

Nick Vyas CV

Nick Vyas
1149 S Hill St, AT&T Suite 954
Los Angeles, CA 90015
Work: 213-821-4709
Cell: 323-816-5145
nikhilvy@marshall.usc.edu

Personal Profile

A Transformative Global Supply Chain Executive, Educator and Thought Leader with experience ranging from small to Fortune 100 companies, who combines business acumen with operational proficiency to provide consistent improvements in productivity, quality and customer service. An influential professor and speaker at universities, industrial forums, global conferences, known for his holistic teachings and domain expertise. A leader recognized for excellent results, innovative strategies to customer solutions, and experience in multi-dimensional product network

Areas of Expertise

Lean/Six Sigma Project Management
Operations Management and Process Controls
Quality Assurance / Quality Control
Strategic Planning and Execution B2B, B2S, B2C
Vendor Supply Chain Relations
Budget, P&L and Shareholder accountability
Sourcing, Contract Negotiations & Management
Sustainable Supply Chain
Labor Relations

Publications

07/01/16 Publication, Turning Disruptive Technology into a Positive, Inside Supply Management Magazine

10/20/15 Publication, Panama Canal expansion and its impact on East and Gulf coast ports of USA, Maritime Policy and Management

09/01/15 Publication, Four Compass Points of Modern Global Supply Chain, Supply Chain Management (September – October, 2015 Edition)

01/06/14 Blog Article, Lean application in Genome Research, Children Hospital Pediatric Research

Research

2015-2016 Cancer Research Project – Harmonization of Clinical Research
2015-2016 Customs and Border Protection (CBP)
2015-2016 Port Solution: Overall analysis
2015-2016 Port Solution: Model analysis
2015-2016 Port Solution: Clean Air 3.0- CO2 analysis
2015-2016 United Nation Population Fund (UNFPA) Feasibility Study
2015-2016 United Nation Population Fund (UNFPA) Impact analysis Study
2015-2016 United Nation Population Fund (UNFPA) Design of last mile network
2016 Kaizen Retreat – CISO USC Hospital
2016 The Future of Supply Chain in the Cloud Market Research Study
2016 City of LA - Emergency Services; Post Disaster Services 2
016 UNFPA – Network Design using Drone for last mile in Africa (Ghana)
2017 SoCal Gas MSGSC Partnership

Speaking Engagement

- 09/23/16 Speaker, USC Marshall Partners, Miramar Airshow
- 08/31/16 Speaker, Terrapinn Inc, USA - Home Delivery West
- 07/24/16 Speaker, Dominican Republic - Speaking Engagement and partnership for research and center's future activities
- 06/21/16 Speaker, Peru - Lean Excellence in Global Supply Chain Management
- 06/10/16 Speaker, IBEAR MBA Program - JETRO's Asia Pacific Economic Cooperation Forum
- 06/01/16 Presenter, USC Marshall External Relations Department / Matt De Vecchi – Marshall External Relations Speaker Series
- 05/08/16 Speaker, Pulse 2016 Conference - Bristlecone Conference
- 05/03/16 Speaker, Federal Maritime Commission - Supply Chain Innovation Teams initiative at Federal Maritime Commission Headquarters
- 4/19/16 Speaker, IBEAR/APBO Conference - Asia Supply Chain 2020: The Supply Chain Outlook for Emerging Markets
- 04/12/16 Speaker, Windshime University, Nederland, Global Challenge - Global student Competition
- 04/05/16 Speaker, Amsterdam - Global Supply Chain Trends / Student competition
- 02/05/16 Speaker, SELF 16 Las Vegas Forum - SELF 16 Las Vegas Forum
- 12/02/15 Speaker, Amcham - Future Trends in Supply Chain Management, Rio, Brazil
- 11/30/15 Speaker, Unilever, HQ Latin America – Future Trends in Supply Chain Management, San Paulo, Brazil

