

CHRISTOPHER J. BURKE

Austin TX • Christopher.Burke@McCombs.utexas.edu

EDUCATION

National Security Fellow, JFK School of Government, Harvard University, 2003–2004
Research Paper: Military Chaplains as Peace Builders: Embracing Indigenous Religions in Stability Operations; Marie Danziger (Advisor)

Ph.D., **Production and Operations Management**, Indiana University, 1995
Dissertation: Inventory Locations, Shipping Modes, and Priority Repair Scheduling Rules for Repairable-Item Inventory Systems; Vincent A. Mabert (Chairman), S. Christian Albright, J. Douglas Blocher, James H. Patterson

M.S., **Acquisition Logistics Management**, Air Force Institute of Technology, 1990
Thesis: The Strategic Air Command Readiness Oriented Logistics System (ROLS): A Comparison of the Work Attitudes of Aircraft Maintenance Specialists; Albert Rogers (Advisor)

M.S., **Human Resources Management**, Central Michigan University, 1988

M.A., **Military Operational Art and Science**, Air Command and Staff College, 1999

B.S., **Aerospace Engineering**, University of Notre Dame, 1985

TEACHING EXPERIENCE

2014–Present, **Lecturer**, McCombs School of Business, University of Texas, Austin TX

2020 Spring – **Introduction to Information Technology Management** – 118 Students
Strategy and Technology; Digital Innovation; Disruptive Technologies; Moore’s Law; Hardware Ecosystem; Network Effects; Social Media; Software Ecosystem; Data Communications; Cloud Computing; Information Security; Data Base; Business Intelligence; Data Mining; Enterprise IT; Business Value of IT; Mobile Industry Ecosystem; IT and Supply Chain

2020 Spring – **Project Management** – 30 Students
Project Selection; Defining the Project; Estimating Times and Costs, Critical Path Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership; Managing Project Teams; Global Projects; Critical Chain Project Management; International Projects; Project Management Office

2020 Spring – **TEMBA Operations Management** – 61 Students

Process Analysis; Inventory Control; Theory of Constraints; Quality Process;
Global Supply Chain Management; Global Operations Management; Queueing
Theory; Scheduling for Demand

2019 Fall – **MBA Managing Projects** – 27 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path
Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership;
Managing Project Teams; Global Projects; Project Management Office

2019 Fall – **Procurement and Supplier Management** – 47 Students

The Purchasing Process; Purchasing Policy and Procedures; Purchasing and
Supply Management Organization; Commodity Strategy Development; Supplier
Evaluation and Selection; Supplier Management and Development; Worldwide
Sourcing; Strategic Cost Management; Contract Management; Negotiation and
Conflict Management; Purchasing Law and Ethics; Purchasing Services;
Purchasing and Supply Strategy Trends

2019 Spring – **Project Management** – 22 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path
Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership;
Managing Project Teams; Global Projects; Critical Chain Project Management;
International Projects; Project Management Office

2019 Spring – **TEMBA Operations Management** – 61 Students

Process Analysis; Inventory Control; Theory of Constraints; Quality Process;
Global Supply Chain Management; Global Operations Management; Queueing
Theory; Scheduling for Demand

2018 Fall – **Project Management** – 30 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path
Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership;
Managing Project Teams; Global Projects; Project Management Office

2018 Fall – **MBA Managing Projects** – 27 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path
Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership;
Managing Project Teams; Global Projects; Project Management Office

2018 Fall – **Procurement and Supplier Management** – 47 Students

The Purchasing Process; Purchasing Policy and Procedures; Purchasing and Supply Management Organization; Commodity Strategy Development; Supplier Evaluation and Selection; Supplier Management and Development; Worldwide Sourcing; Strategic Cost Management; Contract Management; Negotiation and Conflict Management; Purchasing Law and Ethics; Purchasing Services; Purchasing and Supply Strategy Trends

2018 Fall – **Introduction to Information Technology Management** – 119 Students

Strategy and Technology; Digital Innovation; Disruptive Technologies; Moore's Law; Hardware Ecosystem; Network Effects; Social Media; Software Ecosystem; Data Communications; Cloud Computing; Information Security; Data Base; Business Intelligence; Data Mining; Enterprise IT; Business Value of IT; Mobile Industry Ecosystem; IT and Supply Chain

