

# Frank E. Hutchison, PhD

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- QUALIFICATIONS** Experienced in business development; contracting and proposal writing; program execution; acquisition; process improvement; budgeting  
Executive-level janitor – cleans up organizational, technical, and people messes  
Successful at helping difficult people to be productive  
Innovative at getting more from existing resources  
Teaches rocks to jump  
Certified in Acquisition (Program Management), Quality Management/  
Organizational Excellence and Quality Improvement, PhD in physics, veteran
- BUSINESS DEVELOPMENT AND TECHNICAL MANAGEMENT** Coached over 250 startup technology businesses in business development, capitalization, and commercialization while developing a network of service providers and mentors. Served as POC for professional associations.  
Delivered on time and within budget multi-million dollar projects while directing development, engineering and heavy industrial groups of 30 to more than 1000 people. Supervised \$60 million in research and development programs requiring coordination between private sector and the Federal government.
- ACQUISITION MANAGEMENT** Supported Air Force Acquisition Reform and Lightning Bolts '99. Led team supporting B-1B Bomber program dealing with Congress, OSD, and field organizations. Directed a 33 person staff and all aspects of contracted repair work. Organized and led effort which **overcame projected late delivery schedule** for \$500 million in training equipment contracts with more and better equipment **\$60 million under budget**. Created and implemented development plans for advanced research projects that integrate new technologies into industrial component designs. **Level III certified federal acquisition professional (Program Management)**
- QUALITY MANAGEMENT** **ASQ Certified Manager of Quality/Organizational Excellence (CQM/OE), Certified Quality Improvement Associate (CQIA). Quality Manager for the Homeland Security Institute**, a Federally Funded R&D Center mandated by Congress. Advised Deputy Chief of Staff, Communications & Information on metrics development, analysis and tracking. Lightning Bolts 99 and Acquisition and Sustainment Reinvention Process management. Re-engineered contractor paper lists and reports with electronic databases, which eliminated over one million pages and **saved \$150,000 per month**. Implemented Total Quality Management as quality management board member in 500-person organization. **Qualified DOD TQM and quality certification instructor.**
- INSTRUCTION** Taught chemistry, physics, radiation fundamentals and material science to nuclear reactor operators in an intensive, highly technical training program for four years. **Chosen over seven peers** to serve as department chairman. Instructed undergraduate physics for an additional three and a half years. **Instructor for quality management and improvement associate certification. Adjunct professor for National Graduate School, Eastern Washington and Webster University Masters program.**
- ADDITIONAL SKILLS** Spearheaded local charitable fund-raising campaigns that **exceeded previous records by 50%**. Organized and administered local interest group workshops and annual conferences attended by over 170 people. Wrote technical articles and book reviews for professional and hobby magazines and newsletters, freelance articles for computer magazines, and informational column for in-house newsletter. Expert user of Microsoft Office software. Recognized for developing innovative project schedule tracking software. Developed five commercial computer programs. 15+ years as Scout leader; Woodbadge trained.

**RELATED  
EXPERIENCE**

***Me<sup>2</sup> Solutions (Hutchison Solutions, LLC), 2206 S. Balfour Blvd., Spokane Valley, WA 99206***

Crisis management and entrepreneurs' support – reducing risk & maximizing potential, specializing in bootstrapping and entrepreneurial education, 2011-present

***Webster University, Fairchild AFB, WA***

Adjunct professor teaching Operations Management; Business Strategy and Entrepreneurship classes, 2006-2015

***Innovate Washington (formerly Sirti), 665 N. Riverpoint Blvd., Spokane, WA 99202*** (Support for technology startup companies)

Client Services, specializing in bootstrapping, military & government markets, lean and quality improvement, technologies, and production, 2006-2011

***Isothermal Systems Research, Inc. (ISR), 2218 N. Molter Rd., Liberty Lake, WA, 99019***

Program Manager, Phalanx Close-In Weapons System, 2005-2006

***Eastern Washington University, Cheney, WA***

Adjunct Professor, Operations Management, 2005

***Analytic Services Inc., (ANSER), 2900 S. Quincy St., Arlington, VA 22206***

Quality Manager for the Homeland Security Institute, a Federally Funded R&D Center mandated by Congress, 2004-2005

