

# -- Vitae --

- **Writings/ Speaking Engagements**
- **Industry Group Involvement**
- **Community/ Civic Affairs/ Leadership**
- **Training, Teaching, and Facilitating**
- **Applications Consulting**

## Executive Summary

**Jay Watson** Operations and Quality Improvement, 35 years experience

1975- 1987 Industrial, Manufacturing and Quality Engineering

1988- 1998 Small Business Owner - Technical Training and Development

1999- 2008 Lean Six Sigma Development Leader - Practitioner - Manager

2009- Founder, [freeleansite.com](http://freeleansite.com)

## - Vitae -

### **Industrial Engineering** (Business and Industry application ...)

- 1975** GTE, Associate Engineer
- 1978** Storage Technology Corporation, Industrial Engineer
- 1980** Siemens (Sitronix), Industrial Engineer
- 1981** Goodrich Aerospace (Gulton), Senior Quality Engineer
- 1985** AlliedSignal Aerospace, Q.A. Project Manager

### **Small Business Owner - Technical Training and Development** (Marketing, promotional events, client/customer relations...)

- 1988** Jan Education Chairman, Board Member, Section 0704 Phoenix, AZ  
American Society for Quality (ASQ)
- Jan Member, Advisory Committee; Faculty, University of Phoenix  
“Total Quality Management” (Juran-based Program)
- Jan Article; “*Quality Improvement: A Continuous Process*”  
The Sun Dial, Newsletter, ASQ Section 0704, Phoenix, AZ
- Mar Produced, Directed 1-day Seminar with Rosander and Keats  
“Developing a Quality Program in the Service Industries”- ASQ
- May Presenter; ‘Military Quality Assurance Specification Symposia’  
Developed, directed and produced with H. Bechman, Tempe
- May Produced, Directed 4-day Seminar with Doug Montgomery, Ph.D.  
“DOE: Quality Tools of the 90’s”, DoubleTree Suites, Phoenix
- Apr Commencement Speaker, GateWay Community College, Phoenix  
Quality Control Technician Awards Program
- Apr “*Achievement Award*” for the 1988 Spring Conference  
ASQ, Section 0704 Outstanding Service and Contribution
- Jun Initiating Member/ Founder, Board Member, Seminar Leader  
Arizona Quality Alliance (AQA) [Arizona Council for Excellence]

## - Vitae -

- 1988** Jul Workshop Leader, Quality Seminars (3) [Improvement Initiatives]  
San Diego, CA w/ ASU professors' (Keats and Keats)
- Aug "Aerospace and Defense: Embarking on the Quest for Quality"  
3 seminars: Denver, CO & Dallas, TX [Improvement Initiatives]  
1 "Preparing for a COR/CSSR Audit: Precautions & Pitfalls"  
2 "Understanding Quality: Mil-I-45208A and Mil-Q-9858A"  
3 "JIT Techniques for Aerospace and Defense Manufacturing"
- Sep Article - 'J.I.T. Encompasses "Quality At The Source"'  
The Sun Dial, Newsletter, ASQ Section 0704, Phoenix, AZ
- 1990** May Member; Advisory Committee; Faculty - University of Phoenix  
"World-Class Manufacturing" (Schonberger-based Program)
- May Speaker, Society of Women Engineers (SWE), Phoenix, AZ  
"The Sweet Success of Quality"
- Mar Speaker, ASQC Technical Conference, Phoenix, AZ  
"Quality With Charisma ! The 12 Dimensions of Management"
- Jun Programs Chairman, (Sep '90-May '91)  
Institute of Industrial Engineers, Central Arizona Chapter 070
- Jun Speaker, Regional TQM Educational Conference, Phoenix, AZ  
National Contract Management Association (NCMA)
- Apr Seminar Leader; "A Day in the Life of 7 Improvement Tools"  
Arizona Quality Alliance (Producer, Director)
- Nov Speaker; Arizona State Univ., IIE Student Chapter, Tempe, AZ  
"Marketing Your Technical Expertise"
- 1991** Jan Article, "Educational Leaders: Where Are You?"  
"CACTIE" Newsletter, I.I.E. Chap. 070, Phoenix, AZ
- Apr Judge, VICA /VSO (High School) TQM Team Competition  
Arizona State Dept. of Education, Vocational Education Div.

## - Vitae -

- 1991** Jul Developed, taught workshop entitled “S.P.C. Made E-Z”  
Mesa Community College, Community Education Department
- Aug Community College Teaching Certificate, (Provisional #10560)  
Certification: Business, Human Resources & Quality Engineering
- Sep Member, AZ Council for Eng’rg and Scientific Associations  
Board representative for ASQC, Section 0704
- 1992** Feb Annual Technical Conference (Director, Producer)  
ASQC Section 0704, Phoenix, AZ
- Feb “*Customer Satisfaction with Total Quality Management*”  
Session Presenter, ASQC Technical Conference, Phoenix, AZ
- Feb Keynote Speaker; “Managing Self-Directed Work Teams”  
Institute of Environmental Sciences, Mt. Prospect, IL
- Apr Led Short Course, ASU Center for Professional Development  
“Managing Self-Directed Work Teams within the Technical Environment”
- Jul Article; “*A,B,C’s of Continuous Improvement*”  
The Sun Dial Newsletter, ASQC, Chap. 0704, Phoenix, AZ
- Jul Team Trainer, “*Awards and Recognition Task Force*”  
McDonnell Douglas Helicopter Company, Mesa, AZ
- Oct Developed, designed, led 3-1/2 day Supervisory Workshop:  
“*Manufacturing Leadership Institute*”, Motorola University
- Nov Article; “*A,B,C’s of Continuous Improvement*”  
The CACTIE Newsletter, IIE, Chap. 070, Phoenix, AZ
- Nov Speaker, Arizona State Univ., IIE Student Chapter, Tempe, AZ  
“*Marketing Your Technical Expertise*”
- 1993** Jan President (‘93-’95), Institute of Industrial Engineers (IIE)  
Chapter 70, Earned “Silver” Award (International Competition)

