

Dr. John M. Grunsfeld, Associate Administrator

Dr. John M. Grunsfeld was named Associate Administrator for the Science Mission Directorate at NASA Headquarters in Washington, D.C. in January 2012. He previously served as the Deputy Director of the Space Telescope Science Institute in Baltimore, MD, managing the science program for the Hubble Space Telescope and its partner in the forthcoming James Webb Space Telescope. Dr. Grunsfeld's background includes research in high energy astrophysics, cosmic ray physics and in the emerging field of exoplanet studies with specific interest in future astronomical instrumentation.



John Grunsfeld joined NASA's Astronaut Office in 1992. He is veteran of five space shuttle flights, having visited Hubble three times as an astronaut, performing a total of eight spacewalks to service and upgrade the observatory. He logged over 58 days in space on five shuttle missions, including 58 hours and 30 minutes of spacewalk time. He first flew to space aboard Endeavour in March 1995 on a mission that studied the far ultraviolet spectra of faint astronomical objects using the Astro-2 Observatory. His second flight was aboard Atlantis in January 1997. The mission docked with the Russian space station Mir, exchanged U.S. astronauts living aboard the outpost, and performed scientific research using the Biorack payload. Dr. Grunsfeld flew on three more shuttle missions - Discovery in December 1999, Columbia in March 2002 and Atlantis in May 2009 -- that successfully serviced and upgraded the Hubble Space Telescope. He served as the payload commander on the 2002 mission and lead spacewalker in charge of Hubble activities on the 2009 flight. In 2004 and 2005, he served as the commander and science officer on the backup crew for Expedition 13 to the International Space Station.

Dr. Grunsfeld graduated from the Massachusetts Institute of Technology in 1980 with a bachelor's degree in physics. Returning to his native Chicago, he earned a master's degree and, in 1988, a doctorate in physics from the University of Chicago using a cosmic ray experiment on space shuttle Challenger for his doctoral thesis. From Chicago, he joined the faculty of the California Institute of Technology as a Senior Research Fellow in Physics, Mathematics and Astronomy

For Grunsfeld's NASA astronaut biography, visit: [□ http://www.nasa.gov/home/hqnews/2011/dec/HQ_11-396_Grunsfeld.html](http://www.nasa.gov/home/hqnews/2011/dec/HQ_11-396_Grunsfeld.html) [□ http://www.jsc.nasa.gov/Bios/htmlbios/grunsfel.html](http://www.jsc.nasa.gov/Bios/htmlbios/grunsfel.html)

For more information about NASA's Science Mission Directorate, visit: [□ http://nasascience.nasa.gov](http://nasascience.nasa.gov)