

Dr. Jocelyn M Seng is a recently retired U.S. Air Force Reserve Major General, with more than 30 years of progressively broader roles in the Department of Defense science, technology, and engineering community. Her last assignment was as the Mobilization Assistant to the Commander and President, Air University, Maxwell Air Force Base. Her responsibilities included providing full spectrum education, research, and outreach at every level through professional military education, professional continuing education, and academic degree granting. She assisted in leading the intellectual and leadership center of the U.S. Air Force, graduating more than 50,000 resident and 120,000 non-resident officers, enlisted, and civilian personnel each year. In her prior position, she was the Mobilization Assistant to the Military Deputy, Office of the Assistant Secretary of the Air Force for Acquisition, the Pentagon.



Dr. Seng has concurrently maintained a parallel civilian career, which included over 10 years as a patent-holding Senior Scientist at Owens Corning. For the past twelve years, Dr. Seng has consulted on national security strategy, as a Research Staff Member at the Institute for Defense Analyses. She has planned and completed approximately 10+ studies and assessments in areas that include cyberspace; missile defense; nuclear weapons programs; militarily critical technologies; science, technology, engineering workforce management; and fifth generation aerial target emulation.

Dr. Seng graduated from Massachusetts Institute for Technology with a bachelor's and master's in mechanical engineering and from Stanford University with a doctorate in mechanical engineering. Her technical areas of expertise are in composite materials design, analysis, and manufacturing. Dr. Seng is also a distinguished graduate from the Industrial College of the Armed Forces, now referred to as the Eisenhower School, National Defense University. She is a certified DAWIA Acquisition Professional (Program Management Level III), Six Sigma Black Belt, and Registered Professional Engineer. She holds 4 patents and has over 45 publications.