

Shereazad Jimmy Gandhi

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EDUCATION, AWARDS AND SOCIETIES

Education

- Stevens Institute of Technology, Hoboken, NJ; **Ph.D. Engineering Management**
Graduation Date: May 27, 2010; GPA: 4.00 / 4.00
- California State University, Northridge, CA; **M.S. Engineering Management**
Graduation Date: June 2005, GPA: 3.85/4.00
- Illinois Institute of Technology, Chicago, IL; **B. S. Engineering Management**
Graduation Date: July 2003

Awards and Special Recognition

- Awarded **Franklin B.W. Woodbury Special Service Award** from The American Society of Engineering Management (ASEM), October 2017
- CSUN **Principal Investigator Recognition**, May 2017
- Awarded 2016 **Meritorious Service Award for Outstanding Non-Board Member** by The American Society of Engineering Management (ASEM), October 2016
- Recognized by University President and The University Corporation as **Principal Investigator for Research Awards** to CSUN, May 2016
- Awarded **Future Technology Leader Award** for fostering student success through the development of state of the art courses and research project in innovation and entrepreneurship. Awarded by The Engineers Council, February 2016
- Awarded **Outstanding Engineering Achievement Merit Award** for outstanding contributions in the field of Entrepreneurship in Engineering Education. Awarded by The Engineers Council, February 2015
- Awarded **China Institute Faculty Development Grant** for The Academic Year 2014-2015 in the amount of \$1000
- Awarded **Faculty Development Funds** to attend teaching conference for The Academic Year 2014-2015 in the amount of \$350
- Recognition letter from President Dianne Harrison commending contributions to furthering research and sponsored programs at CSUN.
- Awarded **Outstanding Engineering Achievement Merit Award** for outstanding contributions to Entrepreneurship Education and Quality Management and

sustained excellence in leadership and professional service to the Engineering Management Division of ASEE at 58th Annual Honors & Awards Banquet celebrating National Engineers Week.

- Awarded **Distinguished Teaching Assistant of the year award** at Stevens Institute of Technology for 2008-2009 (Received September 2009)
- Awarded **American Society of Engineering Management (ASEM) outstanding teaching assistant award** (Received: May 21, 2010)
- Awarded **Certificate in Sustainable and Socially Responsible Sourcing Practices** (Associate Level) by the Global Sourcing Council
- **Nominated to Epsilon Mu Eta** (The Engineering Management Honor Society), November 2006

Affiliations with Professional or Technical Societies/Organizations

- American Society of Engineering Management (ASEM), Member (since 2006)
- American Society of Engineering Education (ASEE), Member (since 2007)
- American Society of Quality (ASQ), Member (since 2008)
- International Association of Outsourcing Professionals, Member (2008-2013)
- Global Sourcing Council, Member (2008 - 2013)
- Elected to the Board of Directors, Global Sourcing Council (June 2013 – June 2015)

WORK EXPERIENCE

Academic Experience

Associate Professor: 08/2017 – Present: Department of Manufacturing Systems Engineering and Management (MSEM), California State University, Northridge (CSUN)

Position Description:

Received early promotion to the rank of Associate Professor due to outstanding contributions in the field, teaching and service to the university and community. My responsibilities include teaching classes in Lean Manufacturing Systems, Innovation and Entrepreneurship, Engineering Research Practicum and Directed Comprehensive Studies. In addition, I am also the Director for the Ernie Schaeffer Center for Innovation and Entrepreneurship and also the department assessment liaison, responsible for the ABET assessment and accreditation of both undergraduate programs in the MSEM department.

Assistant Professor: 08/2012 – 08/2017: Department of Manufacturing Systems Engineering and Management

California State University, Northridge (CSUN)

Position Description

This is a tenure track assistant professor position that I have started in the Fall 2012 semester. My teaching responsibilities include teaching courses on quality management, lean manufacturing, project management, systems engineering, sustainability and entrepreneurship. Furthermore, along with other EM faculty, I have also been involved in the revamping of The Engineering Management graduate program, which includes writing course proposals as well as development of the relevant new material. This new/revised courses will be offered effective Fall 2016.

Since, Spring 2014, I have been appointment as the Director of The Ernie Schaeffer Center for Innovation and Entrepreneurship, which has resulted in several activities being planned in the entrepreneurship domain as well as the creation of a new area of research interest.

As part of partnering with local industry, courses I teach have been made service learning courses as well as incorporation of updated topics in my classes based on feedback from industry partners I collaborate with.

In Fall 2015, I taught a class titled, “Research Practicum in Engineering Management” with a focus on supply chain management and sustainability, which included a experiential learning component to our students including a visit to companies in Germany such as BMW and Audi as well as working on term projects for those companies.

Since Fall 2015, I have also been nominated to be the ABET assessment coordinator for the department and will be responsible for activities related to the Engineering Management accreditation visit by ABET in Fall 2016. My responsibilities will include writing the self-study report that has to be submitted to ABET.

In Spring 2016, I taught an independent research study class (MSE 699) for which the deliverable was doing research on a topic of interest for the student and submitting a paper to a peer reviewed conference. The conference chosen was The 2016 American Society of Engineering Management International Annual Conference and it resulted in 2 students’ papers being selected for publication. This course gave the students exposure to not only doing applied research and understanding how research is to be used as a problem solving tool, but also enabled them to co-author a publication each for a peer reviewed conference.

Additionally, **in Spring 2016**, I also taught a service learning class in Lean Manufacturing (MSE 507) with a local non-profit partner. This was extremely successful and gave the students a hands on learning experience and was also recognized by the local non-profit as a huge contribution to enhancing their business operations and was recognized by their CEO via email to the University President and other administrators.

In Fall 2016, I offered an Engineering Research Practicum Class (MSE 692), with a focus in supply chain management. This class involved a field trip for the students to Germany in co-operation with our partner university and included visits to companies such as BMW, Audi, MAN and Continental, which are all top notch companies in the field of supply chain. The exposure the students got through this field trip showed them how what they learned and researched, is actually applied in supply chain management for large companies.

Associate Adjunct Professor: 01/2012 – 06/2012: , Zicklin School of Business, Baruch College, City University of New York (CUNY)

Course Title: *Sustainability in Supply Chains and Operations & Service Operations Management*
Position Description

This course on Sustainability in Supply Chains was developed primarily as an outcome of the research I did during my post-doctoral work. Through case studies used in this course, I have provided the students an understanding of environmental and social sustainability issues in managing global supply chains. The Service Operations Management course provided students a mix of theoretical and practical knowledge about managing service operations in businesses.

Adjunct Faculty: 08/2010 — 7/2012: School of Systems and Enterprises (SSE), Stevens Institute of Technology, Hoboken, NJ

Course Title: *Entrepreneurial Analysis of Engineering Design, Engineering Economics, Logistics and Supply Chain Management & Total Quality Management*
Position Description

Duties included developing the material and assignments required as well as teaching the above mentioned classes. The course material was updated every semester based on consultations with industry professionals. Assignments were based on case studies relevant to the course.

Post Doctoral Research Fellow: 07/2010 to 07/2011: Howe School of Technology Management, Stevens Institute of Technology, Hoboken, NJ

Advisor: Dr. Christine V. Bullen

Position Description

Duties including conducting research in new areas related to global sourcing such as evaluating sustainability risks associated with sourcing projects and developing new tools to mitigate these risks such as Social Sustainability Scorecard to be used by clients, providers and by third party evaluation bodies.

