

PROFESSIONAL VITA

EMEKA S. DUNU

Associate Professor of Management Science and Operations Management.

Interim Head of Department

Department of Management and Marketing

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Education:

Ph.D.	Management Science University of North Texas, 1994
M.S.	Industrial Engineering Mississippi State University, 1985
M.B.A.	Business Administration University of Southern Mississippi, 1983
B.Sc.	Chemistry Obafemi Awolowo University, Nigeria, 1976

Professional Certification:

CPIM	Certified in Production and Inventory Management, APICS, 1996
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Professional Experience:

1998 - present	Interim Chair, Dept. of Management and Marketing Alabama A&M University, Normal, AL
Fall 1997	Interim Director of MBA Program, School of Business Alabama A&M University, Normal, AL
1994 - 2000	Assistant Professor, Department of Management & Marketing, Alabama A&M University, Normal, AL
1989-1993	Teaching Fellow, Department of Business Computer Information Systems, University of North Texas, Denton, TX
1986-1988	Manager, Express Sales Dallas, TX
1983-1985	Research Assistant, Department of Industrial Engineering, Mississippi State University, Mississippi State, MS
1976-1981	Quality Control Chemist, Nigerian National Petroleum Corporation, Lagos, Nigeria.

Academic Courses Taught:

Quantitative Business Analysis (MBA 503) at Alabama A&M University.
Applied Statistics for Business (MBA 510) at Alabama A &M University.

Mathematics for MBA (MBA 501) at Alabama A&M University.
Strategic Management (MGT 516) at Alabama A&M University.
Independent Research in Management (MGT 568) at Alabama A&M University.
Production/Operations Management (MGT 413) at Alabama A&M University.
Management Science (MGT 397) at Alabama A&M University.
Strategic Management & Policy (MGT 442) at Alabama A&M University.
Principles of Management (MGT 315) at Alabama A&M University
Statistical Analysis I (MSCI 3700) at the University of North Texas.
Statistical Analysis II (MSCI 3710) at the University of North Texas.
Basic Operations Research (MSCI 2870) at the University of North Texas.

Course Innovations and Development:

- ! Revised MBA 501 (Mathematics for MBA) to include introductory statistics.
- ! Revised MBA 510 (Applied Statistics for Business) and acquired the statistical software for the course through Title III grant.

Membership in Professional Organizations

Institute for Operations Research and Management Sciences(INFORMS)
American Production and Inventory Control Society (APICS)
American Society for Quality

Proposals Written:

- ! "Business Management and Training Assistance", Booz Allen Hamilton Inc. **(Submitted September 2006, \$39,150)**
- ! "The Huntsville Regional Innovation Alliance, or HRIA", National Science Foundation Partnership for Innovation.**(Submitted August 2006, \$200,000**, in partnership with University of Alabama in Huntsville)
- ! "Lean Management", Rolls-Royce/Manzi Metals Inc. Mentor - Protege Program, 2006. **(Funded, \$30,236)**
- ! "An Analysis of the Strategies to Recruit and Retain Students by Industry and Government Entities",Thurgood Marshall Scholarship Fund, 2006. **(Funded, \$11,805)**(Co-P.I.s are Drs. Anantharaman, Lee and Tillman,)
- ! "Lean Manufacturing", Rolls-Royce/The Purdy Corp. Mentor - Protege Program, 2005. **(Funded, \$34,123)**
- ! "Lean Supply Chain Management", Boeing/KEMCO Inc. Mentor - Protege Program sponsored by the U. S. Navy,, 2005. **(Funded, \$25,439)**
- ! "Kauffman Collegiate Network Grant", Kauffman Center for Entrepreneurial Leadership, 2004.
- ! "Supplier Improvement Management", Boeing/DACA Machine Tools Inc. Mentor - Protege Program sponsored by the U. S. Navy,, 2004. **(Funded, \$42,748)**
- ! "Executive Leadership Development Program" , U. S. Army Corps of Engineers, 2003. **(Funded, \$59,830)**

- ! "Lean Supply Chain Management" Boeing/Precision Machining and Manufacturing Mentor - Protege Program, sponsored by the U. S. Air Force, 2003.(**Funded, \$34,969**)
- ! "Operations Management Improvement" U. S. Army, Anniston Army Depot, 2002.(**Funded, \$10,000**)
- ! "Leadership Development Program" , U. S. Army Corps of Engineers, 2000/2001.(**Funded, \$70,000**)
- ! "Financial Viability Database System for Industrial Base Monitoring of Vendor's Financial Health", U. S. Army Aviation and Missile Command, 1999/2000.(**Funded, \$35,000**)
- ! "Kauffman Entrepreneurial Internship Program", Kauffman Center for Entrepreneurial Leadership, 1999.(**Repeatedly Funded, \$114,863**)
- ! "Physics-Based Modeling Methodology and Related Techniques for the Analytical Prediction and Analysis of the Related Characteristics" (with Dr. S. Ogburia), U.S. Army Tank-Automotive & Armament Command, 1998.
- ! "Benchmarking: An approach for Improving Educational Outcomes at Alabama A&M University" (with Dr. Johnie Williams), American Society for Quality, 1997.
- ! "Proposal for Instructional Technology and Faculty Development Support", Kemper Foundation, 1997.
- ! "Pilot program in Entrepreneurship Education at Alabama A&M University" (with Dr. S. Ogburia), Coleman Foundation, 1996.
- ! "Assessment of Systems' Reliability and Maintenance Characteristics Using Simulation Techniques", Lockheed Martin Energy Systems Inc, 1995.

