

HOSSEIN F. JAMSHIDI

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EDUCATION

Ph.D. Industrial and Systems Engineering

The University of Alabama in Huntsville, (December 1990)

Major :Operations Research

First Minor :Applied Statistics

Second Minor :Mathematics

Dissertation Title :“An Empirical Investigation of Integrating Lot-Sizing and Sequencing Rules For Similar Products”

M.S. Industrial Management

Clemson University, Clemson SC, (December 1986)

M.S. Industrial Engineering

North Carolina A&T State University, Greensboro NC (December 1984)

Thesis Title: “Maximum Flow Minimum Cut Set Algorithm With Node Potential”

B.S. Industrial Engineering

North Carolina State University, Raleigh NC, (December 1978)

EXPERIENCE

Academic

- *Full Professor:* Alabama A&M University, Business Administration Department. (Aug. 1990-Present) Teaching graduate (MBA) and undergraduate quantitative courses.
- *Chrysler (Acustar):* Teaching quantitative courses at Chrysler (MBA program), Huntsville AL. (Fall 91-95)
- *Part-Time Faculty:* The University of Alabama in Huntsville. Taught Graduate and Undergraduate courses in the School of Business.

Industry:

Crawford Sprinkler Company. Charlotte and Raleigh, NC (1979-1982). As a design engineer, I was responsible for design, inspection, and computation of flow in the sprinkler systems.

PUBLICATIONS

Referred Publications:

Hossein Jamshidi, “Forecasting Attendance in a Movie Theater Using Multiple Regression Analysis.” International Academy of Business Disciplines (IABD), 30th Annual Conference. Proceeding, Emeryville, CA. April 6 – 8, 2018.

Hossein Jamshidi, Larry McDaniel and Dana Harris, "An Empirical Application of Goal Programming and AHP in Real Estate Assessment", **Journal of Management Research**. Vol. 9, No. 3, July 2017.

Hossein Jamshidi, Larry McDaniel and Dana Harris, "Goal Programming: An Application to Real Estate Allocation Assessment", **The American Society of Business and Behavioral Sciences**. Proceeding, Las Vegas, NV. March 23-25, 2017.

Hossein Jamshidi and Ajeet Jain, "An Empirical Classification of ABC Inventory System with Critical Items and Exponential Smoothing Weights", **International Journal of Business and Public Administration (IJBPA)**. Volume 13 Number 1, 2016.

Hossein Jamshidi and Ajeet Jain, "An Empirical Classification of ABC Inventory System with Critical Items and Exponential Smoothing Weights", **International Academy of Business and Public Administration Disciplines (IABPAD)**. Proceeding, New Orleans, October 19 – 22, 2016.

Ajeet Jain and Hossein Jamshidi, "The Impact of Financial Crisis on the Housing Market in Alabama". **The International Journal of Business and Economic Perspective (IJBE)**. Volume 11, Number 1, spring 2016.

Hossein Jamshidi and Ajeet Jain, "An Empirical Assessment of Faculty Performance: By the Analytic Hierarchy Process (AHP)." **International Journal of Global Business and Economics (IJGBE)**. Vol. 5, no 1, 2013.

Hossein Jamshidi and Ajeet Jain, "An Empirical Assessment of Faculty Performance: By the Analytic Hierarchy Process (AHP)." **Global Business Development Institute (GBDI)**. Proceeding, Eighteen International Conference. Las Vegas, Nevada, March 24 – 27, 2013.

Hossein Jamshidi and Marsha Griffin. "Comparison of Wireless Service Providers by Analytic Hierarchy Process (AHP)." **International Academy of Business and Public Administration Disciplines (IABPAD)**. Vol. 4, no 4, Spring 2011.

Amir Mobasher, Paul Shiue, Hossein Jamshidi and Zhengtao Deng. "Modeling and Validation of Autonomous Rendezvous and Docking of Air Bearing Vehicles". **International Journal of Modern Engineering**. Fall/Winter 2010, vol. 11, no. 1 (45-51).

Hossein Jamshidi and Marsha Griffin. "Comparison of Wireless Service Providers by Analytic Hierarchy Process (AHP)." **International Academy of Business and Public Administration Disciplines (IABPAD)**. Proceeding, New Orleans, October 21-24, 2010.

Hossein Jamshidi, "Integration of Lean Manufacturing and Production Cycles With Economic Order Quantity (EOQ) Model." **Global Business Development Institute: Twelve GBDI International Conference**. Las Vegas, Nevada, March 21-24, 2010.