In conjunction with The Global Sourcing Council (GSC), a nonprofit organization focused on sustainability and social responsibility in global sourcing. I am serving as the Co-Chair for the 3S scorecard initiative and will be helping to develop the 3S Scorecard, a tool for organizations to use to help them evaluate their sustainable and socially responsible practices. Several publications are expected as a result of the work on the 3S Scorecard

Head Teaching Assistant: 09/2005 to 05/2010: School of Systems and Enterprises (SSE), Stevens Institute of Technology, Hoboken, NJ

Course Title: *Entrepreneurial Analysis of Engineering Design*

Position Description

Duties included overlooking and managing all the sections for the course titled “Entrepreneurial Analysis of Engineering Design.” This course on entrepreneurship is a core requirement for all graduating engineers and has an enrollment of over 200 students. The course included several entrepreneurship topics such as Introduction to Project management, Introduction to Systems Engineering, Venture Capital Analysis, Marketing Analysis as well as Intellectual Property. The end deliverable for this course was a complete business plan that would be presented to venture capitalists for funding of new innovative technologies.

Teaching Assistant: 1/2009 -- 5/2009 & 1/2010 – 5/2010, School of Systems and Enterprises (SSE), Stevens Institute of Technology, Hoboken, NJ

Course Title: *Total Quality Management*

Position Description

Duties included assisting the professor with designing curriculum for the Total Quality Management Course and also in grading all the assignments and projects that were submitted by the students. I had weekly office hours during which the students would come and meet with me to discuss their projects and how to implement TQM concepts into those projects. I was also involved in the continuous process improvement for this course, which was based on feedback from the students. My duties also included doing research to find articles related to the TQM concepts taught in class to enhance the class discussion and increase the students’ understanding of the topic. An example of the in class discussions conducted on TQM topics was the quality problems that Toyota was having in the early part of 2010.

Research Assistant: 6/2007 – 8/2007, School of Systems and Enterprises, Stevens Institute of Technology, Hoboken, NJ

Position Description

Assisted Dr. Arthur Pyster in a research program to merge systems engineering and software engineering programs. Duties included researching the top schools which had software engineering programs and also compiling the information which was followed up by conducting tele-conferences with identified contacts at those schools to verify information collected. This information on software engineering programs is now being used for continuing research to merge software and systems engineering programs as software engineering programs should have a systems aspect to them which has so far not been addressed at many schools.

Teaching Assistant with lecture responsibilities: 9/2007 to 12/2007, School of Systems and Enterprises, Stevens Institute of Technology, Hoboken, NJ

Course Title: *Project Management of Complex Systems*

Position Description

Duties included helping with instructor with developing and grading course in project management of complex systems. I also was the lecturer for several topics in this course.

Teaching Assistant: 9/2007 to 12/2007, School of Systems and Enterprises, Stevens Institute of Technology, Hoboken, NJ

Course Title: *Designing and managing the Development Enterprise (Web-Campus/ Online Education)*

Position Description

Duties included assisting instructor with online education of students enrolled in this course. Helped instructor with online discussions that are carried out on a weekly basis as well as with the grading for assignments that are submitted online. Obtained a significant amount of insight on how the Stevens Web campus program operates. This program has been awarded the 21st Century Best Practices Award for Distance Learning by the United States Distance Learning Association (USDLA).

PhD student committees I am serving on at Stevens Institute of Technology

1. Yiqun Li
2. Oscar Bonilla
3. Gouquan Xu (defended dissertation in May 2016)
4. Christina Juaregui

PhD student committees I am serving on at Texas Tech University

1. Tara Welbourne (defended dissertation in June 2015)

Industrial Experience

Senior Consultant: July 2013 – present, FYNCO Inc.

- Currently serving as senior consultant at FYNCO Inc in the areas of Supply Chain Management and Risk Mitigation due to my prior experience in the risk management field.

Board of Directors: June 2013 – June 2015, The Global Sourcing Council (GSC)

- Effective June 2013, I was invited to be on the board of directors for the Global Sourcing Council. My responsibilities include developing a curriculum for the sourcing certification program that the GSC will be developing and then offering to both corporations and to universities.
- Based on the curriculum developed in the field of global sourcing, a boot camp was offered by the GSC in New York from May 28- June 3, 2014, for which I was the Director. There were 16 attendees at the boot camp and my duties included curriculum development for a

certification program that was included in the bootcamp as well as all making all logistical arrangements.

Consultant/Project Manager: 7/2011 – 7/2012, The Taproot Foundation

- Serving as a strategy management and project management consultant to Taproot Foundation. Currently serving as a **project manager** for the DanceWave Project. Dancewave is an educational institution based in New York City which provides pre-professional arts training and is currently in expansion mode and is rebranding their image. I serve as the Project Manager for the Key Messages & Brand Strategy Group at DanceWave. My responsibilities include overlooking the entire project and making sure it is completed while satisfying stakeholder requirements, that is, within budget, on schedule and within scope. My duties include requirements gathering for the client, communicating with all team members, status reporting to the account manager and dealing with issues associated with the project.

Co-Chair, 3S Scorecard Initiative: 6/2010 – 6/2015, The Global Sourcing Council

- Co-Chaired the Sustainability Scorecard initiative at The Global Sourcing Council
- Was part of roundtable conferences to develop the sustainability scorecard to be used by providers and clients in the sourcing industry
- Initiated methods on mitigating sustainability risks associated with today's sourcing industry

External Research Consultant: 05/2008 – 05/2010, Finnish Defense Forces

- Conducted research for the Finnish Defense Forces on developing new risk management processes for their Public Private Partnership (PPP) Projects.
- Developed a ranking system for allocating risk management resources to PPP projects

Financial Services Intern: 5/2002 – 8/2002, First Investor's Corporation, Lombard, IL

- Was part of a team that sold various financial products to clients to help prepare them for retirement as well as fund their children's educational expenses.
- Gained a lot of insight into the financial services industry.

Human Resources Intern: 8/2002 – 5/2003, First Investor's Corporation, Lombard, IL

- Was part of the human resources team that was responsible for expanding and opening new offices in the Chicago area during that period.
- Served as a head hunter for First Investors.
- Was responsible for pre-screening candidates before they were interviewed by the vice-president of the company for a final round before being accepted.
- Achieved a 100% increase in recruitment for the Lombard, IL office, which I was primarily responsible for.
- Reduced turn over in the office by approximately 25%.

Guest Lectures / Invited Talks:

March 15, 2017

Invited by Venturewell to participate in a “Strategic Doing” session and share experiences from a prior research grant I had

Location: **Online Webinar**

March 23-24, 2017

Invited by KCT University to teach a 1 credit class on innovation and entrepreneurship. Taught the class as a 2-Day session at the KCT campus in India and was attended by 35 students.

Location: **Coimbatore, India**

August 10-11, 2017

Invited by the Asst. Vice Chancellor for Research of the CSU System, Dr. Ganesh Raman, to be a speaker at the CSU STEM Conference, where the focus was innovation and my talk was focused on the importance of creating an entrepreneurial mindset in STEM Education throughout the CSU system.

Location: **Los Angeles, CA**

September 13 & October 12, 2017

I was invited by Frank Stranzl in the Human Resources Dept to give a talk about applying Lean Principles for Managers at CSUN. This was a 2 session lecture series with managers from TUC, Cash Services and Admissions and Records present.

