

D R . J E S U S A . C A R D E N A S

E D U C A T I O N

University of Texas at El Paso
El Paso, Texas Ph.D. granted in 2014
PHD IN INTERNATIONAL BUSINESS

University of Texas at El Paso
El Paso, Texas MS IE granted in 1998
MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING

Universidad Autonoma de Chihuahua
Cd. Juarez, Chihuahua MBA granted in 1987
MASTER IN BUSINESS ADMINISTRATION

University of Texas at El Paso
El Paso, Texas BSEE granted in 1983
BACHELOR IN SCIENCE OF ELECTRICAL ENGINEERING

P R O F E S S I O N A L E X P E R I E N C E

Epic Technologies
Cd. Juarez, Chihuahua January to Sept 2010
Quality Manager. Responsible for the Quality management systems of a Contract Manufacturing location employing around 600 people. Quality systems support for 7 focused projects. Customer and supplier communication driver. Management representative for ISO13485 registrations.

Plexus Electronics Assembly
Cd. Juarez, Chihuahua July 2003 to Sept 2009
Quality Director. Responsible for the Quality management systems of a Contract Manufacturing location employing over 1,000 people. Black Belt for the facility and driver of the Lean Sigma project. Quality systems support for 5 focused factories. Customer and supplier communication driver. Management representative for ISO9001:2000 and ISO13485 registrations. Regulatory compliance manager for the site registered under 21 CFR Part 820 FDA.

Harman Becker Automotive Systems
Cd. Juarez, Chihuahua March 2002 to July 2003
Quality Manager. Responsible for the Quality management systems for an automotive tier one supplier. Promoter of the socio-technical change for the overall systems. Leader for the continuous improvement effort, as well as the quality planning activities (ppap, pso). Customer and supplier communication driver and quality systems implementation responsibilities.

Siemens Electromechanical Components
Later Acquired by: Tyco Electronics

February 1999 to March 2002

Cd. Juarez, Chihuahua

NAFTA Quality Manager. Responsible for the Quality management systems for the GTR division consisting on 4 facilities: Marion, KY, Franklin, KY, Casas Grandes, Chih. and Juarez, Chih. Facilitator of the focused factories' team efforts as well as the divisional continuous improvement projects. Leader for the cost of nonconformance reduction and empowerment activities. Participant on the consolidation of all 4 plants GPR products in Juarez.

Scientific Atlanta de Mexico

November 1997 to February 1999

Cd. Juarez, Chihuahua

Quality Manager. Responsible for the development and maintenance of the Quality Management systems in the plant. Leader for the continuous improvement teams. Responsible for the deployment of advance manufacturing techniques throughout all departments. Responsible for the transfer of the service department into the facility.

Emerson Electric Co/ White Rodgers Div

July 1992 to November 1997

Termocontroles de Juarez; Juarez, Chih.

Quality Manager. Responsible for the Quality Management Systems for the ISO-9001 certified facilities. Leader of the Continuous Improvement Project. Chair of the Kaizen, Poka Yoke and Empowerment culturization Effort. Focus person for customer and headquarters' communication.
Accomplishments: 1996 Emerson President Quality Award for best plant and 1995 Emerson's Chairman Quality Award for best Division.

Chrysler Motors / Acustar Division

December 1987 to July 1992

Productos Electricos Diversificados; Juarez, Chih.

Quality Assurance Divisional Manager. Development and implementation of Quality Management Systems throughout the Chihuahua/Sonora Operations, consisting in 7 plants. Corporate contact for the Customer's auditors (SQA).
Coordinator of all departments' preparation activities for external audits.

General Electric Co.

July 1986 to December 1987

Productos de Control; Juarez, Chih.

Product Engineering Unit Manager. Leader of the local technical team involving all departments; Responsible of all information and product integrity of Power Supplies.

General Instrument

February 1984 to July 1986

Cd. Juarez, Chih.

Chief Production Engineer. In charge of all aspects of the power supplies' area to maintain the lines running to their optimum conditions.

