MILTON L. SMITH, Ph.D.

Professor Department of Industrial, Manufacturing, and Systems Engineering; Texas Tech University; Lubbock, TX 79409-3061; (806) 742-3543; milton.smith@ttu.edu.

Education

Ph.D. Texas Tech University 1968

M. S. I. E. Texas Tech University 1966

B. S. I. E. Texas Tech University 1961

Experience

Texas Tech University

Professor 1978-Present

Associate Professor 1972-78

Assistant Professor 1968-72

Consulting Facilities design,

manufacturing systems

hail impact testing

U. S. Air Force Lajes Field, Azores & Dover, DE

Management Engineering Officer 1962-65

Supervised collection of data on personnel staffing requirements in numerous Air Force base work centers including commissary, staff judge advocate, facilities maintenance, and aircraft maintenance

Hurricane Test Laboratory President and stockholder 1994-2007

Presided over meetings of board of directors;

maintained close contact with company general manager

Professional Affiliations

Institute of Industrial and Systems Engineers, Operations Research Society of America, Phi Kappa Phi, Tau Beta Pi, Alpha Pi Mu

Service Activities

Department representative on Whittaker College of Engineering Academic Policy Committee; graduate student advisor for distance students; member of Undergraduate Program committee and member of Graduate Program committee for the IMSE Department; State Employee Charitable Campaign coordinator for IMSE Department.

Selected Recent Publications

Santithammarak, Vanlapha, Smith, Milton, (2010), Models of Improving the Logistics Processes for Propane Delivery: Delivery to Customers in Rural Areas, VDM Verlag Dr. Muller Aktiesellschaft & Co. KG

Shenoy, N., Smith, M.(2011) Propane Demand Modeling for Residential Sectors: A Regression Analysis. In Kenneth D. Lawrence, Ronald K. Klimberg (Ed.), *Advances in Business and Management Forecasting* (vol. 8). Emerald Books.

Tercero, V., Ramirez, J., Cordero, A. E., Smith, M., Beruvides, M. (2012). Modified Tukey’s Control Chart. *Communications in Statistics Journal, 41*, 1566-1579.

Panwalkar, S. S., Smith, M., Koulamas, C. (2013), Review of the Ordered and Proportionate Flow Shop Scheduling Research. *Naval Research Logistics Quarterly, 60*, 46-55.

Chung, T.-P., Liao, C.-J., Smith, M. (2013). A Canned Food Scheduling Problem with Batch Due Date. *Engineering Optimization*.

Calvo-Amodio, J., Patterson, P., Smith, M., Burns, J. (2014). A System Dynamics Model for Managing Transition-Phases in Healthcare Environments. *Journal of Industrial Engineering and Management Innovation*.

He, Y., Rqchamadugu, R., Smith, M., Stecke, K. E. (2015), Segment Set-Based Part Input Sequencing in Flexible Manufacturing Systems. *International Journal of Production Research, 53*.

He, Y., Smith, M., Stecke, K., Rachamadugu, R., (2015) Part Input into Flexible Manufacturing Systems in Make-to-order Environments for Mass Production. *Internal Journal of Production Research*.