

ANDREA K. DUPREE is a Senior Astrophysicist at the Smithsonian Astrophysical Observatory which forms a part of the Harvard-Smithsonian Center for Astrophysics in Cambridge, Massachusetts. This is the largest research institute dedicated to astronomy and astrophysics in the world. She received the BA degree from Wellesley College and the Ph.D. degree from Harvard University in Astrophysics.

Dupree is an internationally recognized leader in stellar physics and ultraviolet astronomy. Her research currently focuses on cool stars like the Sun and their planets to understand how they are born and how they evolve. She uses large telescopes on the ground and in space, combined with theoretical calculations to analyze spectra from the stars. Dupree led the team to obtain the first image of the surface of a star other than the Sun using the Hubble Space Telescope. She recently discovered fast hot winds from very young stars, which could profoundly affect their evolution and the environment of surrounding planets.

Dupree has published several hundred scientific papers and articles and edited several books. She has been involved in the design of several satellites. She is a Past-President of the American Astronomical Society, the major scientific organization of over 7000 professional astronomers in the United States, Canada, and Mexico. She has served on and led many committees of the US National Academy of Sciences, NASA, AURA, and others to determine the future course of astronomical research in the United States and other countries. She held the position of Associate Director of the Harvard-Smithsonian Center for Astrophysics - the first woman and youngest person in that position and served as Head of the Solar and Stellar Physics Division for a decade (now the Solar, Stellar, and Planetary Physics Division).

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