



## Asian American Engineer of the Year

### Jae-Yoo Ko

---

Deputy Assistant Program Manager for Construction  
Naval Sea Systems Command  
Department of the Navy

#### Citation of Accomplishment:

**Sustained leadership and programmatic contributions in the design, development, and delivery of superior warfighting capabilities into the U.S nuclear attack submarine force of the future.**

Mr. Jae-Yoo Ko is the Deputy Assistant Program Manager responsible for delivery and Navy acceptance of VIRGINIA Class submarines in the Program Executive Office, Submarines in the Naval Sea Systems Command. Mr. Ko is considered a subject matter expert in the test, certification and construction of U.S. Navy nuclear submarines.

His career accomplishments include the development and advancement of many technology augmented submarine design and construction initiatives intended to extensively enhance platform capability. He is a certified Submarine Safety Auditor with detailed technical acumen in the application of Special Operations Forces mobility integral to the VIRGINIA Class mission profile. His foresight, exceptional planning ability, in-depth expertise of submarine operations and extensive knowledge of ship system design and acceptance processes were major contributions in the initial fielding of the first fully submarine capable Fly By Wire ship control system for submerged operations. Previously, Mr. Ko was designated as the Lead Engineer for design and application of various ship auxiliary systems spanning numerous submarine classes.

Mr. Ko's programmatic and technical contributions to the 2004 delivery of the USS VIRGINIA (SSN 774) were exceedingly valuable in enabling the U.S. Navy to take acceptance of the lead ship of the first submarine class authorized for construction in over a decade. This accomplishment earned Mr. Ko and the entire VIRGINIA Class Program Office the David Packard Excellence in Acquisition award.

In 2009 Mr. Ko was recognized with both the Team Submarine and the Naval Sea Systems Command Individual Excellence awards for his leadership in the delivery of USS MISSOURI (SSN 780) nine months ahead of schedule and significantly below the negotiated contract cost.

Mr. Ko is community minded, active with his family in many civic outreach programs including local community centers, schools and Habitat for Humanity. He is a longtime platelet donor with 150 donations.

Mr. Ko received his Bachelor of Science degree from Worcester Polytechnic Institute in Mechanical Engineering in 1982. He received his Master's in Science from Yale University in Applied Sciences in 1987.