Hossein Jamshidi, "Lean Manufacturing and Formation of Production Cycles With the Wagner-Whitin Algorithm". **The Journal of Global Business Issues** (JGBI), Vol. 3, Issue. 1, Spring, 2009.

Hossein Jamshidi, Ajeet Jain. "MULTI-CRITERIA ABC INVENTORY CLASIFICATION: WITH EXPONENTIAL SMOOTHING WEIGHTS." **Journal of Global Business Issues** (JGBI), Vol. 2, Issue. 1, February 2008.

Hossein Jamshidi, Ajeet Jain. "ABC Inventory System in Perspective: Based on Ratio Analysis." **Society for Advancement of Management**: 2007 International Conference. Proceeding, Las Vegas, NV. March 25-28, 2007

Emeka Dunu and Hossein Jamshidi, "Managing the Quality of Services" **Ninth Annual Conference of the Society of Business, Industry, and Economics**, April 2007.

Hossein Jamshidi, Emeka Dunu, and Anantharaman Sekhar. "Lean Manufacturing and Formation of Production Cycles Through Group Technology Environment", **International Journal of Business and Public Administration Disciplines**. Vol. 3 No. 2, Fall 2006: (62-74)

Hossein Jamshidi, Emeka Dunu, and Anantharaman Sekhar. "Lean Manufacturing and Formation of Production Cycles Through Group Technology Environment", **International Academy of Business and Public Administration Disciplines (IABPAD)**. Proceeding, Dallas, Texas. April 23, 2006.

Hossein Jamshidi and Eric Rahimian, "An Empirical Analysis of Companies Which are ISO Certified," **Journal of Global Review of Business and Economic Research (GRBER)**. Vol.2, No. 1, 2006 : (51-57)

Anantharaman Sekhar, Robbani Mohammed, and Hossein Jamshidi, "Performance Motivation on the ETS Field Exam in Business – A HBCU Case Study," The ninth Annual meeting of **Emerging Issues in Business and Technology**, Proceeding, Myrtle Beach, SC. November, 2005

Anantharaman Sekhar, Robbani Mohammed, and Hossein Jamshidi, "Factors Affecting Student Performance on the ETS Major Field Test for Business: Lessons Learned in an HBCU", **Academy of Economics and Finance**. Proceeding Myrtle Beach, SC. February 10, 2005.

Hossein Jamshidi and Eric Rahimian, "Empirical Analysis of Performance of ISO Certification," **The American Society of Business and Behavioral Sciences**. Proceeding, Las Vegas, NV. February 19-22, 2004.

Hossein Jamshidi and Emeka Dunu, "Managers View on ISO 9000 Certification," **Society for Advancement of Management**: 2003 International Conference. Proceeding, Orlando, Florida. April 10-13, 2003.

David Ang and Hossein Jamshidi, "Cell Manufacturing: A Rule Based System," **Midwest Decision Sciences Institute**. Proceeding, Milwaukee, Wisconsin. April 26, 2002.

Hossein Jamshidi and Eric Rahimian, "Does ISO 9000 Certification Improve Companies Profitability," **Society for Advancement of Management**: 2002 International Conference. Proceeding, McLean, Virginia. April 6, 2002.

Hossein Jamshidi and David Ang, "Managers Perception on Malcolm Baldrige Award Point Distribution," The American Society of Business and Behavioral Sciences. Proceeding, Las Vegas, NV. February 21, 2001.

Hossein Jamshidi and Emeka Dunu, "Factors Stimulating Student's Interest in The Classroom: School of Business Versus Other Schools," Decision Sciences Institute, Proceeding, Orlando, Florida. November 18-21, 2000.

Hossein Jamshidi and Emeka Dunu, "The Commonalities Among Companies Winning Malcolm Baldrige Quality Award," Northeast Decision Sciences Institute, Proceeding, Atlantic City, New Jersey. March 22-24, 2000.

Emeka Dunu and Hossein Jamshidi, "The Impact of ISO 9000 Certification on the Financial Performance of Organizations," Decision Sciences Institute, Proceeding, New Orleans, Louisiana. November 20-23, 1999.

Hossein Jamshidi, Jenise Showers, and Emeka Dunu, "A Look at Malcolm Baldrige National Quality Award Point Distribution," Decision Sciences Institute, Proceeding. New Orleans, Louisiana. November 20-23, 1999.

Hossein Jamshidi, "A Look at Alabama's Quality Award Program," Southeast Decision Sciences Institute, Proceeding, February 24-26, 1999. Savannah, Georgia.

