

CURRICULUM VITAE

NICK VYAS, BS, ISE MBA, Ed.D

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I. BIOGRAPHICAL INFORMATION

PERSONAL INFORMATION:

University Address: University of Southern California
USC Marshall Center for Global Supply Chain Management
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Los Angeles, CA 90015
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UNIVERSITY EDUCATION:

2019 University of Southern California
Ed.D
Use of Blended Quantitative/ Qualitative TQM model in Higher Education
Institutes (HEI)

2004 California Polytechnic University, Pomona
M.B.A, Finance and Operations Management

1992 California Polytechnic University, Pomona
B.S., Industrial and Systems Engineering

ACADEMIC APPOINTMENTS:

2011 – Present Executive Director
USC Marshall Center for Global Supply Chain Management

2017 – Present Academic Director
USC Marshall Master’s in Global Supply Chain Management

2011 – Present Assistant Professor of Clinical
USC Marshall Master’s in Global Supply Chain Management
Data Science and Operation (DSO)

Aug 2008 – Jan 2013 Adjunct Professor, Global Supply Chain Management
California Polytechnic Extended University, Pomona

Aug 2008 – Jan 2013 Adjunct Professor, Lean Six Sigma
California Polytechnic Extended University, Pomona

CAREER EXPERIENCE

2011 – Present Executive Director
USC Marshall Center for Global Supply Chain Management

2017 – Present Academic Director
USC Marshall Master’s in Global Supply Chain Management

2011 – Present Assistant Professor of Clinical
USC Marshall Master’s in Global Supply Chain Management
Data Science and Operation (DSO)

Jun 2012 – Present Advisory Board
ALLogistx International Inc.

2010 –Present Advisory Board
Code Blue Global Advisor (CBGA LLC.)

June 2009 – June 2012 Executive Vice President
ALLogistx International Inc.

Aug 2008 – Jan 2013 Adjunct Professor, Global Supply Chain Management
California Polytechnic Extended University, Pomona

Aug 2008 – Jan 2013 Adjunct Professor, Lean Six Sigma
California Polytechnic Extended University, Pomona

May 2006 – June 2009 Senior Director of Operations
Toys R Us/Babies R Us Sr.

Jun 1998 – May 2006 General Manager
Sears Logistics Services Inc.

April 2002 – May 2004 Supply Chain Park General Manager
Sears Logistics Services Inc.

May 1996 – Jun 1998 VP of Global Operations
Duty Free of America, DFI Inc.

HONORS, AWARDS, FELLOWSHIP

2017	Recipient of Golden Apple Award
2018	Recipient of APICS Excellence Award – Supply Chain Leader
2019	Fellow of the American Society of Quality

PROFESSIONAL ORGANIZATIONS/AFFILIATIONS

Member, Member, USC National Academy of Inventors
Member, Advisory Committee on Supply Chain Competitiveness (ACSCC)
Member, Council of Supply Chain Professionals (CSCMP)
Faculty Mentor, USC Marshall School of Business Undergraduate
Founding Member of Global Retail Insights Network, Inc.
Member of WTW LA Chamber of Commerce
American Society of Quality (ASQ), Chair; ASQ, Lean Division – Global Initiatives
Advisory Board Member – Optzz Chain LLC.
Advisory Board Member – CBGA LLC
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

EXPERT WITNESS ENGAGEMENTS

Lewis Brisbois

Gibson Dunn

Alcantar & Associates

U Tam Innovations

Criveldo Carlson S.C.

INNOVATION ACTIVITIES

- Grand band management system (GBMS) – First in kind operations management
- First multi-purpose layout Cont (MPLC)

- 1st MPLC for multi-channel E2E natural model.
- Completed best in class cloud band YMS

II. SCHOLARLY ACTIVITY

PUBLICATIONS

March, 2019	<i>Blockchain and Supply Chain</i> , Nick Vyas, Bhaskar Krishnamachari, and Aljosja Beije
Mar 01, 2017	Publication, Disruptive Technologies in Supply Chain, CIO Review https://procurement.cioreview.com/cxoinsight/disruptive-technologies-in-supply-chain-nid-24039-cid-100.html
Jan 31, 2017	Publication, From Drones to Data: Disruptive Technologies in Supply Chain, SCF Briefing https://www.scfbriefing.com/from-drones-to-data-disruptive-technologies-in-supply-chain/
Jul 01, 2016	Publication, Turning Disruptive Technology into a Positive, Inside Supply Management Magazine http://www.ismmagazine-digital.com/ismmagazine/inside_tech?pg=12#pg12
Oct 20, 2015	Publication, Panama Canal expansion and its impact on East and Gulf coast ports of USA, Maritime Policy and Management
Sep 01, 2015	Publication, Panama Canal expansion and its impact on East and Gulf coast ports of USA, Maritime Policy and Management)
Jan 06, 2014	Blog Article, Lean application in Genome Research, Children Hospital Pediatric Research

RESEARCH

2015- Present	Port Solution Research –Exploring the system, capacity, and environmental impacts at the Port of Long Beach and Port of Los Angeles Port Solution: Overall analysis Port Solution: Model analysis Port Solution: Clean Air 3.0- CO2 analysis
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Port Modeling Simulations

