



Biography

Department of the Army



Dr. Juanita M. Harris

Director,
Weapons Development and Integration Directorate
U.S. Army Aviation and Missile Research,
Development, and Engineering Center
Redstone Arsenal, Alabama



Dr. Harris was selected for Senior Executive Service in February, 2015. She serves as the Director, Weapons Development and Integration (WDI) Directorate, U.S. Army Aviation and Missile Research, Development, and Engineering Center (AMRDEC) at Redstone Arsenal, Ala. WDI conducts research, exploratory and advanced development, technology demonstrations, and provides engineering and scientific expertise in all aspects of weapon system design, development, improvement and integration for the Army. WDI is responsible for integration of these weapon systems onto both manned and unmanned platforms, serves as a life cycle management enterprise for Department of Defense missile technology and supplies key essential engineering support to our customers for these weapon systems.

CAREER CHRONOLOGY:

- February 2015 – Present: Director, Weapons Development and Integration Directorate, U.S. Army Aviation and Missile Research, Development, and Engineering Center's Engineering Directorate, Redstone Arsenal, Ala.
- August 2012 – February 2015 - Deputy Director for the Aviation Development Directorate (ADD), U.S. Army Aviation and Missile Research, Development, and Engineering Center's Engineering Directorate, Redstone Arsenal, Ala.
- September 2008 - August 2012 –Technical Management Division Chief, Project Management Office for Unmanned Aircraft Systems (PM UAS), PEO Aviation, Huntsville, Ala.
- February 2007 – September 2008 – Director and Engineering Analysis Directorate, U.S. Army Space and Missile Defense Command (SMDC), Huntsville, Ala.
- January 2005 – February 2007 - Principal Systems/Integration Engineer, UAS Program Management Office supporting the Extended Range/Multi-Purpose (ERMP) UAV, SDI Inc., Huntsville, Ala.

- April 2004 – January 2005 - Principal Systems/Integration Engineer, Cruise Missile Defense System (CMDS) Program Management Office, CAS, Inc., Huntsville, Ala.
- June 1991 – April 2004 - Senior Lead Engineer – Comanche Systems/Software Engineering & Integration, General Dynamics Advanced Information Services (GD-AIS) (formerly Veridian), Huntsville, Ala.
- May 1988 – June 1991 - Senior Electronics Engineer, Boeing (formerly McDonnell Aircraft Company), St. Louis, MO
- Nov. 1986 – May 1988 – Software Engineer, Mystech Associates and Structured Technology, New London, Ct.
- May 1985 – May 1986 – Electronics Engineer, Boeing, Saint Louis, Mo.

COLLEGE:

- PhD, Management in Organizational Leadership, University of Phoenix, 2011
- MS, Computer Resources and Information Systems Management, Webster University, 1994
- BS, Computer Engineering, University of Illinois, 1985

SIGNIFICANT TRAINING:

- Defense Acquisition University Executive Leadership Program, 2013
- Leadership Huntsville/Madison County, Leadership 25 and Focus 24, 2012
- Leadership Huntsville/Madison County, Mentoring with Leadership 26, 2012-2013
- Corporate Leadership Development, Veridian, Bolger Center, 2003

CERTIFICATIONS:

- Defense Acquisition Workforce Improvement Act (DAWIA) Level III, Systems Engineering Acquisition
- DAWIA Level I, Program Management

AWARDS AND HONORS:

- Women of Color Professional Achievement Award – Government, October 2016
- Dred Scott Freedom Award (Inaugural Event), Military Achievement, December 2015
- WEDC, Women Honoring Women Recipient for Technical Category, September 2015
- Certificate of Appreciation for Outstanding Support to PEO Aviation, 2008-2012
- Alumni Leadership Award, Black Engineer of the Year Award (BEYA) STEM, May 2012
- Black Engineer of the Year Award (BEYA) STEM Science Spectrum Trailblazer, Dec 2011
- Team SLAMRAAM Certification of Appreciation, January 2005
- Comanche Program Performance Award, General Dynamics, February 2004
- General Dynamics Achievement Incentive Award, September 2003
- Comanche Aggressive Commitment to Excellence (ACE) Performance Award, April 2003
- Veridian Engineering Gorilla Incentive Award, September 2002

MAJOR PUBLICATIONS:

- Harris, J. (2011). A Mentorship Study of Women in the Department of Defense Acquisition Sector, Doctoral Dissertation, Proquest Database, ISBN 9781124760711.
- Harris, J. (2009-2012). Eyes Beyond the Horizon, Technical Management Division Corner, Unmanned Aircraft Systems Project Office, Quarterly Magazine

- Harris, J. (1994). Comanche Software Management Indicators Tutorial, Rail Company.
- Madigan D., Harris J., Grover, and Grover (1997), RAH-66 Comanche Hardware and Software Processing Architecture, Army RD&A, May-June

MAJOR INITIATIVES AND INVITED SPEAKING ENGAGEMENTS:

- Event: Intermediate Leader Investment for Tomorrow (iLIFT) Program Speaker, 15 September 2016 – Topic: Building Effective Resumes and Career Guidance Topics
- Event: Tennessee State University (TSU), 8 September 2016 – Topic: AMRDEC STEM Outreach Presentation
- Event: Women's Economic Development Council (WEDC) Leadership Training Luncheon, 11 August 2016 – Topic: Challenge is the Crucible for Greatness
- SES Champion, AMRDEC Center-wide Mentoring Initiative Program, 2014-Present
- Event: Leadership Huntsville/Madison County – Leadership Class 29 Graduation Key Note Speaker, 4 May 2016 – Topic: Exemplary Leadership and Service Attitude
- Event: 2016 AUSA Missile Symposium, 19 April, 2016 – Topic: Maximizing Innovative Technology and Transition to the Warfighter
- Event: Program Manager's Course, PMT 401, 22 March 2016 – Topic: Leading Technology Innovations
- Event: Leadership Huntsville/Madison County, Performance Management Day with Leadership Management Academy, 16 March 2016 – Topic: Leadership Communications
- Event: Huntsville Businesses Networking and Mentoring Engagement, 11 November 2015 - Topic: Mentoring Successes and Lessons Learned (Round table discussions and mentor presentations) [Businesses involved: National Contract Management Association (NCMA), Association of Proposal Management Professionals (APMP), Armed Forces Communications and Electronics Association (AFCEA), and Project Management Institute (PMI)]
- Event: Girls Science and Engineering Day at UAH, Opening Remarks, 17 October 2015
- Event: Tech Trek, a residential STEM camp for rising 8th grade girls, held June 21-27 at UAH, 27 June 2015 - Topic: Mentoring
- Event: "Taking the Pentagon to the People" at NC&AT State University, 8-10 June 2015 - Topic: AMRDEC Partnering and Opportunities
- Event: North Alabama Chapter of Federally Employed Women (FEW) Networking Group, 28 May 2015, - Topic: Effective Resume Writing
- Event: Huntsville Aerospace and Marketing Association (HAMA), Guest Speaker, 8 May 2015 – Topic: Building Partnerships
- Event: Delta Academy, "Phenomenal Woman...That's You", at Progressive Union Family Life Center, 5 May 2015 - Topic: Achieving your career aspirations
- Event: AMCOM, Women Leading with Purpose, Passion, & Professionalism, Bob Jones Auditorium, 2 April 2015 - Topic: Mentoring