October 2017

Invited by Georg Jahn at The University Corporation (TUC) to give a brief presentation about my research to the TUC board

June 13-15, 2016

Invited by The Deshpande Foundation to give a talk on work being done at CSUN related to incorporating Innovation & Entrepreneurship into Engineering Education.

May 20-22, 2015

Invited by Conference chair of “International Seminar on Improving Business Processes,” to give a keynote speech at the conference hosted at Technische Hochschule Ingolstadt (THI), Germany.

Location: **Ingolstadt, Germany**

January 6-8, 2015

Invited by The Indo - US Collaboration for Engineering Education (IUCEE) to host a workshop on Innovation and Entrepreneurship for engineering faculty at Indian Universities;

Location: **Bangalore, India**

January 12-13, 2015

Based on my earlier visit to KCT University (who has a MoU signed with CSUN) in August 2014, I was invited to teach a 1 credit class on Innovation and Entrepreneurship to the Engineering students;

Location: **Coimbatore, India**

October 2014

Invited to be a panelist for “Makerpreneurs” at The Higher Education Maker Summit organized by The Chandler Innovation Center at Arizona State University;
Location: **Chandler, AZ**

October 2014

GLOSHO’14 (LACI CleanTech Global Showcase) – Invited to give a talk on Entrepreneurship initiatives being done at CSUN to enable CSUN become an innovation hub in the San Fernando Valley;
Location: **Los Angeles, CA**

August 2014

Under the MoU that is signed between CSUN and KCT University, I was invited to visit their campus to give a talk on innovation and entrepreneurship to the engineering students and faculty.
Location: **Coimbatore, India**

June 2014

Lecture on Risk Management of Global Sourcing Projects at The BITS 2nd Annual World Congress on Outsourcing Services;
Location: **Dalian, China.**

March 20, 2014

Delivered Lecture on Teaching to Inspire Innovation as part of the Faculty Development March Teaching Series

March 2014

Lecture on Incorporating Quality Management Principles into Entrepreneurship Education for Engineering Students at the 2014 Annual Inter Disciplinary Engineering Design Education Conference;
Location: **Santa Clara, CA**

November 2013

Lecture on Risk Management of Global Sourcing Projects for a Logistics Class for undergraduate students and also for a PhD seminar
University of North Texas,
Location: **Denton, TX.**

April 2012

Lecture on Global Sourcing and Globalization
Course: Management of Engineering and Technology
Stevens Institute of Technology,
Location: **Hoboken, NJ 07030**

February 2012

Engineering Economics Lectures
Stevens Institute of Technology,
Location: **Hoboken, NJ 07030**

October 2010

Dean’s Seminar
Risk and Risk Management: The Ultimate Cross Disciplinary Research Topic

Old Dominion University
Location: **Norfolk, VA.**

March 2010

Risk Management for PPP Projects
Finnish Defense Forces (FDF)
Location: **Helsinki, Finland**

April 1, 2009

Risk Management of Procurement Projects
Finnish Defense Forces (FDF)
Location: **Tampere, Finland.**

September 9, 2008:

Risk Management of Outsourcing/Partnering Projects
Finnish Defense Forces (FDF)
Location: **Helsinki, Finland.**

RESEARCH FUNDING OBTAINED

SUMMARY: Since I have been at CSUN, the total amount of External funding obtained is \$638,413. Additionally, I have obtained Internal funding from CSUN in the additional amount of \$8,000 – thus making the total amount of funding obtained = \$ 646,413/-

- Source of Funding: **California Department of Education, California Career Pathways Trust Grant:** As part of the CCPT project from July 2014 through June 2018, additional funding in the amount of \$36,000 was obtained to work with industry partners to develop curriculum that is vetted by industry for all 4 pathways being worked on as part of this grant. Amount granted: **\$36,000**
- Source of Funding: **Kern Entrepreneurial Engineering Network (KEEN):** This funding was provided to attend the KEEN Innovative Teaching Workshop and to work on developing curriculum in Entrepreneurship. This curriculum development grant helps with retention of students and also better pedagogy to develop entrepreneurial minded learning. Amount granted: **\$3,250**
- Source of Funding: **Judge Julian Beck Grant, California State University, Northridge:** The funding received was in the amount of \$3,000 that enabled me to focus on ways to improve my teaching pedagogy and be more effective in the classroom. Considering CSUN's focus on student success, I consider this to be a high impact grant. Amount Granted: **\$ 3,000**
- Source of Funding: **Faculty Development Office at California State University, Northridge:** In December 2017, I received funding to attend the Lilly Teaching Conference in Anaheim from Feb 22-25, 2018. Amount Granted: **\$500/-**
- Source of Funding: **McGraw-Hill Education:** This was a contract for a publishing agreement that CSUN received for the preparation and editing of the 6th edition of the Industrial Engineering Handbook. Amount Granted -- **\$10,000/-**

- Source of Funding: **VentureWell**; This grant, on which I was the Principal Investigator, included CSUN being selected to be part of a cohort of 50 schools involved in activities related to promoting innovation and entrepreneurship on their campus. This grant supported the implementation of innovation and entrepreneurship in the engineering education curriculum but also helped provide invaluable resources to CSUN in the form of a community doing similar work that I could reach out to which has greatly helped me implement my goal of creating an entrepreneurial mindset in our students. Amount Granted -- **\$5,000/-**
- Source of Funding: **I-Corps Micro grant, NSF**; This included working on innovative projects and implementation of a business model canvas to understand customer needs by actually going out and talking to customers. This was not only a research project but also tied in directly with the class I teach on innovation and entrepreneurship in which I implemented a new topic of the Business Model Canvas (BMC) and thus helped me use my research into my teaching as well. Amount granted -- **\$2,500/-**
- Source of Funding: **California Department of Education, California Career Pathways Trust Grant**; CSUN was part of a \$6 Million grant which was provided to several stakeholders such as The Glendale and Burbank School Districts as well as The Glendale Community College. The funding was provided for a period of 3 years to create skills based pathways from high school to the 4-year university level – Amount Granted -- **\$577,000/-** -- *work continued for Year 3 of this grant included graduating the 2nd cohort of students for the innovation and entrepreneurship pathway that I developed at CSUN.*
- **ABET Proposal Accepted for Presentation at 2017 Annual ABET Symposium in Baltimore in April 2017.** Title: “Innovation & Entrepreneurship – Working towards achieving multiple outcomes and student success.”
- Source of Funding: **American Society of Engineering Management**; The ASEM has granted me \$4000 to work on updating the Engineering Management Handbook – Amount Granted -- **\$4000/- in June 2015**
- **Source of Funding: Office of Community Engagement at CSUN**; Funding provided to develop a new service learning class and partner with a local nonprofit organization for value creation and experiential learning – **Amount funded: \$ 5000/- in Fall 2015**
- **Source of Funding: Venturewell (NSF)**; Funding provided to a team of faculty from CSUN for which I was the PI and the team lead. The funding was to enable CSUN to be part of a larger group of 50 schools that have been selected based on the work they are currently doing and have the potential to do in the near future, in the area of innovation and entrepreneurship. **Amount funded: \$ 4900/- in Fall 2015/Spring 2016**
- **Source of Funding: Finnish Defense Forces**; Funding Provided to analyze partnering risks and the external factors affecting these risks – Amount Granted -- **\$ 6,500/-**

OTHER FUNDING OBTAINED

- As conference chair **obtained funding in the amount of \$ 5000 for the 3rd Annual Art of Innovation Conference** hosted at CSUN on October 30, 2015
- Support funds for Art of Innovation Conference hosted in June 2014 from The Associate VP of The Office of Sponsored Projects and Research -- **\$2,500/-**

