

Patrick W. Shannon

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EDUCATION

BS, Industrial Management (U of Montana, 1970)
MS, Management and Statistics (U of Montana, 1972)
Ph.D. Quantitative Methods (U of Oregon, 1975)

PROFESSIONAL EXPERIENCE

2008-Present Dean, College of Business and Economics, Boise State University
1994-2008 Professor, Statistics and Supply Chain Management, Boise State University
2001-2004 Department Chair, Department of Networking, Operations and Information Systems, Boise State University
1992-1994 Associate Dean, College of Business, Boise State University
1987-1992 Professor, Production and Operations Management, Boise State University
1985-1987 Associate Professor, Operations Management, Boise State University
1982-1985 Associate Professor, Business Statistics, University of Montana
1981-1982 Associate Department Chair, Department of Management and Finance
1979-1982 Associate Professor, Decision Sciences, Boise State University
1974-1979 Assistant Professor, Decision Sciences, Boise State University

OTHER PROFESSIONAL APPOINTMENTS

Spring 1992 Visiting Professor, Bond University, Gold Coast, Australia
Spring 1994 Faculty, Executive MBA Program, Bond University, Australia and India

INTELLECTUAL CONTRIBUTIONS

Refereed Articles

- "DISFRE: Distribution-Free Discriminant Analysis," Journal of Marketing Research, May, 1977
- "Earnings Quality and the Impact of Capitalizing the Allowance for Funds Used During Construction for Electrical Utilities," Public Utilities Fortnightly, (1977) Co-authors: Thomas Stitzel and Dennis Fitzpatrick
- "Pavement Width Standards for Rural Two Lane Highways," Transportation Research Record, (1978) Co-author: Alohn Stanley
- "Using Simulation in Implementing Property Tax Reform," Simulation, Volume 33, No. 5, November, 1979. Co-authors: V. Lyman Gallup, C. Mike Merz, and Emerson Maxson
- "A Note on Making It Right the First Time," Training and Development Journal, March 1990. Co-authors: Phil Fry and David Groebner
- "A Decision Support System for Motor vehicle Taxation Evaluation," Interfaces, Vol. 22, Number 2, March-April, 1992. Co-author: Robert Minch
- "What Is Customer Driven Marketing?," Business Horizons, November-December, 1992 Co-Author: Earl Naumann
- "Push/Pull Manufacturing Simulation: A hands-on Training Experience," Production and Inventory Management Journal Vol. 34, No.1, First Quarter, 1993 Co-Author: Phil Fry
- "The Value-Added Ratio," Quality Progress, Vol. 30, No. 3, March, 1997
- "The Effect of Environmental Factors on Driver Speed: A Case Study," Transportation Research Record, No. 1635, September, 1998. Co-Authors: Wei Liang, Mike Kyte, and Fred Kitchener
- "Effect of Weather on Free-Flow Speed", Transportation Research Record, Journal of the Transportation Research Board, No 1776, pp 60-68, December 2001, Co Authors: Mike Kyte, and Fred Kitchener
- "The Role of Quality Tools in Improving Satisfaction and Government", Quality Management Journal, Vol. 9, Number 2, 2002. Co-Authors: Larry Howard and Tom Foster.

“Improving Throughput, Reducing Lead Time, and Managing Constraints: A Computer Simulation-Based Exercise”, *Decision Sciences Journal of Innovative Education*, Vol. 1, Number 2, Fall, 2003, co-author: Phil Fry

“Leadership, Perceived Team Climate, and Process Improvement in Municipal Government”, *International Journal of Quality and Reliability Management*, Vol. 22, No. 8, 2005 Co-Authors: Larry Howard and Tom Foster.

“Using Simulation to Explore Lean Manufacturing Implementation Strategies” *The Journal of Management Education*, Accepted, Forthcoming in 2010. Co-Authors: Kip Krumwiede and Jeff Street.

Academic Presentations

Numerous presentations at academic conferences including regional and national Decision Sciences Institute, ORSA/TIMS and Academy of Management.

Books

College Mathematics: With Business Applications, 1985, Merrill Publishing
(Co-author: David Groebner)

Introduction to Management Science, Copyright, 1991, Macmillan/Dellen Publishing
(Co-author: David Groebner)

A Course In Business Statistics, 1st thru 4rd Editions, Copyright 1994 to 2006, Prentice Hall Publishing (Co-authors: David Groebner, Phil Fry, and Kent Smith)

Business Statistics: A Decision Making Approach, 1st –thru 8th Editions, Copyright, 1981 to 2010, Prentice-Hall (Co-authors: David Groebner, Phil Fry and Kent Smith)

Instructional Materials

Excel Tutorial to Accompany Business Statistics: A Decision Making Approach, 6th Ed. and 6th Ed., (2001 and 2005) Prentice Hall Publishing (Co-authors: David Groebner, Phil Fry, and Kent Smith)

Minitab Tutorial to Accompany Business Statistics: A Decision Making Approach, 6th Ed. and 6th Ed., (2001 and 2005), Prentice Hall Publishing (Co-authors: David Groebner, Phil Fry, and Kent Smith)

“Theory of Constraints Case Study Using ProModel”, (Co-author: Phil Fry)

SERVICE

Professional Associations:

Decision Sciences Institute

Offices:

National Vice President and Board Member 1989-1991

Western Region President 1987-1988

Western Region VP Programs and Meetings 1985-86

National Strategic Planning Committee – 1996-98

POM Track Chair –1998, 2004

Innovative Education Track Chair – 2005 - 2008

American Society for Quality Control

Offices:

Chairman, Boise Chapter 1992-93

Program Chair 1997-2000

Idaho Total Quality Institute

Offices:

Board Member 1991-92

Idaho Quality Award

Offices:

Board Member 1996-2003

President 1997-1999

Idaho Business Week

Offices:

Steering Committee 1986-2007

The Institute for Management Sciences – member

Production and Operations Management - member

Executive Development Seminars:

Boise State University Center for Professional Development:

Manufacturing Supervisors Training Program

Total Quality Management Awareness

JIT-And Push/Pull Manufacturing

The Tools of Quality-An Introduction

SPC Techniques

Delivering Service Quality

The Manufacturing Challenge

Managing Successful Projects

Time-Based Competition

Program and Project Management

Lean Operations

Professional Consulting

Numerous consulting engagements for public and private sector organizations including:

Private Sector:

Hewlett-Packard Corporation
St. Alphonsus Hospital
Washington Group International
Fibergalss Systems, Inc.
SCP Technologies
Woodgrain Millwork, Inc.
J.R. Simplot Company
Union Pacific Corporation
Potlatch Corporation
Boise Cascade Corporation
Zilog Corporation
CH2M-Hill
St. Luke's Regional Medical Center
SpecTek
Summerwinds Garden Centers, Inc.
Albertsons, Inc.
Welco Lumber Company
Premier Technology
Mount Baker Plywood

Public Sector:

Idaho Transportation Department
Ada County Highway District
Idaho Department of Fish and Game
Veteran's Administration
Idaho Department of Taxation
Idaho Legislative Fiscal Office
Ada County Government
Idaho Dept. of Vocational Education
Boise City
Ada Planning Association
Ada County Assessor's Office

University Service

Faculty Senate (2-terms), Numerous University, College and Department Committees, APICS Student Chapter and Alpha Kappa Psi faculty Advisor