

1. Name

Wayne G. Shear, Jr

2. Education – degree, discipline, institution, year

- B.S., Naval Architecture, U.S. Naval Academy, Annapolis, Maryland, 1979
- M.S., Civil Engineering, University of Colorado, Boulder, Colorado, 1984
- M.A., National Security and Strategic Studies (with distinction), Naval War College, Newport, Rhode Island, 1993

3. Academic experience – institution, rank, title, when, full time or part time

- Virginia Military Institute (VMI), Visiting Professor, 2011- present
- Wachmeister Chair, Physical Sciences and Engineering, 2012 - Present

4. Non-academic experience – company or entity, title, brief description of position, when, full time or part time

- United States Navy, Chief of Civil Engineers and Commander Naval Facilities Engineering Command. Commanded 18,000 person worldwide organization performing facilities planning, design, construction, environmental remediation and compliance, real estate management, public/private partnerships and operations and maintenance of infrastructure valued at \$127 billion. Responsible for \$1 billion operating budget and \$16 billion in annual business volume. 2006-2010. Full time. Prior to 2006 led Navy units conducting overseas contingency operations and managed Navy/Marine Corps physical plant construction, operation, and maintenance. Positions included: Director Ashore Readiness on the Staff of the Chief of Naval Operations; Commander, U.S. Support Group East Timor, Commander, 30th Naval Construction Regiment, Commander, Naval Mobile Construction Battalion ONE, and Officer in Charge of Construction, Caribbean Area. 1979-2006. Full time.
- Board of Directors, Watts Constructors, LLS since 2016

5. Certifications or professional registrations

- Professional Engineer, (Civil) Commonwealth of Virginia, No. 0402015709 since 1984
- Residential Energy Auditor, No. 56, since 2010

6. Current membership in professional organizations

- American Society of Military Engineers

7. Honors and awards

- American Society of Military Engineers (SAME), President, 2008-2009, Fellow, 2010
- Rodney D. Chipp Memorial Award, Society of Woman Engineers, for commitment to mentoring and promoting women in engineering, 2009

8. Service activities

- Navigators college ministry. Conduct bible studies and provide mentorship to VMI Cadets through Grace Presbyterian Church, Lexington, VA

9. Publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

- As Chief of Civil Engineers delivered over 50 presentations concerning leadership in engineering and facilities construction/services to civic, government, and industry audiences from dozens to over 1000. Examples include the National Small Business Conference, the Association of General Contractors, the American Society of Civil Engineers, the Society of American Military Engineers, and the Society of Woman Engineers. Also called upon to brief members of Congress, Congressional staffs, the Chief of Naval Operations and senior Department of Defense officials on construction and engineering issues.

10. Most recent professional development activities

- Revised curriculum and taught Construction Methods and Management, Project Management, and Civil Engineering Design/Capstone at the Virginia Military Institute