Managerial, facility commissioning, and process improvement support to Special Projects Office, White House Military Office, 2003-2004

Chief of Staff, Government Relations Office, Columbia Accident Investigation Board, 2003

Program manager for Weapons of Mass Destruction exercise support for Kansas, Oklahoma and Texas, Office of Domestic Preparedness, Department of Justice/Department of Homeland Security, 2002-2003

Program manager for support to Missile Defense Agency Directorates of Program Integration and Advanced Concepts and Technology, 2002-2003

Process improvement and metrics development support to the IT Interoperability and Cost Methodology Division, Deputy Chief of Staff, Communications & Information (AF/SC), 2001-2002

Managerial, programmatic and congressional support for Acquisition Reform, Assistant Secretary of the Air Force (Acquisition), 1997-2001

Support team lead for institutional review of Air Force nuclear infrastructure, Air Force Chief of Staff (Operations), 1997

Team lead providing analytical, programmatic and congressional support to the B-1B bomber Conventional Munition Upgrade Program, 1995-1997

Analytical, programmatic and congressional support to the Programs, Budget and Congressional Division, Assistant Secretary of the Air Force (Acquisition), 1994-1995

***U.S. Navy (retired CDR, USN)***

Executive Assistant, Business and Production Review Officer, and Engineering Officer, Supervisor of Shipbuilding, Conversion and Repair, U.S. Navy, Newport News, VA, 1991 - 1994

Submarine Research and Development Program Manager, Naval Sea System Command, Arlington, VA, 1990 - 1992

Mechanical and Electrical Program Area Manager, Submarine Technology Program, DARPA, Arlington, VA, 1989 - 1990

Branch Head, Strategic Submarine Project Office, Naval Sea System Command, Arlington, VA, 1985 - 1989

Deputy Assistant Supervisor of Shipbuilding, Conversion and Repair, U.S. Navy, Pearl Harbor, HI, 1984 - 1985

Ship Superintendent and Ship Safety Officer, Pearl Harbor Naval Shipyard, HI, 1982 - 1984

Instructor/Division Director, Naval Nuclear Power School, Orlando, FL, 1976 - 1980

**EDUCATION**

- Ph.D. (Physics) Utah State University, Logan, UT, 1982
- B.A. (Physics/Mathematics), Central College, Pella, IA, 1972

**CERTIFICATIONS**

- ASQ Certified Manager of Quality/Organizational Excellence #2863
- ASQ Certified Quality Improvement Associate, #212
- Acquisition Professional (Program Management), Level III, US Navy

**TRAINING**

- Web Developers Bootcamp, Udemy, 2016
- Introduction to Excel VBA Programming, California State Polytechnic University, Pomona, 2015
- Kepner Tregoe Problem Solving/Decision Making, ISR, 2006
- Electrostatic Discharge: Introduction/Control for Operators, ISR, 2006
- Appreciative Inquiry, NTL, Alexandria, VA, 2003
- Current Theory and Practice in Organizational Development, NTL, Alexandria, VA, 2002
- Human Interaction Laboratory, NTL, Alexandria, VA, 2001
- Writing Winning Proposals, Shipley Associates, 2000
- Measuring for Change, Hammer and Company, Boston, MA, 1998
- Certified Quality Manager Exam Preparation Course, American Society for Quality, VA, 1997
- Process Action Team Training, Supervisor of Shipbuilding, Conversion and Repair, Newport News, VA, 1993
- Fundamentals of Total Quality Leadership Instructor Course, VA, 1992
- Engineering Duty Officer Mid-Career Course, Engineering Duty Officer School, Vallejo, CA, 1992
- Total Quality Management Course, DSMC, Fort Belvoir, VA, 1991
- Engineering Duty Officer Basic Course, Engineering Duty Officer School, Vallejo, CA, 1982
- Submarine Officer Basic Course, Naval Submarine School, New London, CT, 1982
- Nuclear Ship Superintendent School, Bremerton, WA, 1981