- Awarded **China Institute Faculty Development Grant** for The Academic Year 2014-2015 in the amount of \$1000
- Awarded **Faculty Development Funds** to attend teaching conference for The Academic Year 2014-2015 in the amount of \$350

RESEARCH FUNDING APPLIED FOR / PROPOSALS SUBMITTED:

- Proposal Title: “Fostering an awareness of STEM fields and careers in Middle School Students to extend STEM Pipelines,” Submitted to National Science Foundation, ITEST program – Submitted September 2017; Amount Requested: \$1,154,211
- Proposal Title: “Design and Development of Assistive Technology products for people with special needs,” Submitted to United States – India Science and Technology Endowment Fund – Submitted July 2017, Amount Requested: \$56,369
- Proposal Title: “Generating New Ideas based on societal needs,” Submitted to: Kern Entrepreneurial Engineering Network – Submitted March 2017, Amount Requested: \$3,000
- Proposal Title: “Developing Customer Awareness and quickly testing concepts through customer engagement,” Submitted to: Kern Entrepreneurial Engineering Network – Submitted March 2017, Amount Requested: \$3,000
- Proposal Title: “A University-wide innovative approach to senior design capstone projects by integrating engineering, business, sustainability and art students to create a better learning experience, Submitted to: National Science Foundation, Improvement of Undergraduate STEM Education (IUSE) Program – Submitted January 2018, Amount Requested: \$273,108
- Proposal Title: “Develop a Human Centered Innovative Mindset,” Submitted to Venturewell – Submitted November 2017, Amount Requested: \$30,000
- Proposal Title: “Sustainability in The Global Supply Chain,” Submitted to Instructional Related Activities (IRA) Program at CSUN, Amount Requested: \$19,200
- Proposal Title, “Realizing the Potential of 3D Metal Printing through Innovations in Design,” ---- submitted to the 2016 Toyota Material Handling North America (TMHNA) for research on the effects of 3D printing on the global supply chain. This was done in partnership with San Diego State University. Amount Requested: \$53,137/- Submitted September 2016.
- Proposal Title: “Center for Training and Mentoring to Support the Tech Hire Initiative,” ---- submitted to U.S. Department of Labor, Employment and Training Administration; I was a Co-PI on this proposal and the goal was to train at risk youth to enhance their job skills and ultimately place them in better jobs. Amount Requested: \$3,999,995/-
- Proposal Title, “Incorporating Industry Professionals into Bridging the Gap and creating an Entrepreneurial Mindset for Engineering Management Students,” – Campus Quality Fee (CQF) Proposal Submitted to CSUN. Amount Requested: \$ 55,220/-
- Proposal submitted to Venturewell for attending 2017 OPEN Conference. Amount Requested: \$2500/-
- Re-Applied to The National Science Foundation (NSF). This proposal has been submitted to The Engineering Education Unit as a collaborative proposal between CSUN and Texas Tech University. The aim of the proposal is to Study the dynamics of Partially Distributed Teams and understand their effects on learning. Amount Requested: \$147,979/- Submitted: October 25, 2015
- Applied to the second round of funding for the California Career Pathways Trust (CCPT) given by the CA Department of Education. The aim of the proposal was to create pathways for students from high school to 4 year degree colleges in fields that will be experiencing high growth rate in the state of California. Amount Requested for total proposal: \$7.739 Million for the entire consortium of which CSUN was a part. The amount requested for CSUN alone was \$2.861 Million. Submitted: February 6, 2015

- Applied to The National Collegiate of Inventors and Innovators Alliance (NCIIA) for funding to incorporate an Innovative Capstone Experience to produce 21st century Entrepreneurs. The aim of the proposal was to revamp completely the culminating experience in The Engineering Management graduate program by grouping together students based on their skill set to form skill-diverse, cross functional Entrepreneurial Teams. Amount Requested: \$45,000/-. Submitted: May 9, 2014
- Applied to The National Science Foundation (NSF). This proposal has been submitted to The Engineering Education Unit as a collaborative proposal between CSUN and Texas Tech University. The aim of the proposal is to Study the dynamics of Partially Distributed Teams and understand their effects on learning. Amount Requested: \$148,150/- Submitted: September 18, 2014
- Applied to The Blackstone Foundation for a grant to promote entrepreneurship through education. The end goal of the grant is to be able to revamp the existing curriculum in entrepreneurship by including educational topics that would give students a competitive advantage over others by having a thorough understanding of what it takes to be successful entrepreneur in the 21st century. Amount Requested: \$56,191/-. Submitted: October 4, 2013
- Applied to The National Science Foundation (NSF). This proposal has been submitted to The Engineering Education Unit as a collaborative proposal between CSUN and Texas Tech University. The aim of the proposal is to Understand Partially Distributed Team Dynamics and their effects on learning. Amount Requested: \$123,050/- Submitted: September 19, 2013
- Re-submitted proposal to *National Collegiate Inventors and Innovators Alliance (NCIIA)* based on feedback received from previous proposal submitted in November 2012. The College of Engineering and Computer Science (CECS) established entrepreneurship collaborations with The Valley Economic Alliance and then the proposal was resubmitted to the NCIIA in May 2013.
- Applied to *National Collegiate Inventors and Innovators Alliance (NCIIA)* for a grant to redevelop courses in Total Quality Management and Systems Engineering with a focus on entrepreneurship. Implementation of these re-designed courses would enable California State University, Northridge to produce better entrepreneurs who can meet the needs of the 21st century. Amount Requested: \$15,800/- Submitted: November 2012 – Not Funded

SELECTED PUBLICATIONS

Publications in Refereed Journals & Peer Reviewed Conference Proceedings

SUMMARY: Since I have been at CSUN (Since 2012), I have published 5 Peer Reviewed Journal Papers, 30 Peer Reviewed Conference Papers, 6 Book Chapters and have edited 2 books.

Published/Accepted Refereed Journals

Robb, Colleen, **S. Jimmy Gandhi**, “Social Entrepreneurial Ventures: On the Edge of Chaos?” Entrepreneurship Research Journal, 2016, Volume 6, Issue 1.

Gandhi, S. Jimmy, Alex Gorod, Gunter Hofbuaer, Vernon Ireland, Brian Sauser, Brian E. White, “A Systemic Risk Management Framework for System of Systems (SoS),” European Research and Working Publications, Published September 2015; ISBN: 978-3-944072-45-6

Jenab, Kouroush, **Gandhi, Shereazad Jimmy**, Sarfaraz, Ahmad, Singh, Mandeep, "Selection of Knowledge Management Tools using integrated AHP-QFD Model," International Journal of Management and Decision Making, Volume 12, Issue 4, 2013.

Gandhi, S. Jimmy, Gorod, Alex, Sauser, Brian, "Prioritization of Outsourcing Risks from a Systemic Perspective" Strategic Outsourcing – An International Journal, 2012, Volume 5, Issue 1, Pg 39-71

Joshi, Rohit, D.K. Banwet, Ravi Shankar, **Gandhi, Shereazad Jimmy**, "Performance improvement of cold chain in an emerging economy," Production Planning and Control, The Management of Operations; Taylor & Francis, 2012, Volume 1, Issue 20.

Gandhi, S. Jimmy, Gorod, Alex, Sauser, Brian, "Characterizing the effects of Outsourcing on the Flexibility Dynamic of System of Systems," Global Journal of Flexible Systems Management, Vol 10, Issue 1, January – March 2009.