University Committees and Services

University Brochure Committee (2005-present)
 Business Industry Cluster (2000-present)
 University Scholarship Committee (1999-present)
 School of Business Curriculum Team (1997-present)
 University Grievance Committee (1997-2002)
 Council Challenge Educational Trust Campaign Committee (1997-2000)
 Chairman, Academic Affairs Committee of the Faculty Senate (1997-1998)
 Faculty Evaluation Committee (1996-2001)
 Chairman, MBA Admissions Committee (1996-1997)
 Faculty Senate Executive Council (1995-1998)
 School of Business Promotion and Tenure Committee (1995-1998)
 Faculty Advisor Student Chapter of APICS. Founded the student chapter in 1994.

Honors:

- ! Recognized by the School of Business, Alabama A&M University for Intellectual

Contributions, 2006.

- ! Nominated by Tennessee Valley Chapter of APICS for the National Student Chapter Mentor Award, 1996.
- ! Academic Recognition Award, Department of Business Computer Information Systems, University of North Texas, 1991.

Seminars/Workshops Attended:

- ! Simulation for Decision Makers, organized by INFORMS, 2005
- ! Continuous Improvement Conference by AACSB International, 2003.
- ! Alabama Quality Award Program, University of Alabama, Tuscaloosa, 1998.
- ! MBA Curricular Issues Miniconference at the 1997 Decision Sciences Institute Conference.
 - ⊆ The Value Added of MBA Curricular Innovations.
 - ⊆ Benchmarking MBA Program Performance.
 - ⊆ Achieving Fullness in Part-Time MBA.
- ! Undergraduate Curricular Issues Miniconference at the 1997 Decision Sciences Institute Conference.
 - ⊆ Enhancing Teaching with the Internet.
 - ⊆ Innovative Education: Distance Learning Symposium.
 - ⊆ Statistical Education Workshop.
- ! Hands-on Workshop on Distance Learning, Southern Management Association Conference, 1997.
- ! Interactive Strategies for Teaching Large Classes, Southern Management Association Conference, 1997.
- ! Workshop on Electronic Data Interchange & Electronic Commerce, CEED Alabama A & M University, 1997.
- ! Third Annual Instructional Technology Conference, Auburn University, 1997.
- ! Proposal and Grant Writing Workshop, Stillman College, 1996.
- ! Department of Defense / United Negro College Fund Workshop on Funding Opportunities, Huntsville, AL 1996.

Scholarly Activities:

Dunu, Emeka and C. I. Enyinda. Conducted workshop on “Value Stream Mapping” at Manzi Metals Inc., for the Rolls-Royce/Manzi Metals mentor protégé program, March 2007.

Dunu, Emeka and H. Jamshidi. “Managing the Quality of Services: A Survey Study” . International Academy of Business and Public Administration Disciplines Conference (Submitted October 2006).

Dunu, Emeka and I. Ehie. “Material Requirements Planning in Nigerian Manufacturing Firms: A Survey Study. American Society of Business and Behavioral Sciences

Conference (Submitted October 2006).

Dunu, Emeka and S. Ogburia. “Integrated Systems Engineering Company” Southeast CASE Research Journal (Submitted October 2006).

Jamshidi, H., E. Dunu, and S. Anantharaman. “Lean manufacturing and formation of production cycles through group technology environment”. International Journal of Business and Public Administration (accepted 2006, forthcoming).

Dunu, Emeka and C. I. Enyinda. Conducted workshop on “Lean Supply Chain Management” at Manzi Metals Inc., for the Rolls-Royce/Manzi Metals mentor protégé program, October 2006.

Jamshidi, H. and Emeka Dunu. Conducted workshop on “Cellular Manufacturing” at Purdy Corporation for the Rolls-Royce/Purdy Corp. mentor protégé program, June 2006.

Dunu, Emeka and H. Jamshidi. Conducted workshop on “Standardized Work and Line Balancing” at Purdy Corporation for the Rolls-Royce/Purdy Corp. mentor protégé program, June 2006.

Jamshidi, H., E. Dunu, and S. Anantharaman. “Lean manufacturing and formation of production cycles in a group technology environment”. Proceedings of the International Academy of Business and Public Administration Disciplines, April 2006.

Dunu, Emeka and C. I. Enyinda. Conducted workshop on “Lean Supply Chain Management” at Purdy Corporation, for the Rolls-Royce/Purdy mentor protégé program, March 2006.

