

## Ernest H. Joy II

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### Educational Background

- 1997 VPI AND STATE UNIVERSITY Blacksburg, VA.  
Ph.D. Education: Curriculum and Instruction
- 1990 US NAVAL WAR COLLEGE Newport, RI.  
M. A., National Security And Strategic Studies
- 1984 SAN DIEGO STATE UNIVERSITY San Diego, CA.  
M. A., Education: Administration and Supervision  
With Certificate In Instructional Technology
- 1983 NATIONAL UNIVERSITY San Diego, CA.  
M. B. A., Human Resources Management
- 1967 OLD DOMINION UNIVERSITY Norfolk, VA.  
B. A., History

### Work Experience

- 1995-present Virginia Polytechnic Institute & State University  
**Department Chair, Naval Science, and Professor of Naval Science**
- Academic Department Head in the College of Arts and Sciences. Educate, train, and develop more than 200 undergraduate cadet midshipmen annually for commissioned service in the Navy and Marine Corps. Supervise ten full-time faculty and staff, administer an annual budget in excess of \$2.4 M in government and University funds. Design, develop, and administer ten undergraduate three-hour credit courses in Naval Science. Teach Leadership and Ethics to graduating seniors. Senior military ROTC advisor to the Commandant, Virginia Tech Corps of Cadets.

1995-1997: Doctoral student in Instructional Technology, Department of Curriculum and Instruction, College of Human Resources and Education.

**Achievements:** Doubled undergraduate enrollment in the department while increasing academic quality; raised the college GPA of students in the department through improved recruiting and comprehensive advising, mentoring and tutoring; initiated and obtained core credit through the University Core Curriculum Committee for Naval Science courses; and initiated and strengthened professional working relationships with each of 24 academic department heads within the College of Arts and Sciences.

1993-1995

USS Blue Ridge (LCC 19), Yokosuka Japan  
**Ship's Captain**

Commander of the most sophisticated information processing headquarters ship in the world with a capitalized value exceeding \$1B. Led, managed, trained, and administered more than 50 subordinate managers and 750 employees in providing optimal support to decision makers at the highest levels in the Navy.

**Achievements:** Recognized Navy-wide as the best trained, most successful organization of its type after just one year on the job; designed and fully implemented a highly successful academic skills education program for employees resulting in improved literacy skills and worker capabilities; successfully developed and implemented long and short term plans for training, education, administration, and management of six major departments; managed an annual budget in excess of \$12M; planned and executed major projects such as computer installations and equipment overhauls **under budget and ahead of schedule.**

1990-1993

National Defense University, Washington, DC  
**Professor of History and Graduate Course Manager**

History course coordinator within the Strategy Department, Industrial College of The Armed Forces. **Supervised eight full time tenured faculty** in the **development, administration, and teaching of a graduate level course in National Security and Strategic Studies to senior military officers and civilian senior executive service policy makers** from every branch of the federal government. Taught case studies involving a wide variety of topics such as international trade, world politics, leadership, power, decision-making, and the use of military force as an instrument of national policy. Related lessons learned from historical case studies to present day national security decision making. Led and directed a special study group to examine the US Shipbuilding industry in an era of declining defense spending.

**Achievements:** Developed an entirely new curriculum on short notice and **attained the highest student appraisals of any course in the College after just one year.** Initiated recommendations which were subsequently implemented within the shipbuilding industry to conduct joint ventures where feasible on multiple ship construction contracts.

1989-1990

U.S. Naval War College, Newport, RI  
Full time graduate student

1985-1989

Various Navy postings in executive leadership, management, and administration.

**Ship's Captain (1985-1987) and Principal Assistant (1987-1989)**

Successfully led and managed a broad range of departments and employees. Supervised training, administration, and professional development for hundreds of managers and their employees in a wide variety of skills and tasks.

**Achievements:** Met or exceeded all mission requirements involving the training, planning, movement, and sustainment of thousands of sailors and marines from US ports to Asia for six months at a time on three separate occasions. In each instance, every ship or Unit departed and returned on time, fully mission ready, and with no serious injuries or accidents.

1984

San Diego State University, San Diego, CA  
Full time graduate student

1981-1984

Fleet Combat Training Center, Pacific, San Diego, CA.