Gorod, Alex, **Gandhi, S. Jimmy**, Sauser, Brian, "Flexibility of System of Systems," Global Journal of Flexible Systems Management, Vol 9, Issue 4, October – December 2008.

S. Jimmy Gandhi, Sauser, Brian "Knowledge Networks: How Independence and Subject Matter Experts can influence Project Reviews," Engineering Management Journal, Vol 20, Issue 1, March 2008.

Published/Accepted Peer Reviewed Conference Papers

Raissa Zylbergeld, **S. Jimmy Gandhi**, "Are we doing the right thing for Industrial Engineering Students? – a work in progress," International Joint Conference - ICIEOM-ADINGOR-IISE-AIM-ASEM (IJC 2017), Valencia, Spain, July 6-7, 2017

Taghizadeh, Sepideh, **Gandhi, S. Jimmy**, "A Comparison of the Environmental Impact of Sustainability between American, European and Japanese Automotive Companies" 38th American Society of Engineering Management Annual Conference, Huntsville, AL, October 18-21, 2017.

Kumar, Ankur, **Gandhi, S. Jimmy**, "Technological Advancements Changing the Traditional Applications of Operations Management," 38th American Society of Engineering Management Annual Conference, Huntsville, AL, October 18-21, 2017.

Gandhi, S. Jimmy, Taghizadeh, Sepideh, "A comparison of Environmental And Social Aspects of Corporate Social Responsibility in US and European Automotive Industry based on GRI," 37th American Society of Engineering Management Annual Conference, Charlotte, NC, October 26-29, 2016.

Gandhi, S. Jimmy, Jattke, Andreas, Sarfaraz, Ahmed, "An Innovative Approach to Offering a Global Supply Chain Class for Engineering Managers in an International Context," 123rd Annual American Society of Engineering Education Conference, New Orleans, LA, June 26-29, 2016.

Tabibzadeh Maryam, **Gandhi, S. Jimmy**, "A Comprehensive Analysis of Current and Future Offerings of Risk Management Topics in the Engineering Management Curriculum," 123rd Annual American Society of Engineering Education Conference, New Orleans, LA, June 26-29, 2016.

Gandhi, S. Jimmy, Nandikolla, Vidya, Youssef, George, Bishay, Peter, “*Using Career Pathways to Assimilate High School Students into Engineering Education*,” 123rd Annual American Society of Engineering Education Conference, New Orleans, LA, June 26-29, 2016.

Gandhi, S. Jimmy, Taghizadeh, Sepideh, Cross, Jennifer, Beruvides Mario, “*A Comprehensive Review of Entrepreneurship Course Offerings in Engineering Programs*,” 123rd Annual American Society of Engineering Education Conference, New Orleans, LA, June 26-29, 2016.

Robb, Colleen, **Gandhi, S. Jimmy**, “*Evaluating Innovation Practices and Entrepreneurial Competencies in Multiple Countries*,” United States Association for Small Business and Entrepreneurship Annual 2016 Conference, San Diego, CA, January 10-12, 2016

Gandhi, S. Jimmy, Robb, Colleen, Hope, Tom, Jattke, Andreas, Hecht, Dirk, Hofbauer, Gunter, Vijayraghavan, Vineet, “*Development of Tools to Evaluate Innovation Practices and Entrepreneurship in an International Context*,” 36th American Society of Engineering Management Annual Conference, Indianapolis, IN, October 2015.

Gandhi, S. Jimmy, Maalouf, Sami, “*The effects of implementation of Service Learning into Engineering Management & Construction Management Courses*,” 36th American Society of Engineering Management Annual Conference, Indianapolis, IN, October 2015.

Khamooshi, Sadegh, **Gandhi, S. Jimmy**, “*Implementation of Lean Practices in the Loan Signing Process in California*,” 36th American Society of Engineering Management Annual Conference, Indianapolis, IN, October 2015.

Li, Bingbing, **S. Jimmy Gandhi**, Li Ding, “*Curriculum design for sustainability of global integrated macro-nano manufacturing*,” 122nd American Society of Engineering Education Annual Conference & Exposition, Seattle, WA, June 15-18, 2015

Gandhi, S. Jimmy, Farris, Jennifer, Beruvides, Mario, “*The Development Process towards achieving a Framework for Incorporating Virtual Teams into Projects in Engineering Courses*,” 122nd American Society of Engineering Education Annual Conference & Exposition, Seattle, WA, June 15-18, 2015

Gandhi, S. Jimmy, Michael Wilson, Dirk Hecht, Gunter Hofbauer, Tom Hope, Ramalatha Marimuthu, Akin Olufowoshe, “*Innovation and Entrepreneurship in Global Markets – An Initial Identification of The Divide that can exist between countries*,” 35th American Society of Engineering Management Annual Conference, Virginia Beach, VA, October 17-20, 2014.

Wilson, Michael, Eric Holloway, Monica Cox, Molly Goldstein, **S. Jimmy Gandhi**, “*Entrepreneurship Education: Engineering a Pracademic Approach*,” American Society of Engineering Education North Midwest Section Conference, Iowa City, IA, October 16-17, 2014

Gandhi, S. Jimmy, Ahmad Sarfaraz, Sina Talebian, “*An Implementation of Continuous Improvement of The Engineering Management Program at California State University, Northridge*,” 121st American Society of Engineering Education Annual Conference & Exposition, Indianapolis, IN, June 15-18, 2014

Gandhi, S. Jimmy, Dale Deardorff, “*An Implementation of Innovative Thinking in the Entrepreneurship Curriculum for Engineers*,” 121st American Society of Engineering Education Annual Conference & Exposition, Indianapolis, IN, June 15-18, 2014

Deghani, Pouya, Leone Young, **S. Jimmy Gandhi**, John Farr, “*An Evaluation of Curriculums of Graduate Engineering Management Programs*,” 34th American Society of Engineering Management Annual Conference, Minneapolis, MN, October 2 – 5, 2013

Welbourne, Tara, Jennifer Farris, **S. Jimmy Gandhi**, “*A Preliminary Investigation of the impact of the Degree of Virtuality on Engineering Student Team Performance*,” 34th American Society of Engineering Management Annual Conference, Minneapolis, MN, October 2 – 5, 2013

Olufowoshe, Akin, **S. Jimmy Gandhi**, “*Global Manufacturing and Sustainable Development – Challenges and Opportunities*,” 34th American Society of Engineering Management Annual Conference, Minneapolis, MN, October 2 – 5, 2013

Kabirian, Alireza, Mark Rajai, Ileana Costea, Ahmad Sarfaraz, **S. Jimmy Gandhi**, “*Modifications to The Engineering Management Program at California State University, Northridge*,” 120th American Society of Engineering Education Annual Conference & Exposition, Atlanta, GA, June 23-26, 2013

White, Brian, **S. Jimmy Gandhi**, “*A Case for Online College Education*,” 120th American Society of Engineering Education Annual Conference & Exposition, Atlanta, GA, June 23-26, 2013

Bayatyan, Liana, **S. Jimmy Gandhi**, “*An Understanding of Psychology to enhance Organizational Strength*,” 120th American Society of Engineering Education Annual Conference & Exposition, Atlanta, GA, June 23-26, 2013

Gandhi, S. Jimmy, Mark Rajai, “*An Innovative Approach to Educating Engineers in Entrepreneurship*,” American Society of Engineering Education; Pacific Southwest Section Conference, University of California, Riverside, April 18-20, 2013

Bellows, William, **S. Jimmy Gandhi**, “*An Application of In-Thinking to University Industry Collaborations*,” Interdisciplinary Engineering Design Education Conference 2013, Santa Clara, CA, March 4-5, 2013.

