

Rod Adams (January 2012)

EDUCATION

US Naval Academy - BS English (with distinction) 1981 - GPA 3.6

US Naval Postgraduate School - MS Systems Technology (with distinction) 1987 - GPA 3.8

Naval War College diploma in National Policy and Strategy (with highest honors) May 2003 - GPA 4.0

QUALIFICATIONS:

Command at Sea, Nuclear Engineer Officer, Submarine Warfare Officer, Master Instructor

EXPERIENCE - Full time

September 2010 - Present - Procedure and process development lead, mPower™ reactor development at the Babcock & Wilcox Company. Responsible for developing and implementing detailed engineering procedures. Daily coordination with senior managers, Quality Assurance, Information Technology, and Document Management to streamline processes and ensure accurate documentation.

June 2001 - September 2010 - Staff officer at the Department of the Navy headquarters. Deep and wide experience in working with senior government officials, developing budget recommendations, working with congressional staffs, and reviewing projects developed by the research community. Positions during that time included:

April 2008 - September 2010 - Action officer and financial analyst on the staff of the Deputy Chief of Naval Operations for Readiness and Logistics specializing in ship and submarine maintenance. Responsible for budget lines totaling \$800 million and influential for entire ship maintenance program in excess of \$4 billion. Project manager Regional Maintenance Center capability planning. Prepared Congressional responses, congressional reports, congressional testimony for flag officers, and decision briefs for senior executives.

July 2004 – April 2008 - Submarine training program analyst on staff of the Deputy Chief of Naval Operations for Manpower, Personnel, Training and Education. Responsible for budget lines totaling approximately \$250 million.

July 2001 – July 2004 - Technology Evangelist - project management, user training, and technology marketing of the SECNAV Corporate Portal, a \$1.4 million per year information technology project, development of knowledge management products, technology analysis with emphasis on tool implementation.

August 1999 - July 2001 Associate chairman, department of Weapons Systems Engineering US Naval Academy. Mentor for approximately 20 military faculty members.

Taught courses in systems engineering and ethics. Served as faculty advisor for local ANS chapter.

April 1999 – July 1999 – Military Exercise Coordinator, US Navy Central Command. Liaison for Exercise Bright Star, a tri-annual exercise that included forces from more than a dozen regional partners and all four services of the US military.

June 1996 – April 1999 - General Manager, J & M Industries. Production management, product and service marketing, quality assurance, information systems development
Company description: 15-22 employee plastic product manufacturing company with annual sales that nearly tripled from \$350,000 to \$970,000 during 33-month tenure.

May 1981 – September 1993 Officer – US Navy. Positions included Engineer Officer, US Naval Academy Company Officer and instructor, Naval Postgraduate School student, Main Propulsion/Chemistry and Radiological Controls Assistant, Electrical Officer, Communications Officer, Nuclear Power Training pipeline.

EXPERIENCE - Part time

May 2005 - Present - Publisher, Atomic Insights - a frequently cited energy industry blog focusing on atomic energy as an alternative to fossil fuels. Serving more than 20,000 visitors per month from 120 countries and every state in the US. Regular visitors come from ANS, NEI, policy think tanks and US NRC.

Sept 1993 - December 2010 - Founder, Adams Atomic Engines, Inc. Responsible for technical business development, energy market analysis, competitive research, financial analysis, marketing, public information campaign, licensing investigations with NRC.

May 2006 - Present - Host and Producer, The Atomic Show Podcast, an audio program about nuclear energy topics attracting 2,500 downloads per month.

September 1993 - April 1999 (US Naval Reserves) Assigned to COMSUBRON 16 as staff augmentation support (1994-1994), Voluntary Training Unit (1994-1997), and Navy Central Command (admin officer) (1997-1999).

PUBLICATIONS / PATENT / AWARDS

Awarded the ANS Presidential Citation in June 2008 for efforts to inform public about nuclear energy and the nuclear industry.

"The future of nuclear power after Fukushima" The National Review, June 20, 2011

"Earthquake, Tsunami and Nuclear Energy" The Daily, March 16, 2011

"Nuclear Power for Remote Areas", paper presented at the 12th Annual Technical Conference of the International Society of African Scientists (ISAS), held on August 16, 1996, in Philadelphia, Pennsylvania.

"Nuclear Power for Commercial Ships" - paper presented at Propulsion '95, a maritime industry conference sponsored by the Marine Log, October 30-31, 1995

Regular guest author on ANS Nuclear Cafe

US patent number 5,309,492 – Control for a Closed Cycle Gas Turbine System, awarded May 3, 1994

Four Meritorious Service Medals, two Navy and Marine Corps Commendation Medals, two Navy and Marine Corps Achievement Medals.

MEMBERSHIPS

North American Young Generation in Nuclear - Since 2001

Women in Nuclear - since 2009

American Nuclear Society - since 2005 and 1993-1998