- 11/15/15 Speaker, Humanitarian Health Care Conference – Use of Drone as a Last Mile Delivery for social cause
- 11/23/15 Interview, Supply Chain Trends in Latin America, El Economista – Supply Chain Stories
- 10/24/15 Speaker, USC Dean’s Private Roundtable, World Conference – Asia Supply Chain, Shanghai China
- 10/23/15 Speaker, Asia Supply Chain 2020 Roundtable – Future Outlook of Supply Chain in Asia
- 10/16/15 Speaker, Customs Border and Protection Research Project Final Presentation – CBP Sharpening Expertise, Washington DC, United States
- 09/08/15 Speaker, Port of LA Container Terminal Support Facility Presentation - Improving Port Efficiency, Los Angeles, CA United States
- 08/09/15 Keynote Speaker, Sports & Fitness Industry Leader Association - Global Supply Chain Outlook 2020, New Orleans, LA United States
- 07/30/15 Speaker & Host, Trade Outlook 2020 Roundtable – Future Global Supply Chain Macro/Micro Trends, Chicago, IL United States
- 07/21/15 Panelist, City of LA Supply Chain Resilience – Supply Chain Outlook in Los Angeles, Los Angeles, CA United States
- 06/27/15 Lecturer, Executive Training – Lean Six Sigma Yellow Belt Courses, Los Angeles, CA United States
- 06/15/15 – 06/19/15 CISCO Executive Training – Lean Six Sigma Green Belt Courses, Santa Ana, CA United States
- 05/21/15 Panelist, RAND Corporation Roundtable – Micro & Macro Trends in Global Supply Chain Management, Los Angeles, CA United States
- 05/13/15 Speaker, YPO – WPO Port of LA/LB Event, Improving Port Efficiency, Los Angeles, CA United States 04/24/15 Keynote Speaker, Retail 2020 Roundtable – Micro & Macro Trends in Global Supply Chain Management, San Francisco, CA United States
- 03/18/15 Interview, LA Business Journal – Global Supply Chain Outlook
- 02/18/15 Interview, CBS – Impact of Drought in Supply Chain
- 02/10/15 Speaker, ASQ Orange County Speaking Event – Design of Experiment in Supply Chain, Orange County, CA United States
- 01/07/15 Interview, Organizational Excellence with ASQ – Organizational Excellence
- 11/13/14 Speaker, APICS LA Chapter Professional Development Meeting (PDM) – Impact of Disruptive Technology in Supply Chain
- 11/11/14 – 11/12/14 Keynote Speaker, Peru Global Supply Chain Conference – Application of Lean Six Sigma Methodology in Supply Chain Industry
- 11/09/14 Speaker, Southern California Quality Conference – Lean Excellence in Supply Chain Industry
- 02/27/14 SME Speaker – Disruptive Technology and its impact on GSCM – Marshall Partners Leadership Summit, Orange County, California, USA
- 01/16/14 Key Note Speaker, Business /Academic Conclave - Excellence in Supply Chain, SP Jain, Mumbai, India
- 01/11/14 SME speaker – Future Trends in Supply Chain, Jakarta, Indonesia

- 11/06/13 Case-Worx – Feasibility of Sustainable Supply Chain for Small industry – Interview
- 07/27/13 Trends on Re-shoring/right shoring – Orange County register
- 04/18/13 Roundtable conference - Future trends in Global Supply Chain, Taipei, Taiwan
- 04/15/13 Roundtable conference - Future trends in Global Supply Chain, Shanghai, China
- 04/11/13 Roundtable conference - Future trends in Global Supply Chain, Seoul, Korea

Professional Experience

USC Center for Global Supply Chain Management

Executive Director

Present

- Planned, co-founded, and created the initiative for the USC GSCM
- Serves as thought leader in the supply chain industry and organizes, hosts, and speaks at conferences and webinar with other industry leaders
- Creates connections between USC Marshall's Center for GSCM and multinational companies around the world
- Heads an advisory board of approximately 25 industry leaders to provide guidance to the center and members

USC Marshall Master's in Global Supply Chain Management

Assistant Professor of Clinical Data Sciences & Operations, GSCM, Application Lean Six

Sigma Program Director

Present

- Led planning and execution of the initial program coordination with a successful launch of the first global cohort
- Promotes the growing industry of supply chain management and works diligently to bridge the talent gap in the industry through educating future business leaders
- Led a group of 38 students on experiential learning trip to Singapore

California Polytechnic Extended University, Pomona

Adjunct Professor, Global Supply Chain Management

Adjunct Professor, Lean Six Sigma

August 2008 – January 2013

- Teach Green belt and Black belt Lean Six Sigma theory and practical application to various mid to senior level executives
- Received 4.8 out of 5 on 360 feedback from participants on their ability to relate the knowledge to their respective work place
- Speak and train various government and business delegates from China on advanced concepts of Quality Management and Supply Chain
- Organize on-line modules for Supply Chain Principles with various modules focusing on Global Transportation, Distribution, and Customs Regulatory Practices