2018 Spring – **Project Management** – 23 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership; Managing Project Teams; Global Projects; Critical Chain Project Management; International Projects; Project Management Office

2018 Spring – **TEMBA Operations Management** – 60 Students

Process Analysis; Inventory Control; Theory of Constraints; Project Management; Quality Process; Global Supply Chain Management; Global Operations Management; Queueing Theory; Scheduling for Demand

2017 Fall – **Project Management** – 35 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership; Managing Project Teams; Global Projects; Project Management Office

2017 Fall – **MBA Managing Projects** – 27 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership; Managing Project Teams; Global Projects; Project Management Office

2017 Fall – **Procurement and Supplier Management** – 47 Students

The Purchasing Process; Purchasing Policy and Procedures; Purchasing and Supply Management Organization; Commodity Strategy Development; Supplier Evaluation and Selection; Supplier Management and Development; Worldwide Sourcing; Strategic Cost Management; Contract Management; Negotiation and Conflict Management; Purchasing Law and Ethics; Purchasing Services; Purchasing and Supply Strategy Trends

2017 Spring – **Operations Management** – 61 Students

Process Analysis; Inventory Control; Theory of Constraints; Project Management; Quality Process; Global Supply Chain Management; Emerging Ideas in OM; Global Operations Management; Queueing Theory; Scheduling for Demand

2017 Spring – **TEMBA Operations Management** – 70 Students

Process Analysis; Inventory Control; Theory of Constraints; Project Management; Quality Process; Global Supply Chain Management; Emerging Ideas in OM; Global Operations Management; Queueing Theory; Scheduling for Demand

2016 Fall – **Project Management** – 41 Students

Project Selection; Defining the Project; Estimating Times and Costs, Critical Path Method; Agile Methodology; Managing Risk; Scheduling Resources; Leadership; Managing Project Teams; Global Projects; Project Management Office

2016 Fall – **Operations Management** – 56 Students

Process Analysis; Inventory Control; Theory of Constraints; Project Management; Quality Process; Global Supply Chain Management; Emerging Ideas in OM; Global Operations Management; Queueing Theory; Scheduling for Demand

2016 Spring – **TEMBA Operations Management** – 76 Students

Process Analysis; Inventory Control; Theory of Constraints; Project Management; Quality Process; Global Supply Chain Management; Emerging Ideas in OM; Global Operations Management; Queueing Theory; Scheduling for Demand

2015 Fall – **Operations Management** – 64 Students

Process Analysis; Inventory Control; Theory of Constraints; Project Management; Quality Process; Global Supply Chain Management; Emerging Ideas in OM; Global Operations Management; Queueing Theory; Scheduling for Demand

2015 Spring – **MBA Operations Practicum** – 34 Students

Course provides a hands-on experience in tackling real-world consulting projects in operations with a well-known company: Shell; PepsiCo; AMD; Chevron; Walmart

2014 Summer – **Operations Management** – 56 Students

Process Analysis; Inventory Control; Theory of Constraints; Project Management; Quality Process; Global Supply Chain Management; Emerging Ideas in OM; Global Operations Management; Queueing Theory; Scheduling for Demand

1996–1998, **Assistant Professor of Logistics Management**, Graduate School of Logistics and Acquisition Management, Air Force Institute of Technology, Dayton OH

1997 Winter – **Invited Lecturer** – Brazilian Air Force Institute of Logistics (Instituto de Logistica da Aeronautica), Sao Paulo

Contemporary Logistics: Lean Logistics and Depot Overview; Maintenance Perspective; Cost Driven Logistics; The New Depot and Field Relationship; Wartime Logistics; Logistics in 2025

1997 Summer – **Invited Lecturer** – Royal Norwegian Air Force Academy of Logistics, Stavern

Introduction to Life Cycle Costing: Quality Costs; Maintenance Issues; Reliability and Maintainability

1997 Summer – **Maintenance Management Concepts** – 5 Students

Advanced Aircraft Systems; Aircraft Maintenance Concepts; Privatization and Outsourcing; Maintenance Organization and Composite Wings; 2/3-Level Maintenance; Lean Logistics; Depot Repair Enhancement Program and Pacer Lean; The Professional Logistician Career; Maintenance Training; Space Weapon System Maintenance

