

ROBERT C. HIPPI

EXPERIENCE

Boeing Company (1988 – Present)

Senior Supply Chain Program Manager – Boeing Defense & Space (BDS) Development Programs

November 2017 - Present

- Supply Chain Integrated Product Team (IPT) leader for the Exploratory Upper Stage of the NASA Space Launch System (SLS) program.
- Proposal efforts, sourcing strategies and execution of key development programs.
- Coordination/integration with Program Management, Engineering and Contracts to ensure successful subcontract execution and supply chain management initiatives.
- FIRST Robotics STEM mentor.

Senior Supplier Program Manager – Boeing Supply Chain Operations

June 2011 – October 2017

- Team leader for Boeing supply chain strategy, operations, and analytics group.
- Led Boeing/IBM policy and compliance project developing solutions for early detection of anomalies in the sourcing process.
- Developed and maintained relationships with leaders in Supplier Management, Programs, and WDC Government Operations for supply chain strategy and advocacy activities.
- Supply chain graduate student projects with Washington University – St. Louis and Rensselaer Polytechnic Institute (RPI).
- Member of the Massachusetts Institute of Technology (MIT) Supply Chain Risk Forum (2015-2017).

Supplier Program Manager – BDS Supplier Management Operations

October 2005 – May 2011

- Responsible for leading Boeing spend analytics assessments, identifying aggregated supply chain risks, efficiencies, and productivity improvement opportunities.
- Integration of Boeing Supplier Management activities by leading and participating on cross functional teams and consulting with executive level focals to plan and manage work with multiple business objectives.

Supplier Program Manager – Global Services & Support/Emerging Programs

January 2000 – September 2005

- Developed subcontracting plans and supplier work statements for new business proposals.
- Business Manager for the Boeing Enterprise Supplier Tool (BEST) program, defining statements of work, requirements and business processes across functional organizations and business units.
- Coordinated with Supplier Management leadership to develop new enterprise-wide processes to manage supplier data in new supplier systems.
- Supplier Program Manager for F-15 and F/A-18 spares, repairs and retrofit programs managing all aspects of supplier and performance throughout all contract phases.

Senior Project Engineer – F/A-18 E/F Production Program

April 1999 – December 1999

- Product design and verification of structural integrity by using analytical methods, finite element models and simulations.
- Development of a F/A-18E/F Test Methodology Manual for polymer matrix composite materials.
- Certification of polymer matrix composite structures, damage tolerant designs and repair concepts.
- Developed test plans and configurations, supported test execution and analyses validating system/component requirements.

Project Manager/Project Engineer - Phantom Works

August 1988 – March 1999

- Co-leader of a four-year \$40 million NASA design-build project managing multi-company and multi-disciplined engineering teams.
- Structural Engineering lead for the NASA High Speed Civil Transport development and two DARPA sponsored Advanced Composite Submarine Technology programs.
- Author/co-author of nine published technical papers on the following subjects: Environment Effects of Textile Composites, Accelerated Test Methods of Polymer Matrix Composites, Long-Term Aging of Polymer Matrix Composites, and Thick Composite Test and Analysis Methodologies.

TEACHING

University of Alabama - Huntsville

August 2019 – Present

Adjunct Faculty Member

- Courses taught include Operations & Supply Chain Management
- 2022 College of Business Honor Roll Students Choice Award

St. Louis University

January 2014 – December 2016

Adjunct Faculty Member – Cook School of Business

- Courses taught include Business Statistics and Quantitative Methods

Fontbonne University

November 2004 – December 2013

Senior Adjunct faculty member in the Master of Business Administration program

Adjunct faculty member in the Mathematics and Computer Science Department

- Courses taught include Business Statistics, Quantitative Methods, Operations Management, Statistics, Differential Equations and MS Office Suite Applications

EDUCATION

Washington University

Master of Science, Mechanical Engineering

(January 1990 – December 1992)

St. Louis, MO

Missouri University of Science and Technology

Bachelor of Science, Engineering Mechanics

(August 1982 – December 1986)

Rolla, MO