

CURRICULUM VITAE

NICK VYAS, BS, MBA, Ed.D

September 2019

I. BIOGRAPHICAL INFORMATION

PERSONAL INFORMATION:

University Address: University of Southern California
USC Marshall Center for Global Supply Chain Management
1149 S. Hill Street, Suite 950
Los Angeles, CA 90015
E-mail: nikhilvy@marshall.usc.edu
Faculty website: <https://uscsupplychain.com/>
LinkedIn: www.linkedin.com/in/thevyas007/

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

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 Blockchain and Supply Chain, 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
Port Modeling Simulations
- 2015- Present Cancer Research Project – Harmonization of Clinical Research
Keck Medical

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| 2018- Present | GlassPoint Solar – Low Carbon Fuel Standard Market Supply Chain Analysis |
| 2019 – Present | JPL – 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

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| 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) |

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| 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

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| 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

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| 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 |

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| 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

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| DSO 549 | Application of Lean Six Sigma |
| DSO 557A | Global Supply Chain Management in International Settings, Singapore |

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| 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 |