

ASTRONAUT BIOGRAPHY



National Aeronautics and Space Administration

Lyndon B. Johnson Space Center
Houston, Texas 77058

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Serena Auñón-Chancellor

(M.D.) NASA Astronaut

Summary:

Dr. Serena M. Auñón-Chancellor began working with NASA as a Flight Surgeon in 2006. In 2009, she was selected as a NASA astronaut. During her NASA career, Dr. Auñón-Chancellor spent more than nine months in Russia supporting medical operations for International Space Station crew members in Star City. She also served as Deputy Crew Surgeon for STS-127. Board certified in both Internal and Aerospace Medicine, Dr. Auñón-Chancellor currently handles medical issues for both the Commercial Crew and International Space Station Operations branch.

Personal Data:

Born on April 9, 1976, in Indianapolis, Indiana. Considers Fort Collins, Colorado, to be her hometown. Recreational interests include basketball, softball, martial arts, cricket, hiking and jet skiing. Married to Jeff Chancellor of Houston, Texas. They have a daughter, Serafina Chancellor.

Education:

Graduated from Poudre High School, Fort Collins, Colorado in 1993. Received a Bachelor of Science in Electrical Engineering from The George Washington University, Washington, D.C., in 1997 and a Doctorate of Medicine from The University of Texas - Health Science Center at Houston in 2001. Completed a three-year residency in internal medicine at The University of Texas Medical Branch (UTMB) in Galveston, Texas, in 2004, and then completed an additional year as Chief Resident in the Internal Medicine Department in 2005. She also completed an aerospace medicine residency at UTMB as well as a Master of Public Health in 2007. She is board certified in Internal and Aerospace Medicine.

Experience:

Dr. Auñón-Chancellor came to Johnson Space Center in August 2006, employed as a Flight Surgeon under the UTMB/Wyle Bioastronautics contract. She spent more than nine months in Russia supporting medical operations for International Space Station crew members in Star City, including water survival training in the Ukraine. Dr. Auñón-Chancellor served as the Deputy Crew Surgeon for STS-127. She also held the role of Deputy Lead for Orion - Medical Operations.

NASA Experience:

Dr. Auñón-Chancellor was selected in July 2009 as one of 14 members of the 20th NASA astronaut class. She graduated in November 2011 from Astronaut Candidate Training, which included scientific and technical briefings, intensive instruction in space station systems, spacewalks, robotics, physiological training, T-38 flight training and water and wilderness survival training. She spent 2 months in Antarctica from 2010 to 2011 searching for meteorites as part of the ANSMET expedition. Most of that time was spent living on the ice 200 nautical miles from the South Pole. In June 2012, Dr. Auñón-Chancellor operated the Deep Worker submersible as part of the NEEMO 16 mission. She subsequently

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Serena M. Aunon

served as an Aquanaut aboard the Aquarius underwater laboratory during the NEEMO 20 undersea exploration mission. Currently, Dr. Auñón-Chancellor spends most of her time handling medical issues for both the International Space Station Operations branch and Commercial Crew Branch. She is also certified as an International Space Station CAPCOM and served as the lead Capcom for the SpaceX-4 and SpaceX-8 cargo resupply missions.

Awards/Honors:

United States Air Force Flight Surgeons Julian Ward Award (2009), Outstanding UTMB Resident Award (2007), William K. Douglas Award (2006), Alpha Omega Alpha Honor Society (2005), Thomas N. and Gleaves James Award for Excellent Performance by a Third-Year Resident in Internal Medicine (2004).

Organizations:

American College of Physicians; American College of Preventive Medicine; Alpha Omega Alpha Medical Honor Society; Aerospace Medical Association and Tau Beta Pi; The National Engineering Honor Society

Pronunciation:

SUH-ree-nuh ON-un