Olufowosche, Akin, **S. Jimmy Gandhi**, “*Transnational Corporations and Globalization Models - A comparative analysis*,” 33rd American Society of Engineering Management Annual Conference, Virginia Beach, VA, October 17-20, 2012.

Gandhi, S. Jimmy, Olufowosche, Akin “*Global Expansion and Transnational Corporations – A Risk Analysis Perspective*,” 33rd American Society of Engineering Management Annual Conference, Virginia Beach, VA, October 17-20, 2012.

Gandhi, S. Jimmy, Santiago, Perez, Danial, Rushton, Robert Cloutier, Ipek Bozkurt, Ariel Pinto, “*A Model for Incorporating Environmental Sustainability into Enterprise Management*,” 33rd American Society of Engineering Management Annual Conference, Virginia Beach, VA, October 17-20, 2012.

Gandhi, S. Jimmy, Alex Gorod, “*Importance of understanding Systemic Risk in Engineering Management Education*,” 119th American Society of Engineering Education Annual Conference & Exposition, San Antonio, TX, June 10-13, 2012.

Gorod, Alex, **S. Jimmy Gandhi**, Brian White, Brian Sauser, Vernon Ireland, “*Application of Case Studies to Engineering Education*,” 119th American Society of Engineering Education Annual Conference & Exposition, San Antonio, TX, June 10-13, 2012.

Gandhi, S. Jimmy, Micheal McShane, “*Understanding Globalization for the 21st Century Engineer*,” ASEE Mid Atlantic Conference, Temple University, Philadelphia, PA, October 28-29, 2011.

Gandhi, S. Jimmy, Christine Bullen, “*Getting an education in Global Sourcing*”, 31st Annual American Society of Engineering Management (ASEM) Conference, Lubbock, TX, 19-22 October 2011.

Gandhi, S. Jimmy, Christine Bullen, Wanda Lopuch “*The 3S Scorecard – A Valuable Tool for Engineering Managers*,” 31st Annual American Society of Engineering Management (ASEM) Conference, Lubbock, TX, 19-22 October 2011.

Gandhi, S. Jimmy, Alex Gorod, Brian Sauser, “*A Case Study: The New York City Yellow Cab System of Systems*,” 6th International Conference on Systems of Systems Engineering (SoSE), Albuquerque, NM, 27-30 June, 2011.

Gandhi, S. Jimmy, Alex Gorod, Brian Sauser, “*A systemic approach to managing risks of SoS*,” IEEE International Systems Conference, Montreal, Canada, April 4-7, 2011. (Honorable Mention for this paper at the conference for innovative research topic)

Gandhi, Shereazad Jimmy, Christine Bullen, “*The increasing importance of education in global sourcing?*” 8th AIMS International Conference on Management, Ahmadabad, India, January 1-4, 2011.

Gandhi, Shereazad Jimmy, Geert Letens, “*A comparative study of the procurement risks at the Finnish Defense Forces versus The Belgian Defense Department*,” 30th Annual American Society of Engineering Management (ASEM) conference, NW Arkansas, October 2010.

Gandhi, Shereazad Jimmy, C. Ariel Pinto, “*An Evaluation of Risk Management Courses Offered in Engineering Management Programs Across the United States*,” 30th Annual American Society of Engineering Management (ASEM) conference, NW Arkansas, October 2010

Gandhi, Shereazad Jimmy, Schultz, John, “*Analyzing risks associated with large scale partnering projects in the Finnish Defense Forces*,” 30th Annual American Society of Engineering Management Conference,” October 14-17, 2009.

Gandhi, Shereazad Jimmy, Gorod, Alex, “*Systemic Risk of Outsourcing*,” 30th Annual American Society of Engineering Management Conference,” October 14-17, 2009.

Gandhi, Shereazad Jimmy, Merino, Donald, “*Importance of Intellectual Property (IP) education for undergraduate engineering students from the perspective of IP lawyers*,” 30th Annual American Society of Engineering Management Conference,” October 14-17, 2009.

Mansouri, Mo, Gorod, A, Sauser, B, **Gandhi S.J**, “*A systemic approach to adopting effective management styles based on typology of systems*,” 30th Annual American Society of Engineering Management Conference,” October 14-17, 2009.

Gandhi, Shereazad Jimmy, Merino, Donald, “*The Necessity of educating Undergraduate Engineering Students in the development of Intellectual Property*,” Twenty Ninth Annual American Society of Engineering Management Conference, West Point, NY, November 12-15, 2008

Anirban Ganguly, **Gandhi, Shereazad Jimmy** “*Ranking of outsourcing risks using AHP*”, Twenty Ninth American Society of Engineering Management National Conference, West Point, NY, November 12 – 15, 2008

Gandhi, Shereazad Jimmy, Merino, Donald, “*Evaluation of Intellectual Property Course Offerings for undergraduate engineering students in the Mid Atlantic Region*,” American Society of Engineering Education (ASEE) Mid Atlantic Conference, Hoboken, NJ, October 2008

Gandhi, Shereazad Jimmy, Alex Gorod, et al, “*Effects of Outsourcing on System of Systems*”, Eighth Global Conference on Flexible Systems Management, Hoboken, NJ (June 2008)

Gandhi, Shereazad Jimmy, Eschbacher, Gregory, “*Identifying and Ranking of Outsourcing Risks*,” Sixth Annual Conference on Systems Engineering Research (CSER), Los Angeles, CA, April 2008

Merino, Donald, **Gandhi, Shereazad Jimmy**, “*Review and evaluation of efforts to establish an Engineering Management Body of Knowledge (EMBoK)*,” 115th ASEE Annual Conference & Exposition, Pittsburgh, PA, June 2008.

Gandhi, Shereazad Jimmy, Eschbacher, Gregory, “*Risks of Outsourcing Complex Systems – A growing phenomenon*,” Twenty Eighth Annual American Society of Engineering Management Conference, Chattanooga, TN, November, 2007.

Eschbacher, Gregory, **Gandhi, Shereazad Jimmy**, “*A CMMI Managed Approach for Systems Engineering*,” Fifth Annual Conference on Systems Engineering Research, Hoboken, NJ 07030, March 2007.

Gandhi, Shereazad Jimmy, Sauser, Brian, et al, “*Identifying Heuristic Knowledge of Project Reviews from Alternative Choices*,” Twenty Seventh Annual American Society of Engineering Management Conference, Huntsville, AL, October, 2006.