1997 Spring – **Maintenance and Production Management** – 14 Students

Productivity; Facility Layout; Location; Capacity Planning; Assembly Line Balancing; Statistical Process Control; Learning Curves; Materials Requirements Planning; Project Scheduling (PERT/CPM); Job Shop Scheduling; Just-in-Time Manufacturing

1997 Spring – **Quality Management and Control** – 17 Students

Quality in Manufacturing and Service; Total Quality Management; Quality in Product and Process Design; Process and Continuous Improvements; Organizing and Implementing Total Quality Management; Quality Assurance and Control; Fundamentals and Additional Topics of Statistical Process Control; Human Resource Management for Quality

1996 Summer – **Principles of Inventory Management** – 7 Students

Complex Decisions on Inventory Management; Economic Order Quantity Models; Time-Varying Demand Pattern; Inventories Under Probabilistic Demand; Inventories Under Uncertainty; Distribution Resource Planning; Palm's Theorem and Base Stockage Model; Aircraft Availability Model; Repairable-Item Inventory System; Readiness Based Leveling; METRIC

1996 Summer – **Maintenance Management Concepts** – 4 Students

Advanced Aircraft Systems; Aircraft Maintenance Concepts; Privatization and Outsourcing; Maintenance Organization and Composite Wings; 2/3-Level Maintenance; Lean Logistics; Depot Repair Enhancement Program and Pacer Lean; The Professional Logistician Career; Maintenance Training; Space Weapon System Maintenance

1996 Summer – **Quantitative Methods for Managers** – 31 Students

College Algebra; Graphs and Functions; Exponential and Logarithmic Functions; Systems of Linear Equations; Vectors and Matrices; Probability

1996–1998; Served as **Graduate Logistics Management Program Director**

The Logistics Management major provides students with a systems perspective of the overall logistics field. The curriculum provides a solid foundation in both the quantitative methods and management concepts that are particularly relevant to logistics operations. The focus is on improving the student's understanding of, and ability to manage in the total logistics environment. The student will learn to appreciate the interdependence of the logistics planning, acquisition, distribution, supply, and maintenance functional areas and that a decision in one logistics functional area may impact other functional areas.

Thesis adviser to U.S. and international students on solution-oriented research addressing existing and potential logistical and acquisition issues.

Identification and Reduction of Bottlenecks Concerning MICAP Re-Supply of F-16 Weapons System Avionics Line Replaceable Units

Aerospace Ground Equipment's Impact on Aircraft Availability and Deployment

Development of the Base Support Plan Process Model for Evaluation of Proposed Process Improvement Initiatives

Economic Analysis for an F-22 Organic VS. Contractor Aircraft Battle Damage Repair Ownership Decision

Reducing Cannon Plug Connector Pin Selection Time and Errors Through Enhanced Data Presentation Methods

The Impact of Two-Level Maintenance on Air Force Engine Pipeline Times

Served as a **reviewer** for the International Journal of Production Planning and Control.

1995, **Associate Instructor**, Business School, Indiana University, Bloomington IN

Co-Winner of the Outstanding Associate Instructor Award for 1994-1995

1995 Spring – **Operations Management** – 44 Students

Productivity and International Trends; Operations Strategy; Process Design; Advanced Technologies, Layout Planning and Assembly Line Balancing; Aggregate Output Planning; Learning Curves; Managing Inventories; Materials Requirements Planning; Project Scheduling; Job Shop Scheduling; Just-in-Time Manufacturing; Quality Management

EMPLOYMENT HISTORY

Manager

2020 – Present

B3 Group, Inc
Austin, TX

Providing end-to-end technology support services to the federal government and enterprise customers. collaborating with the Defense Acquisition University (DAU) in developing courses in life cycle product support to prepare senior-level logisticians as product support managers with emphasis on developing and implementing a life cycle product support strategy. Ensuring that information technology systems used by the Department of Veterans Affairs (VA) are monitored, maintained, and upgraded for both the Strategic Capital Investment Planning (SCIP) process which includes all capital projects (major construction, minor construction, non-recurring maintenance, and leases) as well as VetPro, a credentialing process used for all medical personnel.

