

## Nota Biográfica

Amy R. Pritchett is the director of the Cognitive Engineering Center, which seeks to expand research and education in cognitive engineering within the College of Engineering. This discipline focuses on the design and operation of interactive technology to support human cognitive performance. Pritchett's research has developed intelligent flight deck systems, new methods of modeling air traffic operations, UAV ground control stations, and decision aids for mission planners and airline operators. She has also applied these design methods to educational technology. She joined the Guggenheim School of Aerospace Engineering faculty at the Georgia Institute of Technology in 1997, where she holds a joint appointment in the School of Industrial and Systems Engineering. In 2002, Pritchett was also a Senior Technical Fellow of Technische Universiteit Delft in The Netherlands. In 2008-2009, Pritchett served via an Intergovernmental Personnel Agreement (IPA) as Director of NASA's Aviation Safety Program. In this position she was responsible for planning and execution of the program across multiple NASA research centers. Pritchett is a member of the FAA Research, Engineering and Development Advisory Committee (REDAC), in which she also chairs the sub-committee on Human Factors. She has served in numerous other leadership roles, including as technical program chair and program committee member for the Annual Meeting of the Human Factors and Ergonomics Society and the IFAC/IFIP/IFORS/IEA Symposium on Analysis, Design, and Evaluation of Human-Machine Systems. Currently, Pritchett also serves as reviewer or consultant to several GAO and NRC reviews of various aviation programs in cognitive engineering, human factors, and air transportation.