Other Publications Already Published:

BOOK PUBLISHED:

American Society of Engineering Management (ASEM) Handbook, 2nd Edition, Editors: John Farr, **S. Jimmy Gandhi**, Donald, Merino; Published October 2016, ISBN: 978-0-9975195-0-1

Gorod, Alex, Brian White, Vernon Ireland, **S. Jimmy Gandhi**, Brian Sauser, “*Case Studies in System of Systems, Enterprises and Complex Systems Engineering*,” CRC Press, Taylor & Francis, Boca Raton, FL, Published July 2014, ISBN: 978-1-4665-0239-0

American Society of Engineering Management (ASEM) Handbook project – Associate Editor: **Gandhi, S. Jimmy**; Book Published January 2011, ISBN: 978-0-9831005-0-8

Editors: Merino, Donald, **Gandhi, S. Jimmy**; PRIMIS textbook titled “Entrepreneurship” -- designed specifically for course on Entrepreneurial Analysis of Engineering Design, for which I was the head teaching assistant and am now teaching as an adjunct faculty at Stevens. ISBN: 0-390-86136-7

BOOK CHAPTERS PUBLISHED:

Gandhi, S. Jimmy, Sharma, Nakul – Book Chapter titled “Innovation and Entrepreneurship,” in The American Society of Engineering Management (ASEM) Handbook, 2nd Edition, Published October 2016, ISBN: 978-0-9975195-0-1

Gandhi, S. Jimmy, Fajardo, Marina Lemos – Book Chapter titled “Supply Chain Management for Engineering Managers,” in The American Society of Engineering Management (ASEM) Handbook, 2nd Edition, Published October 2016, ISBN: 978-0-9975195-0-1

Gorod, Alex, **Gandhi, S. Jimmy**, White, Brian, Ireland, Vernon, Sauser, Brian, “Modern History of System of Systems, Enterprises and Complex Systems,” in the Book titled “Case Studies in System of Systems, Enterprise Systems and Complex Systems Engineering, ISBN: 978-1-4665-0239-0, Published 2015, by CRC Press.

Ireland, Vernon, White, Brian, **Gandhi, S. Jimmy**, Sauser, Brian, Gorod, Alex, “Relevant Aspects of Complex Systems from Complexity Theory,” in the Book titled “Case Studies in System of Systems, Enterprise Systems and Complex Systems Engineering, ISBN: 978-1-4665-0239-0, Published 2015, by CRC Press.

White, Brian, Sauser, Brian, Gorod, Alex, **Gandhi, S. Jimmy**, Ireland, Vernon, “Application of Case Studies to Engineering Leadership/Management and Systems Engineering Education,” in the Book titled “Case Studies in System of Systems, Enterprise Systems and Complex Systems Engineering, ISBN: 978-1-4665-0239-0, Published 2015, by CRC Press.

Gandhi, S. Jimmy, Alex Gorod, Brian Sauser, Book Chapter titled, “Towards Understanding the Effects of Outsourcing on the Flexibility Dynamic of System of Systems,” in the book titled, “The Flexible Enterprise”, ISBN: 978-81-322-1560-8, Published: 2014

ENTREPRENEURSHIP COURSE WORKBOOKS PUBLISHED:

Merino, Donald, **Gandhi, Shereazad Jimmy**, *Entrepreneurial Analysis of Engineering Design (TG421) SEED Workbook (5th edition)*, Tech Repro Publications, August 2009, ISBN: 978-0-9821912-2-4

Merino, Donald, **Gandhi, Shereazad Jimmy**, *Entrepreneurial Analysis of Engineering Design (TG421) Contractor & Consulting Workbook (5th edition)*, Tech Repro Publications, August 2009, ISBN: 978-0-9821912-4-8

Merino, Donald, **Gandhi, Shereazad Jimmy**, *Entrepreneurial Analysis of Engineering Design (TG421) Chemical Engineering Workbook (5th edition)*, Tech Repro Publications, August 2009, ISBN: 978-0-9821912-3-1

Working Papers and Other Publications in progress (including books)

PAPERS in progress:

Gandhi, S. Jimmy, Robb, Colleen, Lee, Ana, “The Entrepreneurial Intrapreneur: A Managerial Approach to Building Entrepreneurial Competencies,” Journal Submitted to: International Journal of Entrepreneurship and Innovation Management, Submitted November 2017.

Sarfaraz, Ahmad, Pourmohammadi, Hamid, Sadighi, Mahsa, **Gandhi, S. Jimmy**, “A Combined AHP-GP model for Selecting Sustainable Energy Resources,” Journal Submitted to: International Journal of Production Research, Submitted January 2018

Gandhi, S. Jimmy, Dale Deardorff, “*Incorporating an Entrepreneurial Innovation Value Stream into Engineering Management curriculum*,” Targeted Journal: International Journal of Innovation in Education, Expected Date of Submission: End of Summer 2018

SERVICE – CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN)

Committees I served on at CSUN (Jan 2017 through Dec 2017):

- (i) CSUN Innovates Advisory Committee (University Level) – continued appointment
- (ii) Innovation and Economic Prosperity (IEP) Report Committee (University Level) – continued appointment
- (iii) Community Engagement Advisory Board (University Level) – continued appointment
- (iv) New Faculty Orientation Committee (University Level) – continued appointment
- (v) Faculty Senator (University Level) – continued appointment
- (vi) New Student Orientation (University Level) – continued appointment through the NFO committee
- (vii) Facilities and Administration Task Force Committee (University Level) – appointed in Fall 2017
- (viii) Represented CSUN at CSU STEM Conference (University Level) – invited in Summer 2017
- (ix) Lean Manufacturing Projects conducted for various CSUN departments, including Admissions and Records, through my lean manufacturing class (University Level) – conducted in Fall 2017
- (x) Advisory Committee for Search for Interim Dean for the College of Engineering and Computer Science (College Level): Appointed by the Provost in Fall 2017
- (xi) Living and Learning Community (LLC) Committee (College Level) – continued appointment
- (xii) Undergraduate Studies Committee (Department Level) – continued appointment
- (xiii) ABET Assessment Coordinator – (Department Level) – continued appointment and also responsible for writing the yearly assessment report that is submitted by my department to CSUN’s assessment office.
- (xiv) Outreach / Recruitment Committee (Department Level) – appointed effective December 2016
- (xv) Search Committee Member for MSE Faculty Position for 2017-18 Academic Year (Department Level)
- (xvi) Search Committee Member for Administrative Support Assistant Position in MSEM Department (Department Level)

Other Services I have provided to CSUN from Jan 1, 2017 through December 31, 2017

- (i) Academic Lead for M.S. Engineering Management Program offered through Tseng College
- (ii) Advisor for MSE 499 – advised an undergraduate student (even though I am not officially listed as the instructor for that class) for an independent research study as the topics selected by the student were aligned with my research interests.

Committees I served on at CSUN (Jan 2016 through Dec 2016):

- (i) CSUN Innovates Advisory Committee (University Level) – continued appointment
- (ii) Innovation and Economic Prosperity (IEP) Report Committee (University Level) – continued appointment
- (iii) Community Engagement Advisory Board (University Level) – continued appointment
- (iv) New Faculty Orientation Committee (University Level) – continued appointment
- (v) Faculty Senator (University Level) – reappointed effective Fall 2016
- (vi) Graduation and Retention Specialists Hiring Search Committee (University Level) – appointed Sept 2016
- (vii) New Student Orientation (University Level) – continued appointment through the NFO committee
- (viii) Living and Learning Community (LLC) Committee (College Level) – continued appointment
- (xi) Undergraduate Studies Committee (Department Level) – continued appointment
- (x) ABET Assessment Coordinator – (Department Level) – continued appointment and also responsible for writing the self-study report for 2016 ABET Accreditation visit for B.S. Engineering Management Program
- (xi) Outreach / Recruitment Committee (Department Level) – appointed effective December 2016
- (xii) Search Committee Member for MSE Faculty Position for 2017-18 Academic Year (Department Level) – appointed September 2016.