Code Blue Global Advisor (CBGA LLC)

Advisory Board

Chief Lean Enterprise officer June

2010 - June 2012

- Institutionalized lean concepts to Executive/Students from aerospace, health care Tools/Technique of Lean and Six Sigma Green belt and Black belt certifications focusing on “Live” hands on process improvement projects over \$100 million for over 48 companies
- Generated over \$18.6 million dollar worth of improvement opportunities for large to mid-size companies in various sectors/industries
- Conducted first ever Lean-Kaizen event for 26 Genome-Research physicians and scientists

ALLogistx International Inc.

Advisory Board

June 2012 – Present

Executive Vice President

June 2009 - June 2012

- Provide tactical/strategic leadership and vision for company focusing on small to mid-size customers with E2E Supply Chain Management, sourcing optimization, Global import/export as well as web-based supply chain visibility solutions
- Promote state of the art supply chain management practices for global fortune 1000 customers in North America, Latin America and Asia within distribution/transportation and sourcing operations
- Speaker at Asia Sourcing Strategy conference in LA, Mumbai, and Singapore highlighting areas of opportunities for businesses to maximize their Supply Chain opportunities

Toys R Us/ Babies R Us Sr.

Director of Operations

May 2006 - June 2009

- Managed twelve distribution centers across USA with over nine million sq. ft. of distribution space
 - Consistently delivered financial results each year while overcoming 160,000 man hour shortfall in first two quarter of FY 2006
 - Delivered 8% productivity returns and 11.5% total cost reductions against a volume increase of 7% for FY 2007
 - Record lowest safety incident rate (per 100,000 hours worked) in the history of TRU network creating savings of over \$1.2 million dollars
 - Successfully applied and received \$350k CA-State grant to create state of the art employee training program
- Managed private fleet transportation from store delivery to back haul programs delivering balanced cost and service to stores within 50 states
 - Increased back haul revenue by \$1.6 million with profitable routing and cost benefit model

- Created balance scorecard focusing on sub-haul and private fleet network routing model which allowed us to absorb increased fuel cost while maintaining % to sales
 - Created monthly focus group for drivers and implemented various communication programs resulting in 13% lower turn over
- Successfully led Cross Functional Initiative to enhance product flow and residual accuracy
 - The recommendation allowed holistic approach to stabilize deliveries to stores by 32% resulting in \$900k cost reduction for stores while improving in-stock for key items
 - Recognized by Sr. VP to bridge various groups and for team execution of company mission
- Managed closing two distribution centers and outsourcing apparel product network to 3PL creating lower total cost and increasing speed to market by six days reducing inventory carrying cost by \$60 million dollar
 - Working with 3PL distribution center to establish SOP/Best practices as well as new WMS interface to reduce learning curve while closing two TRU apparel buildings gracefully.
- Identified Lean Sigma (KAIZEN) training as well as creating DC specific process improvement opportunities to get the goal of reducing operating expense by 9% • Conceptualized and implemented Monthly Associate Survey across the network to focus on associates morale proactively and equally to other financial metrics thus having entire network union free

Sears Logistics Services Inc.

General Manager

June 1998 - May 2006

(Fashion Center, Consolidator, Flow through Center, Import Center)

- Managed four distribution facilities with 45 managers/supervisors and 500 employees with the operating budget of \$78 million and processing inventory of \$1.6 billion
- Managed largest import center (78% Asia, 12% Latin America, 10% other) with seamless coordination and execution of supply chain flow.
- Conceptualized, analyzed with executive board sign off on first ever Multi-Purpose Logistics Center (MPLC) by breaking down product silo and creating largest ship point for Sears Holding processing over 175 outbound loads exceeding cost, service and quality goals for four years
- Created first of its kind Multi-Purpose Logistic Center to overcome channel (product) barriers
- Managed fast paced, high volume centers while implementing higher productivity standards within highly restrictive budgets
- Monitored and maintained productivity, and implemented changes and new processes using information technology based tools to achieve competitive advantage

- Oversight of customer service of 156 Sears Stores and 12 regional distribution center and improved throughput capacity by 36% with process mapping, as well as enhancement training

Sears Logistics Services Inc.