**Combat Systems Training Director**

Supervised the development and delivery of more than 50 technical courses of instruction with a throughput of 20,000 students annually. **Led more than 100 instructors in their professional development and preparation/qualification as teachers. Planned, executed, and approved curriculum revisions for all courses taught.** Designed, developed and implemented numerous new courses of instruction to meet customer requirements on short notice.

1983: National University: Off duty graduate student (MBA)

**Achievements:** Continuously earned positive feedback from customers and students on the effectiveness and quality of instruction provided. Developed **innovative methods through technology** for bringing instruction to the customer, and **improving instructional effectiveness while saving time and cost.**

1979-1980

Various Navy ships, Okinawa, Japan

### **Principal Assistant to the CEO**

Executive assistant to three senior commanders including two ship captains and a senior Admiral with oversight of several ships and thousands of people. Developed and implemented policy and programs for professional development and training, and for accountability of classified material. Developed and issued public affairs guidance to subordinate units concerning major training exercises and release of news stories to the media. Developed and implemented strategic and tactical plans for deployment of naval forces, including ground forces, and successfully exercised these plans on numerous occasions throughout the Pacific rim.

**Achievements:** Maintained maximum mission readiness for prompt sustained combat operations in support of tasking by the national command authorities. **Executed training programs efficiently and safely** under stressful conditions, frequently at night and under realistic wartime conditions.

1975-1978

Saudi Naval Expansion Program, Washington DC

#### **Education and Training Project Manager**

Designed, developed, and implemented comprehensive education and training programs for the newly established Navy of the Kingdom of Saudi Arabia. Administered English language training, recruit training, basic and advanced technical training, and on the job training for thousands of foreign nationals in the US and in Saudi Arabia. Personally authored and processed several multimillion dollar foreign military sales

contracts through the executive and legislative branches of the US government, then sold and delivered them to the Navy of Saudi Arabia. Developed and implemented the plans for a fully operational and comprehensive training center in Saudi Arabia to replace start up training conducted in the US.

**Achievements:** Initiated, developed, and implemented a new concept in military training, fundamental skills courses, in various topics such as the use of basic hand tools. Many of these courses were later adapted for use by the US Navy. Established an innovative on the job training program for sailors with no prior experience in ship operations and maintenance resulting in their being able to sail their new ships from the US to the Arabian Gulf under their own power.

1967-1974

Various Navy ship postings in leadership and management roles including **ship's captain** after only five years of naval service.

### **Instructional Technology Competencies**

Multimedia production capability in hypermedia applications software such as Authorware, Toolbook, Adobe Photo-Shop, and Hyper-Card.

Computer networking skills including internet web page development using hypertext mark up language in both Windows and Macintosh operating systems.

Distance learning expertise in the production and use of internet based course materials for presentation of college level courses.

Desktop computing skills in a variety of applications software such as MS Excel, Word, Access, Power Point, and advanced statistical programs such as SPSS.

Portable laptop computer presentation development and delivery skills including the use of audio, video, and presentation graphics.

### **Professional Associations**

Valleys of Virginia Chapter, American Society For Training and Development (current)  
 Founder, Yokosuka Chapter, Surface Navy Association (1993-1994)  
 San Diego Chapter Board Member, National Society For Performance and Instruction (1984)

### **Research and Publications**

“Program For Afloat College Education In The Navy: Measuring Effectiveness In An Era Of Declining Resources.” Unpublished dissertation, College of Education And Human Resources, Virginia Polytechnic And State University, January, 1998.

“Impending Base Closures In The Philippines Require a New US Basing Strategy In The Pacific”, Strategic Review, Summer 1990.

“US Navy Training Requirements For The Air Intercept Controller.” Unpublished thesis, College of Education, Administration and Supervision, San Diego State University, 1984.

### **Current Academic Affiliations and Committees**

Academic Heads Advisory Committee to the Dean, College of Arts and Sciences, VPI&SU  
 College of Arts and Sciences Computing and Cyberschool Committees, VPI&SU  
 Senior Military Advisor to the Commandant, Virginia Tech Corps of Cadets

### **Civic and Service Activities**

Rotary Club of Blacksburg (current) Committee chair, 1996-1997  
American Cancer Society Relay For Life Volunteer, 1996  
Volunteer tutor and mentor for underprivileged children (1992-1993)

### **Honors and Awards**

Phi Kappa Phi National Honor Society (current)  
Legion of Merit (two awards)  
Defense Meritorious Service Medal  
Navy Meritorious Service Medal  
Navy Commendation Medal  
Navy Achievement Medal

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