Senior Program Manager

2018 - 2019

Veterans Affairs Financial Service Center
ProSphere, Austin, TX

Leading ProSphere professional services staff in support of the Veterans Affairs (VA) Financial Service Center Operations and Maintenance Division and the Electronic Commerce Division in support of IT infrastructure, operations, projects, and various initiatives supported by the VA and Other Government Agencies. Providing support services for developing deliverables for new software projects, maintenance releases, and emergency software releases. Managing resource levels and coordinating with management to fulfill schedule timelines. Actively communicating with management and stakeholders on projects, identifying, managing, and mitigating project risk and performing ongoing risk management. Managing overall work plan to ensure work is assigned and completed on time and within budget. Maintaining project continuity, project scheduling, and recommending appropriate action to address unforeseen issues.

Developing and managing overall project plans and budget of all assigned resources. Conducting project closure activities to ensure acceptance of deliverables and the migration of applications to production.

Program Management Senior Engineer

2012–2018

Global Supply Chain
Dell Inc., Austin TX

Leading global, cross-functional core teams as a certified Project Management Professional to aid business acquisition and transformation activities.

Currently assigned as lead Program Manager for Secure Supply Chain enablement. Establishing highest level of assurance to counter threat of malicious or intentional product tampering within the supply chain.

Previously assigned as leader of the Global Operations Supply Chain Project Management Office to standardize Dell project management policies, processes, and methods via economies of repetition in the execution of projects. Supported ongoing enhancement in project management by assessing and improving project management practices throughout the organization. Led the transition to Agile Methodology by developing sources for guidance, documentation, training, and metrics related to practices involved in managing and implementing Agile projects within Dell's Global Operations Supply Chain. Served as lead for reporting on status of projects, programs, and portfolios, to include problems and requirements to executive management as a strategic tool in keeping Program Managers and stakeholders moving toward consistent business

focused goals and objectives. Lead Program Manager in developing, transforming, and implementing long-term strategic lines of business and market segment objectives at manufacturing facilities in Brazil and Mexico. Enabling 24 new products and services at the manufacturing complex in Brazil and 10 new services at the manufacturing site in Mexico.

Director/Executive Director

2010–2012

Logistics, Installations, and Mission Support
Headquarters Eighth Air Force, Shreveport LA

Providing senior management consulting across logistics, aircraft maintenance, supply chain integration, infrastructure, and sustainment activities to three major operating units in the U.S. consisting of 18K personnel. Addressing challenges and executing strategic planning through fundamental engineering and logistical principles. Keen ability to build immediate complex solution sets, while driving existing requirements with sound, fiscal stewardship.

Commander/Chief Operations Officer

2010

Defense Logistics Agency - Iraq, Baghdad, Iraq

Leader of a multi-functional logistics team at ten locations across Iraq solving strategic logistics sustainment issues. Directly responsible for procuring, importing, and distributing all food, fuel, construction materiel, and repair parts. Identified and pursued strategic operational opportunities to include the coordination, transition, and implementation of a \$2.2B subsistence prime vendor contract and sales of unserviceable materiel at seven complex locations across Iraq, returning \$1.8M to the U.S. Treasury. Proven crisis management leadership, honed in the most challenging of operational environments.

Director/Executive Director

2007–2010

Supply Chain Integration; Business Development; Strategic Acquisition
Defense Logistics Agency–Aviation, Richmond VA

Managed the supply, storage, and distribution functions at six aviation maintenance complexes in the U.S. composed of 1,200 personnel and corresponding inventories. Led acquisitions with 3M in annual worldwide demands, \$3.25B in sales, and \$2.86B in contracts awarded. Continuous process improvement results and employee professional mentorship provided superior customer support. Guided entire organization through the demanding 2005 Department of Defense Base Closure and Realignment Act. Developed policies within and among complex and competing organizations, advocated for issues to multiple stakeholders, and implemented solutions both independently and through teams.

Military Assistant/Chief Administrative Officer

2004–2007

Studies and Analysis; Policy Team; Senior Military Assistant
Headquarters United States Air Force, Washington, D.C.

Extensive, high-level experience in strategic planning and problem-solving in materiel readiness and product support; supply chain integration; logistics systems management; program management; depot maintenance management; and total life cycle management. Intricate knowledge in managing large-scale analyses and reviews to senior military officers, members of Congress, and business leaders by developing Congressional testimony, speeches, briefings, and articles for publication. Provided guidance, direction, and oversight of matters pertaining to strategic requirements development to ensure fielding, modification, and sustainment issues were resolved and appropriately resourced.