Emeka Dunu and Hossein Jamshidi, "The Use of Quality Management Tools in US Service Organizations," Decision Sciences Institute, Proceeding, Las Vegas, Nevada. November 21-24, 1998.

Hossein Jamshidi and Emeka Dunu, "Quantifying The Success of TQM Progress," Western Decision Sciences Institute, Proceeding. Reno, Nevada. April 7-11, 1998.

Horace Scruggs and Hossein Jamshidi, "Will Quality Circle be a Common Place in U.S. Firms?" Decision Sciences Institute, Proceeding. San Diego, California. November 22-25, 1997.

Horace Scruggs and Hossein Jamshidi, "The Success of TQM/JIT in the U.S. Workplace," Decision Sciences Institute, Proceeding. San Diego, California. November 22-25, 1997.

Hossein Jamshidi, David Ang, and Chris Enyinda, "Batching and Scheduling Part Families in Multi-Product Production Facility," American Society of Business and Behavioral Sciences, Proceeding. Las Vegas, Nevada. February 11-15, 1996.

David Ang, Michael Budden, and Hossein Jamshidi, "Exceptional Element Problems in Group Technology," The Institute of Management Science (TIMS), Southeastern Chapter, Proceeding. Myrtle Beach, South Carolina. October 6, 1995.

Hossein Jamshidi and David Ang, "The Performance of a Simple Incremental Lot-Sizing Rule in Group Technology Environment," Decision Sciences Institute, Proceeding. Boston, Massachusetts. November 20-22, 1995.

Hossein Jamshidi, David Ang, and Herman Mixon, "The Effect of a Simple Incremental Lot-Sizing Rule in Development of Production Cycles." Association For Global Business, Proceeding. Las Vegas, Nevada. November, 1994.

David Ang, Hossein Jamshidi, and Carl McDavitt, "Machine Part Family Formation in Cellular Manufacturing: A Computer Model." International Academy of Business Disciplines, Proceeding. Pittsburg, Pennsylvania. April 1994.

Hossein Jamshidi and Robert Brown, "Development of Production Cycles for Group Technology Environment With the Wagner-Whiting Algorithm." **Computers and Industrial Engineering, An International Journal**. Vol. 24, No. 2, pp. 199-207, 1993.

Hossein Jamshidi, "Development of Production Cycles For Multi-Product Production Facility with Capacity Limitations." The Institute of Management Sciences (TIMS), Southeastern Chapter. Proceedings, Myrtle Beach, South Carolina. October 1992.

Hossein Jamshidi, "Variance Reduction in Network Analysis." The Institute of Management Sciences (TIMS) Southeastern Chapter. Proceedings, Myrtle Beach, South Carolina, October 1986.

Books/Manuals:

Samuel E. Dunu, Chris I. Enyinda, and Hossein Jamshidi, "Applied Mathematics and Statistics For Business," Normal: Alabama A&M University Printing Services, 1995.

1- "Systems Engineering Studies: NASA Reliability Manual Studies"

2- "Systems Engineering Studies: Final Report"

Assisted in development of documents (manuals) which defined reliability/statistical analysis procedures for system components, appropriate for Marshall Space Flight Center (MSFC) applications. April 1989.

AWARD AND PRESENTATIONS

- *Received Excellence in Research award from College of Business and Public Affairs, Department of Management, Marketing and Logistics. May 8, 2018.*
- *Received a research award in the International Academy of Business and Public Administration Disciplines (IABPAD), conference New Orleans, October 19 – 22, 2016.*
- *Received a service award as a session chair in the International Academy of Business and Public Administration Disciplines (IABPAD), conference New Orleans, October 19 – 22, 2016.*
- *Received a research award as a **best paper** in The Global Business Development Institute (GBDI). Eighteen International Conference. Las Vegas, Nevada, March 24 – 27, 2013.*
- *Received a research award as a **best paper** in The International Academy of Business and Public Administration Disciplines (IABPAD). Conference, October 21-24, 2010.*