2015- Present	Cancer Research Project – Harmonization of Clinical Research Keck Medical
2018- Present	GlassPoint Solar – Low Carbon Fuel Standard Market Supply Chain Analysis
2019 – Present	Jet Propulsion Laboratory – Lean Application
2018	Sempra Energy
2018	Constant Northrup Grumman Requirement Date & Supplier Data Management System - to identify issues and improve overall workflow processes and management.
2018	Red Rocker Candy - Identify issues and improve overall workflow processes and management.
2018	Bloomin’ Brands - The goal is to identify the issue and create a framework to solve the challenges with their perfect order fill rate metric. This is causing huge overnight costs, expedited freight, and loss in sales.
2018	CR&A - Identify issues and improve overall workflow processes and management.
2018	Dallas International Airport Research - Balancing growth in passenger and freight traffic along with the need to reduce and manage the carbon footprint. They must also achieve other green considerations and noise abatement. All this needs to be done in a cost optimization model.
2015-2016	Customs and Border Protection (CBP)
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

2016 UNFPA – Network Design using Drone for last mile in Africa (Ghana)
2016 SoCal Gas MSGSC Partnership

MAJOR PROFESSIONAL PRESENTATIONS

01/28/2019 VerdeXchange Conference - Panel on Ports and Goods Movement
05/21/2019 USC Global Supply Chain Management Mexico Symposium
08/05/2019 USC Global Supply Chain Excellence Summit
09/06/2019 Panelist, Current Issues in Supply Chain Strategies, discussion of current supply chain technologies and practices, Association of Small Business Development Centers
10/11/2019 Panelist, General Session on Blockchain, Wescon Conference
10/11/2019 Panelist, Big Data, Wescon Conference
10/24/2019 Keynote, Global Supply Chain Outlook in a Time of Uncertainty, ISCC Berlin Germany
11/20/2018 Keynote (Webinar) Facing the New Realities of Transportation Management, Peerless Media
11/08/2018 Panelist, Operation Supply Chain
USC Marshall Corporate Directors Symposium
10/2/2018 Award Recipient, APICS Supply Chain Leader
10/23/2018 Speaker, Emerging Tech and its Impact on Supply Chain
American Supply Chain Management Strategies Summit
08/20/2018 Supply Chain Summit Interviews, GAP
08/15/2018 Speaker, USC & KPMG Brazil – Roundtable
04/10/2018 Speaker, Modex Conference
04/16/2018 Speaker, APBO

03/15/2018	India USC GSCM Symposium
02/07/2018	Speaker, Marshall Partners Valley Board Meeting
02/23/2018	Moderator LINC Plenary
11/09/2017	Speaker, Urban Workshop
10/23/2017	Speaker, PUCMM CesLog, Roundtable
08/25/2017	Speaker, USC Brazil – Roundtable
08/21/2017	Speaker, Dachser – Lean Six Sigma Training
06/05/2017	Speaker, CSCMP Peru – Lean Six Sigma Training
05/09/2017	Speaker, California-China Business Summit - Panelist- E-Commerce
05/04/2017	Speaker, India Integrated Transport & Logistics Summit 2017 - Standards and Skills for Logistics and Logistics Outlook 2020
04/20/17	Speaker, Boeing, Advisory Committee on Supply Chain Competitiveness (ACSCC)
03/27/17	Speaker, APBO Conference
01/10/17	Speaker, IBM Watson Conference – Supply Chain 101
12/08/16	Speaker, Supply Chain Finance Community Forum, Supply Chain Finance
12/07/16	Speaker, Windesheim University of Applied Sciences
11/04/16	Speaker, USC Marshall Board Leaders - Digitalization of America’s Supply Chain
10/25/16	Speaker, AMCHAM Shanghai - Emerging Technology & China's Supply Chain
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

04/19/16 Speaker, IBEAR/APBO Conference - Asia Supply Chain 2020: The Supply Chain Outlook for Emerging Markets

04/12/16 Speaker, Windesheim 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, Sothern 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

NEWS RELEASES AND PROFESSIONAL PRESS

08/28/2019	Interview with Press Play, KCRW, China’s Impact on California’s Agriculture
08/22/2019	Interview with USC Today, Trade War with China and Impact on California
06/27/2019	Interview with CGTN on G20 Summit Osaka Summit: China USC Trade War
11/19/2018	Interview with David Wagner, KPCC: Black Friday Tariffs
08/13/2018	Supply Chain Management Review: USC Marshall 6th Annual Global Supply Chain Excellence Summit Addresses “Transparency”
07/05/2018	Interview with Laura Sydell, NPR: L.A. Port Will Likely Feel Effects From U.S.-China Trade War
04/12/2018	Russia Television America, Port and Supply Chain
02/28/2018	Interview with Peter Buxbaum: Global Supply Chain
01/05/2018	Interview with Jessica Rocha: Licensed merchandise product supply chains and their management. Transparentem. www.transparentem.com
01/03/2018	Interview with Ian Chafee: USC University Source Alert on Blockchain Tech/Bitcoin
12/11/2017	Interview with Matthew Simmons: 100th Anniversary of Spanish Flu

USC University Source Alert

08/14/2017	Interview with Rick Paulas: Child Labor in Supply Chain
04/06/2017	Interview with Carmen Marti: USA Today
04/04/2017	Interview with Shwanika Narayan; Shipping Alliances & Supply Chain LA Business Journal
03/21/2017	Interview with Melodie Michel: gtreview.com
01/05/2017	Interview with Jessica Mendoza: Technology & Disruptions Trade Logistics

III. Teaching Activities

COURSES TAUGHT AND/OR DEVELOPED

DSO 549	Application of Lean Six Sigma
DSO 557A	Global Supply Chain Management in International Settings, Singapore
DSO 557B	Global Supply Chain Management in International Settings, Los Angeles
DSO 599	Emerging Technologies in Supply Chain
DSO 599	Supply Chain Finance
DSO 599	Supply Chain Analytics