Commander/Chief Operations Officer

2001–2003

2d Maintenance Squadron, Shreveport LA

Provided strategic direction, vision, and daily leadership for largest aircraft maintenance unit in the command, consisting of 19 categories of technicians responsible for overhauls

and repairs under the continuous airworthiness maintenance program. Financial management of \$6M operating budget, \$57M in capital assets, and 23 industrial facilities worth \$104M. Unrelenting pursuit of lean logistics unleashed employee creativity and innovation. Won command's coveted annual Aircraft Maintenance Effectiveness Award.

1985–2001: Assigned as program manager, student, professor, and director in areas of logistics and education at Illinois, Michigan, Ohio, Indiana, and Alabama.

Deployed to the Balkans, Operation JOINT GUARD; the Indian Ocean, Operation ENDURING FREEDOM; Iraq, Operations IRAQI FREEDOM and NEW DAWN. Retired as Colonel
Highest Awarded Medals: **Legion of Merit; Bronze Star; Defense Meritorious Service**

PUBLICATIONS

Burke, C. J., et al. Military Chaplains as Peace Builders: Embracing Indigenous Religions in Stability Operations. Air University Press, 2004.

Burke, C. J. and V. A. Mabert. "Quickness Versus Quantity: Transportation and Inventory Decisions in Military Repairable-Item Inventory Systems." *Air Force Journal of Logistics* 21 (Fall & Winter 1997): 4-9.

Air Force Journal of Logistics Most Significant Article of the Year, 1997

Burke, C. J., et al. "Dynamic Response Logistics: Changing Environments, Technologies, and Processes." *Air University Air Force* 2025 2 (August 1996).

CONFERENCES AND SYMPOSIUMS

2016, 6 October; Project Management Institute's Austin Chapter Professional Development Conference; Austin TX

Presenter: Governance: Building the PMO Foundation

Presenter: Life Cycle Management: Establishing the Rigor for Success

2005, 24–27 October; Department of Defense Maintenance Symposium and Exhibition; Birmingham AL

Presenter and Panel Member: Air Force Process Improvement: Enhancing Materiel Readiness

1997, 4–8 August; SOLE-The International Society of Logistics Annual Conference; Orlando FL
Presenter: The Move Towards Quickness Versus Quantity in Repairable-Item Inventory Systems

1997, 14–16 April; Air Force Logistics Symposium; Dayton OH
Presenter: Quickness Versus Quantity: Transportation and Inventory Decisions in Repairable-Item Inventory Systems

1996, 23–26 November; Decision Sciences Institute Annual Conference, Orlando FL
Session Chair: Maintenance Systems and Shingo’s Setup Reduction Rule

1996, 17–18 May; Decision Sciences Institute Supply Chain Linkages Symposium; Indiana University, Bloomington IN
Presenter: Stockage Level, Location, Repair Priority, and Shipping Decisions in Repairable-Item Inventory Systems

ACADEMIC HONORS AND AWARDS

Beta Gamma Sigma – The International Honor Society Recognizing Business Excellence
Sigma Iota Epsilon – The National Honorary and Professional Management Fraternity
Dean’s List, Air Force Institute of Technology
Dean’s List, School of Engineering, University of Notre Dame
The National Dean’s List
Who’s Who Among Students in American Universities and Colleges

PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

Project Management Institute: Certified Project Management Professional
SOLE – The International Society of Logistics: Certified Professional Logistician
Department of Defense: Program Management Certification – Level II
Department of Defense: Life Cycle Logistics Certification – Level I
Logistics Executive Development Seminar, Air University
Advanced Program in Logistics and Technology, University of North Carolina
Security Clearance: Top Secret / Sensitive Compartmental Investigation

MEMBERSHIPS AND ASSOCIATIONS

Project Management Institute
University of Texas Longhorn Foundation
Indiana University Alumni Association (Life Member)
University of Notre Dame Alumni Association
Air Force Association (Life Member)
Military Officers Association of America (Life Member)
Veterans of Foreign Wars (Life Member)
American Legion (Life Member)
Airline Owners and Pilots Association – Airport Support Network Volunteer (Life Member)
Harley Owners Group (Life Member)
American Motorcycle Association (Life Member)
United States Golf Association (Life Member)
United Soccer Coaches