Other Services I have provided to CSUN from Jan 1, 2016 through December 31, 2016

- (xiii) Chair for 4th Annual Art of Innovation Conference hosted on October 14, 2016
- (xiv) Academic Lead – M.S. Engineering Management Program offered through Tseng College.
- (xv) Advisor for MSE 697 (Culminating Experience for M.S. Engineering Management Program) – I have listed this as service because I am not listed as the official instructor for this class but am volunteering my time to advise students who wanted to work on a thesis / project option in my area of expertise. I advised 4 students in this role in the Fall 2016 semester.
- (xvi) Advised 2 students for their applications to the CA Pre-Doctoral Program offered through CSUN.
- (xvii) Conducted Entrepreneurship Workshop for Family and Consumer Sciences Department at CSUN for the class FCS 380. Delivered as a series of two 4 hour workshops.

Committees I served on at CSUN (Jan 2015 through Dec 2015):

- (i) Design Thinking Masters Degree Committee (University Level)
- (ii) CSUN Innovates Advisory Committee (University Level)
- (iii) Innovation and Economic Prosperity (IEP) Report Committee (University Level)
- (iv) Community Engagement Advisory Board (University Level)
- (v) New Faculty Orientation Committee (University Level)
- (vi) Faculty Senator (University Level)
- (vii) Becks Grant Committee (University Level)

- (viii) Academic Affairs Committee (College Level) – only in Spring 2015
- (ix) Living and Learning Community (LLC) Committee (College Level)
- (x) Undergraduate Studies Committee (Department Level)
- (xi) ABET Assessment Coordinator – (Department Level) Effective Fall 2015
- (xii) Chair for 3rd Annual Art of Innovation Conference hosted on October 30, 2015

Additional Involvement in CSUN Activities (Jan 2014 through December 2014):

- (i) TANMS Entrepreneurial Series Talks – Involved giving a series of lectures to students in the TANMS program at UCLA, UC Berkeley, Cornell University and CSUN
- (ii) Organized International Sourcing Seminar hosted from November 10-14, 2014 by The Ernie Schaffer Center for Innovation and Entrepreneurship and The Engineering Management Student Association (EMSA). This was a 5 day program including a series of talks and industry visits as well as joint industry projects between CSUN, University of Ingolstadt, Germany.
- (iii) Was part of CSUN delegation to Sacramento for Engineering Advocacy Day
- (iv) Was a moderator for Project Showcase – an annual event in The College of Engineering and Computer Science at CSUN

Committees I served on at CSUN (Effective Fall 2012 until December 2013):

- (i) Search and Screen Committee for New Faculty Position in The Manufacturing Systems Engineering & Management (MSEM) Department, starting in Fall 2013 – Search concluded in Spring 2013 semester.
- (ii) Research Fellows Program Selection Committee – Served in Fall 2012.
- (iii) Chair of Undergraduate Studies Committee – From Spring 2013 until present
- (iv) Living & Learning Community (LLC) Committee – From Fall 2012 until present
- (v) Program Chair for Art of Innovation Conference held at CSUN in June 2013.
- (vi) Committee of Academic Space Planning – Fall 2013 semester; Set up by Provost Hellenbrand
- (vii) Assessment Liaison for Manufacturing Systems Engineering & Management Department at the college level and the university level --- Effective Fall 2013.
- (viii) On the committee for The Energy Research Center at CSUN – Effective Fall 2013

SERVICE -- PROFESSIONAL

Division Chair, 7/2013 – 6/2014, American Society of Engineering Education (ASEE), Engineering Management Division (EMD)

Position Description: This position involves being responsible for the overall functioning of the Engineering Management Division and working with the ASEE Central office in Washington DC.

Program Chair, 2013 Conference: 7/2012 – 6/2013, American Society of Engineering Education (ASEE), Engineering Management Division (EMD).

Position Description: This position entails being in charge of all the abstract and paper submissions for the engineering management division and assigning them to reviewers. Once the reviewers have completed their reviews, it is my responsibility to look over the comments and send final feedback to the authors. This position also entails planning the sessions for the engineering management division at the 2013 Annual ASEE conference.

Treasurer: 7/2011 – 6/2012, American Society of Engineering Education (ASEE), Engineering Management Division (EMD).

Position Description: This position entails being in charge of all finances related to the ASEE Engineering Management Division. I am responsible for managing the finances associated with the awards ceremony hosted by the Engineering Management Division during the yearly annual ASEE conference and any other expenses that may be incurred by the EMD during the academic year.

Secretary & Newsletter Editor: 7/2010 – 6/2011, American Society of Engineering Education (ASEE), Engineering Management Division (EMD).

Position Description: Am in charge of arranging and conducting all meetings associated with ASEE, EM division. Also responsible for minutes of all meetings conducted for the engineering management division of ASEE, as well as designing and sending out the Fall and Spring newsletters of the ASEE Engineering Management Division.

ADDITIONAL SERVICE:

Paper Reviewer & Journal Editor:

Reviewer for:

- 6th International Conference on Systems of Systems Engineering (SoSE)
- 5th Annual Conference on Systems Engineering Research (CSER)
- Systems Research Forum Journal
- American Society of Engineering Management (ASEM) International Annual Conference – Reviewer Effective Fall 2013 to present
- American Society of Engineering Education (ASEE) Annual Conference – Reviewer Effective Fall 2013 to Present
- Reviewer and Board Member for European Research and Working Group Journal – Effective Spring 2017
- Track Co-Chair at 5th Annual IEEE SusTech Conference held in Phoenix, AZ from November 12-14, 2017
- Taught One Credit class on Entrepreneurship at KCT University in India; March 23-24, 2017
- Program Evaluator for The American Society of Engineering Management – conducted visit on November 13, 2017
- Serve on the Publication Board for The American Society of Engineering Management since Spring 2017
- Journal of Pre-College Engineering Education Research (J-PEER)
- Special Issue on Risk Management of Engineering Management Journal (EMJ)
- IEEE Systems Journal
- Strategic Outsourcing: An International Journal – Reviewer effective Fall 2015 to present
- Served on Technical Program Committee for System of Systems Engineering 2016 Conference held in Kongsberg, Norway from June 12-16, 2016.

Editor for:

- Special Issue on Green Economics of Engineering Management Journal (EMJ)
- Special Issue on System of Systems Case Studies of Systems Research Forum (SRF)
- Engineering Management Journal (EMJ) – continued appointment to present date

Position Description: Reviewed papers for the conferences as well as journals in my area of expertise and gave feedback to the authors as well as made decisions about whether the paper should

be accepted or not for publications. Also served as Editor on journals related to my research interests in Engineering Management.

Workshop Organization:

- Organized workshop on Entrepreneurship and Innovation at CSUN as part of Engineer's week in February 2013
- Organized workshop on Innovation and Entrepreneurship at CSUN as part of Engineer's week in February 2014. Also, involved with recruiting industry professionals to be part of Engineer's week at CSUN.

APPENDIX – MISCELLANEOUS INFORMATION

Other Conferences/Workshops/Seminars Attended for Professional Development

- Scholarship to attend 3D Printing Workshop, University of Texas, El Paso, TX, December 5-6, 2014
- White House Opportunity STEM Education Workshop held at CSUN, October 7, 2014
- ABET Fundamentals of Program Assessment Workshop – held in Chicago, IL, October 10, 2015
- Innovation Summit at Case Western Reserve University – held in Cleveland, OH, October 26-28, 2015
- EPICS Workshop – held at CSUN, September 24, 2015
- ABET 2016 Annual Symposium, Ft. Lauderdale, FL. April 14-15, 2016.

REFERENCES:

Available upon request