

Curriculum Vitae

Jay Forrest

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E d u c a t i o n

Doctorate in Foresight and Futures Studies (ongoing)

Leeds Metropolitan University, Leeds, U.K.

Postgraduate Certificate in Research Methodology

Leeds Metropolitan University, Leeds, U.K.

Master of Science in Studies of the Future

University of Houston - Clear Lake

Graduate Business Studies

University of Houston

Bachelor of Science in Chemical Engineering, with Honors

University of Texas at Austin

A c a d e m i c H o n o r s

Phi Kappa Phi

Outstanding Student, Studies of the Future - 1995/1996

Tau Beta Pi

P r o f e s s i o n a l I n t e r e s t s

Scenario and Strategic Planning

System Dynamic and Strategic Modeling

Information and Decision Making

Vulnerability Analysis

Organizational Culture and Change

Energy and Transportation

Water

P r o f e s s i o n a l E x p e r i e n c e

Business Analysis and Planning

Market Analysis, Forecasting, Planning, Competitive Assessment

Independent Consultant (since 1985)

Senior Consultant - major chemical business consulting firm

Financial Analyst - \$350 million division of major petrochemical company

Executive Information Systems

Independent Consultant - identifying and formalizing critical management information

Business and Project Management

Sales, Marketing, Contract Negotiation

Business Area Manager - \$35 million chemical business division

Project Management

Project Manager - A Vision of the Consumer of 2020
Project Manager - \$20 million dollar chemical expansion
Planning Coordination - \$350 million division of major petrochemical company

Product Research and Development

Pilot Plant Operation and Commercial Implementation

Polymer Engineer - major chemical company research laboratory

Training

Lecturer/Speaker

System Dynamics Society Conferences

World Future Society Conferences

Local business and professional forums

Instructor

Rice University Department of Continuing Studies

United States Navy Nuclear Power School

Computer Background

General Skills

System Dynamic Modeling

Simulation and Modeling

Data Analysis, Evaluation, and Data Modeling

Object Oriented Programming

Database Design

Specific Program Expertise/Familiarity

Vensim

Powersim

Stella

Microsoft Excel

Programming Languages

Visual Basic

International Experience/Language

Latin America

Chemical Business Survey and Projection, 1984

World Presidents Organization University, Santiago, 1995

Personal and Business Travel throughout Latin America

Language

Spanish - some

Selected Publications

Time Related Sources of Model Failure – System Dynamics Society International Conference 2001

A Structured Approach to Scenario Planning - World Future Society Annual Conference 2000

Systems Thinking in Scenario Planning - World Future Society Annual Conference 1999

System Dynamics, Scenario Planning, and Alternative Futures - System Dynamics Society International Conference 1998

The Corporate Challenge of Sustainable Development - BETTER WORLD, NO. 6, Oct./Nov. 1996

Selected Organizations

World Future Society

- Professional Member*
- System Dynamics Society**
Member
- International Society for the System Sciences**
Member
- The Institute of Electrical and Electronics Engineers**
Member
- New England Complex Systems Institute**
Member
- Institute for Strategic Clarity**
Associated Resident Futurist
- Institute For High Performance Planners**
Member
- Industry Affiliates Committee for
Houston Advanced Research Center (The Woodlands, Texas)**
Former Member
- Advisory Committee for Intelligent Transportation Systems Strategic Plan
Texas Transportation Institute**
Former Member
- The Breakfast Association (River Oaks Country Club, Houston, Texas)**
Member (Inactive)
- Alamo FlyFishers (San Antonio, Texas)**
Member
- Texas Photographic Society**
Past Board Member