Dunu, Emeka and C. I. Enyinda. Conducted workshop on “Visual Management” at Purdy Corporation for the Rolls-Royce/Purdy mentor protégé program, March 2006.

Dunu, Emeka and C. I. Enyinda. Conducted workshop on “Value Stream Mapping” at Purdy Corporation, for the Rolls-Royce/Purdy mentor protégé program, February 2006.

Dunu, Emeka. Conducted workshop on “Forecasting Systems” at Kemco Inc., for the Boeing/Kemco mentor protégé program, August 2005.

Dunu, Emeka. Conducted workshop on “Lean Supply Chain Management” at Kemco Inc., for the Boeing/Kemco mentor protégé program, June 2005.

Jamshidi, H. and Emeka Dunu. Conducted workshop on “Inventory Management” at DACA Inc. for the Boeing/DACA mentor protégé program, August 2004.

Dunu Emeka and Enyinda, C. I. Conducted workshop on “Supplier Management” at DACA Inc. for the Boeing/DACA mentor protégé program, July 2004.

Dunu Emeka and Olariu E. Conducted workshop on “Strategic Planning” at DACA Inc. for the Boeing/DACA mentor protégé program, May 2004.

Fargher, John and Emeka Dunu. Conducted workshop on “Lean Implementation” at DACA Inc. for the Boeing/DACA mentor protégé program, December 2003.

Dunu, Emeka. “Managing Teams for Excellent Performance”. Workshop/Seminar in the Executive Leadership Development Program for the U. S. Army Corps of Engineers, 2003

Jamshidi, H. and Emeka Dunu. “MRP and Materials Management” Workshop/Seminar in the Lean Supply Chain Management Training Program for the U. S. Air Force, Mentor - Protege Program, August 2003.

Dunu, Emeka. “Purchasing Management”. Workshop/Seminar in the Lean Supply Chain Management Training Program for the U. S. Air Force, Mentor - Protege Program, May 2003.

Dunu, Emeka. “Principles of Supply Management”. Workshop/Seminar in the Lean Supply Chain Management Training Program for the U. S. Air Force, Mentor - Protege Program, March 2003.

Dunu, Emeka and Uchenna Elike. "Financial Viability Database System for Industrial Base Monitoring of Vendor’s Financial Health”, Development of a Decision Support software for U. S. Army Aviation and Missile Command, 2000.

Dunu, Emeka and H. Jamshidi. “The Impact of ISO 9000 Certification on the Financial Performance of Organizations”. Proceedings of the 1999 Decision Sciences Institute Conference.

Dunu, Emeka and D. Wooden. “Quality Management in the Hospitality Industry”. Proceedings of the 1999 Southeast Decision Sciences Institute Conference.

Dunu, Emeka and H. Jamshidi. “The Use of Quality Management Tools in U.S. Service Organizations”. Proceedings of the 1998 Decision Sciences Institute Conference.

Jamshidi, Hossein and Emeka Dunu "Quantifying the Success of TQM Progress". Published in the proceedings of the Western Decision Sciences Institute conference 1998,.

Dunu, Emeka and Ike Ehie. "MRP in Developing Countries: A Case of Nigerian

Manufacturing Firms". Presented at the 1997 Decision Sciences Institute Conference and published in the proceedings.

Dunu, Emeka and Hossein Jamshidi. "Application of Statistical Process Control in Services ". Presented by at the Production and Operations Management Society Conference in Miami Beach, Florida, April 1997.

Jamshidi, Hossein and Emeka Dunu "Taking the Measure of TQM Program After Full Implementation". Presented by at the Production and Operations Management Society Conference in Miami Beach, Florida, April 1997.

Dunu, Emeka. "Managing Continuous Improvement in the Production/Operations Function". Journal of the Alabama Academy of Sciences, April 1996.

Dunu, Emeka and Lolita Howard. "Benchmarking: Considerations, Procedures and Impact on Competitiveness". Journal of the Alabama Academy of Sciences, April 1996.

Dunu, Emeka and J. B. Spalding. "Monte Carlo Comparison of the Powers of Various Statistics for Testing the Equality of Means of Two Populations When Some Data are Missing". Proceedings of the Southwest Decision Sciences Institute, 1995.

Dunu, Emeka. "Approaches to Productivity Improvement". Journal of the Alabama Academy of Sciences, April 1995.

Dunu, Emeka. "Application of Simulation Techniques for System Reliability Assessment". Presented at the Professional Awareness and Appreciation Seminar, at Martin Marieta Energy Systems, Oak Ridge, Tennessee, 1995.

Dunu, Emeka. "Comparing the Powers of Several Proposed Tests for Testing the Equality of Means of Two Populations When Some Observations are Missing". Doctoral Dissertation, 1994.

Dunu, Emeka. "Materials Analysis and Production Planning for New Manufacturing Ventures". Master's Thesis, 1985.

Research Interests

Quality management, lean operations, supply chain management, productivity improvement techniques, management of services, use of simulation techniques in operational design and analysis, forecasting, team approach and statistical modeling.