil Reserve Air Fleet Coordinator during U.S. War in Afghanistan; coordinated with civilian air carriers to identify volunteer air support and clarify requirements

COURSES TAUGHT

Undergraduate courses - Average student rating: 3.48/4.00

LGAV 3130 Air Cargo Planning and Control

LGAV 4100 Airport and Infrastructure Planning and Control

INSC 30313 Introduction to Supply Chain Management

Graduate courses - Average instructor rating: 4.05/5.00

LOGM 619 Transportation Policy & Strategic Mobility

LOGM 621 Air Transportation

LOGM 634 Reliability, Maintainability, and Availability

LOGM 644 Topics in Logistics (team taught)

LOGM 570 Principles of Inventory Management

LOGM 770 Advanced Inventory Theory

INTELLECTUAL CONTRIBUTIONS

Refereed Articles

Swartz, Stephen M., Pamela S. Donovan and Terry A. Clower (2016). Airport Capability, Aviation Activity, and Economic Activity at General Aviation Airports. *Collegiate Aviation Review*, 34(1): 55-72.

Donovan, P.S. and Manuj, I. (2015). A Comprehensive Theoretical Model of the Complex Strategic Demand Management Process. *Transportation Journal*, 54(2), pp.213-239.

Presentation of Referred Papers

Estridge, Christopher and Pamela S. Donovan, “*Material Management at Military Healthcare Facilities*,” Production and Operations Management Society Annual Conference, Orlando, FL, 8 May 2009

Stone, Brian B., James T. Moore, and Pamela S. Donovan, “*Developing an Excel Decision Support System Using In-Transit Visibility to Decrease DoD Transportation Delays*,” Military Operations Research Society Symposium, New London, CT, 10-12 June 2008

Donovan, Pamela S. and Philip T. Evers, “*Joint Replenishment Inventory Model with Transportation Costs*,” Production and Operations Management Society Annual Conference, Dallas, TX, 4 May 2007

Research Grants

\$45,000 (2012), Principal Investigator (50%): The Role of Contingency Planning and Demand Management In Organizational Effectiveness

- Sponsor: Air Force Institute of Technology, Wright-Patterson AFB OH
- Developed a testable model to better understand the relationships between contingency planning strategies, demand management processes, and performance

\$175,000 (2010), Principal Investigator (50%): Civil Reserve Air Fleet Participation Study

- Sponsor: Air Force Air Mobility Command
- Interviewed 20 civilian air carriers to understand the factors that influence CRAF participation; assessed carrier risk; recommended CRAF program changes

\$500,000 (2009 – 2010), Principal Investigator (33%): Leading Edge Supply Chain Study

- Sponsor: Air Force Research Lab
- Surveyed commercial firms to better understand leading edge supply chain practices that could improve the effectiveness of Air Force supply chains

Advised Theses

Advised 12 master’s thesis, 2006 – 2009

SERVICE

2014: Logistics Academic Hiring Survey (Donovan, Manuj, & Farris)

2013: Logistics Academic Hiring Survey (Donovan, Cooper, Santosa, Manuj, & Farris)

2012 – 2013: Department Curriculum Committee

2009: Production & Operations Mgt Society Session Track Co-Chair (Donovan & Cooper)

2007 – 2009: Faculty lead for Department Student Council

2006 – 2008: Library Committee

2006 – 2008: Academic Standards Committee

HONORS AND AWARDS

2006: Phi Kappa Phi, National Academic Honor Society

1996: Int’l Society of Logistics Jerome G. Peppers, Jr. Outstanding Student Award