Supply Chain Park General Manager

April 2002 - May 2004

(14 distribution centers within four networks)

- Nominated by President of Logistics and Operation to oversee the Southwest Logistic Units, total of 14 distribution centers in the region to create synergy, and cross channel opportunities
- Reduced Operating expense by 13% per year over 4 years
- Enhanced customer service index by 42% with the rating index of 15.3 out of 16 (perfect score)
- Negotiated a training grant from local government/university to create on-site training programs for associates
- Improved Quality index to 99.785% highest ever in last 10 years by introducing in-line quality control process
- Created succession planning program at all levels of organization with huge success and has been adopted company-wide as best practice across the channels
- Introduced locally grown productivity program with principles of Activity Based Costing and Incentive resulting in over \$1.5 million dollar payoff to associates while saving over \$16 million to company
- Improved load factor by 600 lbs. per load which resulted in transportation savings of over \$2 million

Duty Free of America, DFI Inc.

VP of Global Operations

May 1996 - June 1998

North America, Latin America, and Asia Pacific

- Managed 9 U.S. locations ranging from New York to Hawaii and 5 Asian sites from Japan to Hong Kong and four Latin American sites from Brazil to Peru with the budget of \$178 million
- Provided sourcing strategy, product development and working with each Marketing leader to build end to end supply chain solution (55% Asia, 32% Europe, 18% rest of the world)
- Design and implementation of database and automation which helped reduce losses of \$1.5 million
- Design and implementation of various reports to perform trend analysis and timely asset monitoring
 - Established Standard Operating (SOP) for global implementation resulting in savings of \$14M.
 - Responsible for designing New Facilities including Facility Layout, Material Handling, Procurement which resulted in \$2.3M in net savings

- Prepared and allocated 1800 process improvement tasks and 600 continuous improvement sub tasks to more than 132 frontline and 13 senior managers.
- Task Manager for Ground Based Management System (GBMS) worth \$14 million to create a perpetual inventory tracking system for 60 locations worldwide that reduced inventory loss and increased product sales while reducing shortages delivering ROI in 2.3 years

Federated Stores Inc.

Operations/Project Engineer

February 1994 - May 1996

- Designed and developed Electronic Data Interchange (EDI) model to achieve the corporate goal of 100% EDI working with six departments in timely manner
- Managed 105 associates in various departments with a budget of \$160 million
- Worked with global sourcing division to streamline data flow and optimize total landed cost.
- Consolidated Receiving Department, Merchandise Processing Services (MRS) and Traffic Department to increase utilization efficiency and to reduce budget by \$520k/year
 - Increased Advance Ship Notification (ASN) utilization efficiency from 38% to 70%
 - Increased ASN vendors from 46 to 180 with a goal of 300+ by end of the year for Quick Response System
 - Created vendor and carrier violation database to capture and analyze areas to reduce trouble, rework and non-value added work
 - Designed and developed vendor dispute database to identify root causes by department to monitor compliance, service time and to reduce future shortages
 - Increased vendor violation revenue by 100% in six months

CaliFame of Los Angeles

Industrial/Manufacture/Facility-Plant Engineer

January 1992 - February 1994

- Supervised entire manufacturing facility, purchasing department and warehouse
- Developed Standard Practice Manual and Methodology for various sewing operations
 - Standardized operation sequence and motion sequence using motion study that helped reduce injuries by 23%
 - Designed work layout using ergonomic principles to reduce work-related injury resulting in \$480,000 savings
 - Established Time Standards, Standard Allowance (SAM) and piece rate for each sewing operation using Pre-determined Motion Times (PMT) and other time study methods resulting in 56% increase in productivity

B'Gosh Consulting

Sr. Consultant Boston, MA

September 1987 – January 1992

- Provided strategic and tactical turn around guidance for M&A portfolio of major companies
- Value stream analysis and process documentation to lead companies through Lean Sigma and ISO certification

Professional Affiliations

- American Society of Quality (ASQ), Chair; ASQ, Lean Division – Global Initiatives
- Advisory Board Member, Confederation of Indian Industry (CII)
- Institute of Industrial Engineering – Associate Member
- Member of Supply Chain Council • Past Board Member of Institute of Retail Management, CSULA
- Past Board Member Juvenile at Risks, Youth mentoring
- Past Board Member SPEFF

Academic Profile

California Polytechnic University, Pomona M.B.A / Finance, Operations Mgt., 2004

California Polytechnic University, Pomona: B.S. in Industrial/Systems Engineering 1992