



Department of Mechanical Engineering
Ben-Gurion University of the Negev

Pearlstone Center for Aeronautical Engineering Studies

About the Pearlstone Center

The Pearlstone Center of Aeronautical Engineering Studies was established in 1983.

Its aim is to promote aeronautical and space studies within the Faculty of Engineering Sciences.

The center supports research of its members in related areas such as:

- Shock wave reflections and interactions in steady, Pseudo-steady and unsteady flows.
- Computational fluid dynamics – CFD.
- Instability of composite plates and shells.
- Propagation and stability of strong shocks in gases and solids.
- Heat and mass transfer.

The center also promotes research and studies by supporting the purchase of laboratory equipment, visitors, students' projects, and related conferences.

The Pearlstone Family

Jack H. Pearlstone

Jack Pearlstone (1918-1982), whose name the Center bears, was a national leader in real estate development and an activist in community affairs. Yet, he always had time for his fellow human being – he was always there to give a hand where needed.

A native of Dallas, Mr. Pearlstone graduated from Rice University in 1939 and earned a Master's degree in business administration at Harvard University in 1941. His illustrious career began in Baltimore, where he worked for an aircraft company.

Mrs. Ann Pearlstone and Mr. Richard Pearlstone of Baltimore, wife and son of the late Jack H. Pearlstone, Jr., through their vision and foresight, established the Center for Aeronautical Engineering Studies at the Ben-Gurion University of the Negev in 1983.