- Received a research award as a **best paper** in the field of Operations Management, GBDI International Conference, Las Vegas. March 2010.
- Received an award for “Intellectual Contribution” in School of Business. 2005-2006.
- Conducted a workshop on Lean Manufacturing/Cellular Manufacturing for Rolls-Royce/The Purdy Corp. Mentor Protégé program, Manchester, CT, May 2006.
- Anantharaman Sekhar, Robbani Mohammed, and Hossein Jamshidi, “Performance Motivators on the ETS Major Field Exam in Business”, A HBCU Case Study. School of Business, Alabama A&M University. November 2005.
- Conducted a workshop on ABC Inventory Management for Boeing/DACA program, Sponsored by U.S. Air Force in Washington Saint Louis in April 25-26, 2005.
- Conducted a workshop on Inventory Management for Boeing/Precision Machine Manufacturing, Mentor-Protégé Program, Sponsored by U.S. Air Force. Grove Oklahoma. July 28-29, 2003.
- Hossein Jamshidi, “Taking Measure of TQM Program After Implementation,” Faculty Research Table, The School of Business. March 15, 2000.
- Hossein Jamshidi, Conducting a Workshop on “Research Methods,” The School of Business. February 5, 1999.
- Hossein Jamshidi, Fall Faculty/Staff, Conducting a Workshop on “Increasing Intellectual Contributions,” The School of Business. August 19, 1998.

GRANTS

- “The Study of The Use of Quality Management Tools in U.S. Service Organization”, Alabama A&M University, Office of Research and Development. *Intra-Campus Research Funding Program, Fall 2005*
- “Forecasting Techniques for Transit Demands.” Principal Investigator. Submitted to Department of Transportation. September 1994.
- “Feasibility Study of a Test Bed Simulator for Intelligent Vehicle Highway Systems.” Principal Investigator. Submitted to Department of Transportation. July 1994.
- “A Feasibility Study for Developing and Implementing a Vehicle Safety Monitoring and Recording Device Utilizing State-Of-Art Optical Components and Fuzzy Logic.” Co-Principal Investigator. Submitted to Department of Transportation. July 1994.

- “A Feasibility Study for an Operational Test to Qualify the Effectiveness of Telecommuting on Traffic Congestion Reduction.” Principal Investigator. Submitted to Department of Transportation. July 1994.
- “A Feasibility Study for Developing and Implementing a Vehicle Health Management and Monitoring Device Utilizing State-Of-Art Technology.” Principal Investigator. Submitted to Department of Transportation. July 1994.
- “A Feasibility Study for Developing and Implementing a Vehicle Optimal Routing System.” Principal Investigator. Submitted to Department of Transportation. July 1994.
- “A Feasibility Study for an Operational Test of Applying Large City Traffic Congestion Reduction Lessons Learned to Small or Medium Size Urban Areas.” Principal Investigator. Submitted to Department of Transportation. July 1994.

ORGANIZATIONS AND HONOR

- Special Award Certificate for “Professional Awareness & Appreciation Program’ by Energy Systems Management Organization. October 19, 1995.
- Special Award Certificate for Outstanding Research, Business Administration Department. April 21, 1994.
- First Place winner. Sigma XI, The Scientific Research Society Conference Huntsville, AL. February 24, 1990.
- Institute of Industrial Engineering
- Alpha Phi Mu, Industrial Engineering Honor Society
- Member of the Institute Decision Sciences
- Alpha Phi Mu, Industrial Engineering Honor Society
- Member of the Western Institute Decision Sciences
- Member of the Northeast Institute Decision Sciences
- Member of the Production and Operations Management Society (POMS)

ACTIVITIES

School:

- Member of the university Promotion & Tenure committee (Fall 2015-present)
- Member of the college Research committee (Fall 2016 – present)
- Member of the college Curriculum committee (Fall 2016 – present)
- Chairman of the School Promotion and Tenure Committee–(Fall 2000-2006)
- Member of the University Promotion and Tenure Committee–(Fall 2009-Spring 2010)
- Chairman of Management & Marketing Promotion and Tenure Committee (Fall 2006-present)
- Member of the University Promotion and Tenure Committee–(Spring 1998-Fall 2007)
- Member of the University Grievance Committee – (Fall 1993–Spring 1998)
- Chairman of the School of Business Faculty Development Committee – (1999-Fall 2007)
- Member of the School of Business Graduate Admission Committee (MBA)-(1996-2000)

- Member of the Management & Marketing Research Round Table Committee-(1999-present)
- Member of the School of Business Intellectual Contribution Committee-(1997-1998)
- Director of Research Opportunities for the School of Business-(1994-1995)
- Chairman of the School of Business Accreditation Standards Committee-(1994-1995)
- Member of the School of Business Program Review Committee-(1994-1995)
- Member of the School of Business Curriculum and Academic Standards Committee-(1994)
- Member of the School of Business Promotion and Tenure Committee-(1994-1995)
- Member of SACS MOCK team
- Developed two graduate courses in MBA program for concentration in TQM-(TQM 519 and TQM 520) June 1992