

DR. SHERRIE L. ZACHARIUS

VICE PRESIDENT

TECHNOLOGY AND LABORATORY OPERATIONS



Dr. Sherrie L. Zacharius is vice president of Technology and Laboratory Operations at The Aerospace Corporation. She is responsible for more than 300 scientists and staff in the Electronics and Photonics, Space Materials, and Space Science Applications Laboratories. Research on topics including space materials, propulsion, remote sensing, batteries, solar cells, and the space environment is conducted in these labs. She is responsible for corporate technical strategic planning efforts, and also manages the Aerospace Technical Investment Program, which includes the corporation's Independent Research and Development budget. Zacharius was appointed to the position of vice president on December 9, 2011.

Before assuming her current role, Zacharius served as general manager, Physical Sciences Laboratories, from 2007 to 2011. Prior to that, she supported the Global Positioning System as principal director of User Systems in the Navigation Division. In this role she was responsible for leadership and management of Aerospace resources used in the development of military user equipment, satellite operations, and the Nuclear Detonation Detection Systems within the Global Positioning System Joint Program Office.

Zacharius joined Aerospace as a member of the technical staff, Material Sciences Laboratory, in 1982.

In addition to her research and management background in the laboratories, Zacharius has been involved in both independent research and development and staff planning activities across the corporation. She has also published papers on space applications of polymers and composites.

The Aerospace Corporation is an independent, nonprofit organization dedicated to the objective application of science and technology toward the solution of critical issues affecting the nation's space program.

Education

Zacharius earned a bachelor's degree in chemical engineering from Tufts University. She received her Ph.D. in polymer science and engineering from the University of Massachusetts, Amherst.

Affiliations

Zacharius is an Associate Fellow of the American Institute for Aeronautics and Astronautics, and is a member of the Aeronautics and Space Engineering Board, the Tau Beta Pi Honor Society, and Women in Aerospace. She is currently serving on her third independent review panel for the Department of Energy and recently served as chair of the Science and Technology Reviews for the Air Force Scientific Advisory Board.

Honors and Awards

In 2017, Zacharius received the Chief of Staff of the Air Force Award for Exceptional Public Service, for outstanding support to the Air Force Scientific Advisory Board.

The Aerospace Corporation
P.O. Box 92957
Los Angeles, CA 90009-2957
310.336.5000
www.aerospace.org

To schedule an interview, contact
mediaqueries@aero.org
Follow us on Twitter: @AerospaceCorp