T E A C H I N G E X P E R I E N C E

University of Texas at El Paso August 2010 to Now
El Paso, Texas

Instructor of Business Data Communications, Enterprise Resources Planning, Introduction to E-Commerce, Business Systems Analysis and Design, Business Intelligence, Management Information Systems, and Qualitative Business Methods.

Universidad Autónoma de Chihuahua August 1987 to Present
Cd. Juarez, Chihuahua

Instructor of New Business Development and Creation, Organizational Theory, Total Quality Management, Statistical Techniques, Continuous Improvement and Quality Audits

University of Phoenix - On line August 2008 to April 2010
Phoenix, Arizona

Facilitator of Strategic Planning

C E R T I F I C A T I O N S

University of Texas at El Paso
Certified College Instructor

American Society for Quality
Six Sigma Black Belt
Certified Quality Manager
Certified Quality Auditor
Certified Quality Engineer

Stat-A-Matrix Institute
Certified Lead Assessor

P U B L I S H E D P A P E R S

Journal of Cleaner Production February 2014
Elsevier

Cardenas, J.A., Gemoets, L., Ablanedo-Rosas, J.H., Sarfi, R., (2014) "A Literature Survey on Smart Grid Distribution: An Analytical Approach", *Journal of Cleaner Production*. Volume 65, 15 February 2014, Pages 202–216. Impact Factor 3.398; 5-years I.F. 3.587

C O N F E R E N C E P A P E R S & P R E S E N T A T I O N S

DSI 44th Annual Meeting November 16-19, 2013
Baltimore, MD

“Where is the action in Smart Grid Distribution? Word mining of published research. Jesus Cardenas; Leopoldo Gemoets; Jose Ablanado-Rosas

Knowledge Management Literature Trends: An ISI Web of Science and Google Scholar Research Jesus Cardenas; Udo Godwin

DSI 43rd Annual Meeting November 17-20, 2012
San Francisco, CA

A Model to Develop Smart Energy Infrastructure in Latin America Jesus Cardenas; Robert Sarfi; Leopoldo Gemoets

Just- in- Time Teaching Tools for Innovative Instruction: An Empirical Study. Fernando Parra; Laura Hall; Jesus Cardenas

18th Americas Conference on Information Systems August 9-11, 2012
Seattle, Washington

AMCIS-1306-2012.R1. The Economic Impact of Security Breaches on Publicly Traded Corporations: An Empirical Investigation. Jesus Cardenas; Adolfo Coronado; Aurelia Donald; Fernando Parra; M. Adam Mahmood

AMCIS-1100-2012.R1. ICT Diffusion at Developing Countries: The Role of Governance Types and Mechanisms Jesus Cardenas; Jesus Matus; Kallol Bagchi.

DSI 42nd Annual Meeting November 19-22, 2011
Boston, MA

A Taxonomy of Smart Grid Research to Date: Understanding Who is Creating the Worldwide Intellectual Capital Jesus Cardenas; Robert Sarfi; Leopoldo Gemoets

The First World Customer Service Congress October 29-31, 1997
Tyson Corners, Virginia

The Pyramid of Quality Improvement

Fifth World Congress on Total Quality February 9-11, 1995
New Delhi, India

Global Quality in Latinamerican Outsourcing Operations

Tenth International Conference of the Israel Society for Quality
Jerusalem, Israel

November 14-17, 1994

Global Quality

September 1-3, 1992

Southwest Regional Quality Conference - FEB
Albuquerque, NM

Toward Excellence: The Success of a Quality Culture

N O N - A C A D E M I C C O U R S E S

ISO13485 Standard

ISO14000 Standard

FDA Regulations

Coaching Models

Kepner-Tregoe Problem Solving

Creating Change

Hoshin Planning

Language Processing

Leadership Development

Lead Assessor Training

Quality Improvement Process

Performance Management

Design of Experiments

International Quality Rating System

Corsby's Executive Training

Statistical Process Control

Cross-cultural Management

Quality Function (QFD)

Foreman Modeling

Failure Mode and Effect Analysis

Quality Improvement

Statistical Problem Solving

Zenger Miller Supervision Course

HP 3061 & 3062 User Course