## - Vitae -

- 1993** Mar Letter, Dr. Ray Waddoups, Vice President, Motorola University  
Adjunct Faculty position recommendation - Rio Salado College
- Mar Speaker, Human Factors and Ergonomic Society- Spring Conf.  
“*Management Approaches to Ergonomics in Plant Projects*”
- Apr TQM Facilitator, Business Partnership Meeting  
East Valley Institute of Technology (EVIT), Mesa, AZ
- May Article; “*Employees Encourage Participation in Skills Program*”  
Phoenix Newspaper Inc. (PNI) Newsletter, (front page interview)
- Jun Keynote, Teacher/Staff Development Retreat, Prescott, AZ  
Chandler Unified School District No. 80
- Sep Community College Teaching Certificate, (‘Lifetime’ #15179)  
Certification in Business, Human Resources and Quality Engineering
- 
- 1994** Jan Article, “*New Year, New Beginning, New Thinking*”  
The Sun Dial, Newsletter - ASQC, Phoenix Section 0703
- Feb “*Seven Tools of Continuous Improvement*” Workshop Leader  
Mesa Community College, Community Education
- Mar Member Planning Committee Governor’s Conference on Quality  
Annual Statewide TQM Conference initiated through the AQA
- Mar Speaker; Arizona State Univ., IIE University Chapter, Tempe  
“Marketing Industrial Engineering” Roundtable Discussion
- Mar Seminar Leader: “*A Day in the Life of 7 Improvement Tools*”  
ASU Student Chapter, Am. Society of Civil Engineers (ASCE)
- Nov Registrar; “ISO 9000 Seminars” - El Paso, Abq., Tucson, Phx.  
Conference advocate: producer, director and promoter ...

## - Vitae -

- 1994** Nov Guest Speaker, Arizona State University  
IIE, AIChE, BMES, Tau Beta Pi (University Chapters)
- Dec Guest Speaker, Tempe Professional Mens Club  
*“The Sweet Success of Quality”*
- 
- 1995** Feb *Registrar*; ISO 9000 Seminar and Action Planning Workshop  
Albuquerque, (ASQC, ABQ Quality Network, Quality New Mexico)
- Feb *Judge*; Arizona State University, ISME Dept., IIE Chapter 802  
I.E. Technical Papers - International Competition
- Apr TQM Instructor; MCC Office of Business Training Services  
(Shea Homes Inc.) MCC Corporate Client
- May Developed 30-minute “Marketing” presentation (Script, Slides)  
“Introduction to the C.Q.P. Process”, Dr. Harry Olson, Jr.
- Jul MOS-12 FAB, Chandler, AZ; Motorola Inc.  
Developed the “Process Optimization Team Training Guide”
- Sep Designed, developed “Supervisor Development Process,  
Supervisor Development Curriculum” Motorola (SPS)
- Sep TQM Instructor; MCC Office of Business Training Services  
(Shea Homes Inc.) MCC Corporate Client
- Dec Article, *“Business Goals Drive Training Needs”*  
The Sun Dial, ASQC, Phoenix Section 0704
- Dec Guest Speaker, Tempe Professional Mens Club  
*“PokaYoke: Mistake Proof It!”*

## - Vitae -

- 1996** Jan Past President, Institute of Industrial Engineers (IIE) Chap. 070  
Chair, Advisory Board, Scholarship Committees
- Jan Newsletter Editor (CACTIE), IIE chapter 070, Phoenix  
Earned national "Award for Excellence" for the publication
- Jul Designed, developed core curriculum: "Supervisor/Manager -  
Development Process Matrix"; Motorola Inc. (SPS)
- Aug Judge, *Governor's "A Spirit of Excellence"* Quality Award Program  
State of Arizona, Office for Excellence in Government
- Sep Taught Production and Inventory Management, (Mgmt. 184)  
GateWay Community College, Phoenix, AZ (16 weeks)
- 1997** Mar Developed program, trained in "PokaYoke" (Mistake Proofing)  
Motorola (SPS), RF-1 Group, 52nd St., Phoenix
- Jun Volunteer Tutor (Mathematics)  
Seton Catholic High School, Chandler, AZ
- Aug Judge, *Governor's "A Spirit of Excellence"* Quality Award Program  
State of Arizona, Office for Excellence in Government
- 1998** Jan Crew Leader, Habitat for Humanity  
Project - South Ranch II, Phoenix
- Jan Taught Production and Inventory Management, (Mgmt. 184)  
GateWay Community College, Phoenix, AZ (16 weeks)

### **Industrial Engineering** (Business and Industry application ...)

- 1998** AlliedSignal, Six Sigma Black Belt
- 2000** G.E., Six Sigma Master Black Belt
- 2004** Flowserve, Corporate Lead, Continuous Improvement Process
- 2006** Honeywell, Lean Coach/ Management Consultant
- 2007** Orbital Sciences, Lean Enterprise Manager
- 2009** Founder, freeleansite.com