



DR. DARRYLL J. PINES

**Dean and Farvardin Professor
A. James Clark School of Engineering
University of Maryland**

Dr. Pines joined Aurora's Board of Directors in 2014.

Darryll J. Pines has served as Dean and Nariman Farvardin Professor of Aerospace Engineering at the University of Maryland's A. James Clark School of Engineering since January, 2009. He arrived at the Clark School in 1995 as an assistant professor and served as chair of the Department of Aerospace Engineering from 2006 to 2009.

As Dean, Pines has led the development of the Clark School's current strategic plan and has achieved notable successes in key areas such as improving teaching in fundamental undergraduate courses and raising student retention; achieving success in national and international student competitions; giving new emphasis to sustainability engineering and service learning; promoting STEM education among high school students; increasing the impact of research programs; and expanding philanthropic contributions to the school. At a national level, he has led an effort as part of the American Society for Engineering Education-ASEE Deans Council's K-12 STEM Committee to develop a potential College Board AP Exam in Engineering. He is the current Secretary on the Executive Committee of the National GEM Consortium, a national non-profit providing programming and full fellowships to support increasing untapped domestic human capital at the graduate level in STEM fields.

Under his leadership, the Clark School's research expenditures have reached a record high and the school is ranked 16th worldwide by the Academic Ranking of World Universities. During Pines' leadership of aerospace engineering, the department was ranked 8th overall among U.S. universities and 5th among public schools in the U.S. News and World Report graduate school rankings.

Pines' current research focuses on structural dynamics, including structural health monitoring and prognosis, smart sensors, and adaptive, morphing and biologically-inspired structures, as well as the guidance, navigation, and control of uninhabited aerospace vehicles. He is a fellow of the Institute of Physics, the American Society of Mechanical Engineers and the American Institute of Aeronautics and Astronautics, and has received an NSF CAREER Award.