

Dr. Mark Lewis – President and CEO, Purdue Applied Research Institute

Previous positions:

- Founding Executive Director of NDIA's Emerging Technologies Institute,
- Director of Defense Research & Engineering,
later acting Deputy Under Secretary (Research & Engineering)
- Director of the IDA Science and Technology Policy Institute
- President of American Institute of Aeronautics and Astronautics
- Chief Scientist of the U.S. Air Force
- University of Maryland
 - Currently Professor Emeritus
 - Willis Young, Jr., Professor and Chair of Aerospace Engineering

Research background:

- Hypersonic aerodynamics, especially shock and leading-edge physics
- Advanced propulsion and integration
- Vehicle design and optimization
- Gas turbine engines

PARI Mission and Goals

Mission: Leverage Purdue's renowned strengths in science and engineering to advance technology and provide innovative solutions that:

- Enhance national security
- Address infrastructure challenges and needs
- Contribute to global food and economic security

Goals:

- Sustainability by 2026 (i.e. already 2 years into our 5-year plan)
- Recognized leadership in key areas of hypersonic testing, energetics, infrastructure, secure microelectronics, high temperature materials, and global development
- Functional research enterprise with dedicated staff
- Close relationships with NSWC, AFRL, TRMC, USAID
- Footprint at Crane/Westgate, in addition to campus and HARF

Hypersonics and Applied Research Facility



Grand Opening Tuesday June 6, 2023

