

Curriculum Vitae

Robert Judge, PhD, MSBA(IS), MBA, CFPIM_(lapsed)
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Goals

Obtain a tenure track teaching position in Information and Decision Sciences. Continue research in Supply Chains and Knowledge Management.

Education

- PhD program at Claremont Graduate University: Information Science and Technology (May 2008: GPA 3.97).
- Master of Science in Information Systems – San Diego State University, (May, 2005: GPA 3.8) Honors Society: Beta Gamma Sigma.
- Master of Business Administration - San Diego State University, May 1982. Emphasis in Information and Decision Sciences. Thesis: “The identification and reduction of production delays”.
- Two years graduate work in Biology - San Diego State University, 1978 – 1980.
- Bachelor of Arts - Humboldt State University, June 1978. Degrees in Biology and Botany.
- Certified CFPIM by the American Production and Inventory Control Society (APICS) in 1991 (certification has expired).

Research

- Judge, R. 2008. “Simulating Knowledge Flows to Formulate Strategies for Implementing Knowledge Management in Small Organizations. Unpublished Dissertation.
- Judge, R. et al. 2007. “Strategies for Stakeholders involved in the Emerging Wireless Broadband Networks”. Los Angeles Mobility Roundtable Conference
- Obal, L. and Judge R. 2007. “The Influence of Cognitive Mapping, Learning Styles and Performance Expectations on Learning Effectiveness”. AIS SIG-ED IAIM 2007 Conference. December 2007.
- Judge, R. 2007. “A Simulation System for Developing and Evaluating Implementation Strategies for Knowledge Management Systems (KMS) in Small to Mid-size Enterprises (SME)”. DESRIST 2007 (Design Science Research in Information Systems and Technology). **Winner of the Vint Cerf award for best student authored paper.**

- Judge, R. 2007. “The influence of Information linkage on User Acceptance of a Knowledge Management System (KMS) in Small to Mid-size Enterprises (SME)”. Paper presented at the HICSS 40 conference (Hawaiian International Conference on System Sciences).
- Judge, R. 2006. “Shared Leadership in Supply Chains”. Paper presented at Conference 2006 (incorporating the 4th Worldwide Research Symposium on Purchasing & Supply Chain Management, the 17th Annual NARTS and 15th Annual IPSERA conferences).
- Judge, R. 1989. “Lead time and lot size reduction: A competitive necessity”. Presentation to the Aerospace and Defense section of the American Production and Inventory Control Society. Topic.
- Judge, R. 1986. “MRP, The Beauty and the Beast”. Presentation to the National Conference of APICS.

Current efforts in progress

- Paper submitted to the International Journal of Knowledge Management (revise and resubmit in process). “A Simulation System for Evaluating Implementation Strategies for a Knowledge Management System (KMS) in Small to Mid-size Enterprises (SME)”
- Chapter submitted as part of a book on Design Science due out in 2008. Lead authors: Samir Chatterjee (Claremont Graduate University) and Alan Hevner (Director of the National Science Foundation).

Teaching Experience

- San Diego State University part-time faculty member in the Department of Information and Decision Sciences (1989 - current). Courses developed and instructed:
 - Graduate: Manufacturing Planning and Control Systems (MRP)
 - Graduate: Operations Management (for the first and third cohort of the Sports MBA)
 - Undergraduate and Graduate: Operations Management
 - Graduate: Project Management (scheduled for Summer 2008)
- University of San Diego part-time faculty member in the Department of Decision Sciences (2004 - current). Courses developed and instructed:
 - Graduate: Database Design and Development
 - Graduate: Project Management (Supply Chain Management Institute)
 - Graduate: Project Management (Global Leadership Program)
 - Undergraduate: Operations Management at the undergraduate level
 - Undergraduate: Management Science
- Palomar Community College part-time faculty member in the School of Business (2003-current). Courses developed and instructed:
 - Supply Chain Management.
 - Introduction to Management

- Consulting: Project management training for sourcing development. Alyeska Pipeline employees. Completed in December 2006.
- Consulting: Development of online training materials for course in Microsoft Project Management. USD Supply Chain Management Institute. January 2006.

Employment

HomeRelay Communications - Startup Company August 2000 to May 2003
 Internet Service Provider specializing in serving Internet appliances and providing low cost Internet access (+75K registered customers).

Co-Founder and V.P. Operations Support – Member of team that founded HomeRelay. Created, hired and managed the departments of Program Management, Customer Service, Test Engineering, and Billing Systems.

Conexant (formerly Rockwell Semiconductor Systems which acquired ComStream Division)

December 1994 to July 2000

Semi-conductor manufacturer of communication integrated circuits (\$1 billion revenue)

Senior Product Manager (June 1997 to July 2000) - Digital Cable Appliance Solutions
 Led product management for silicon solutions into microwave and cable modem-enabled set-top appliances.

Program Manager (ComStream Corporation: December 1994 – June 1997) - With Marketing, Finance, Engineering and Manufacturing, created successful forecasts, budgets and schedules for the development of new Integrated Circuits, board level products and SW used in Digital Data and Video Communications to the home over satellite, or cable.

IRT Corporation

March 1992 to December 1994

Manufacturer of high speed X-Ray equipment for automated circuit board inspection.

Director of Materiel and MIS - Responsible for managing Forecasting, Purchasing, Production Control, Inventory Management, Shipping and Receiving, and MIS.

- Directed the successful implementation of an ERP/MRP II system.
- Obtained \$65,000 Grant from the California Employment Training Panel to cover the MRP II training costs.

Rohr Industries

October 1984 - March 1992

\$1Billion subcontract aerospace company specializing in struts and nacelles.

Administrator of Operations Planning and Integration

August 1990 to March 1992

Responsible for integrating customer product demand, operational and financial constraints and market forecasts into an operationally achievable and committed multi-million dollar master production schedule.

Deputy Unit Manager

March 1989 to August 1990

Directed the activities of manufacturing, manufacturing engineering, industrial engineering, inventory management and production control personnel. Responsible for manufacturing and organizational philosophy as well as cost, schedule and quality for *all* of Rohr's welded parts (10,000 part numbers delivered to seven plants including international).

Supervisor/General Supervisor of Manufacturing Systems

October 1984 to March 1989

Responsible for corporate manufacturing system design (MRPII) to support a multi-plant environment and to provide corporate-wide training, department instructions and documentation.

Intel Corporation

June 1982 to September 1984

Administrator of Information Services - Integrated plant wide inputs to develop the project plan and capital plan to bring up Intel's newest plant. Established the Information Services Department (staff of 10). Developed detailed plans and drove the successful implementation of the facility's engineering analysis, manufacturing and inventory system.