

Biographical Description for The HistoryMakers® Video Oral History with Darryll Pines

PERSON

Pines, Darryll J. (Darryll John)

Alternative Names: Darryll Pines;

Life Dates: August 28, 1964-

Place of Birth: Oakland, California, USA

Residence: Clarksville, Maryland

Work: College Park, Maryland

Occupations: Aerospace Engineer; Mechanical Engineer

Biographical Note

Aerospace engineer and mechanical engineer Darryll Pines was born on August 28, 1964 in Oakland, California. received his B.S. degree in mechanical engineering from the University of California, Berkeley. He went on to receive advanced degrees in mechanical engineering from Massachusetts Institute of Technology, his M.S. degree in 1988 and his Ph.D. degree in 1992.

Pines worked for the Chevron Corporation and Space Tethers, Inc. before joining Lawrence Livermore National Laboratory (LLNL)'s Advance Technology Program. At LLNL, he helped design the sensor technology of Clementine-1 spacecraft. In 1995, Pines joined the faculty of the University of Maryland (UMD) as an assistant professor. He became the director of UMD's Sloan Scholars Program in 1996 and the director of the GEM Program in 1999. Pines has also served as chair of the Engineering Council, director of the NASA CUIP Program and director of the SAMPEX flight experiment. He took a leave of absence from 2003 to 2006 to serve as the program manager for the Tactical Technology Office and Defense Sciences Office of DARPA (Defense Advanced Research Projects Agency). In 2006, Pines became chair of UMD's Department of Aerospace Engineering, where under his leadership, the department was ranked eighth overall among United States universities. Three years later, he was named dean of the A. James Clark School of Engineering and the Nariman Farvardin Professor of Engineering. Pines' research focuses on structural dynamics, smart sensors, biologically inspired structures as well as the guidance and control of aerospace vehicles.

Pines was named a fellow of the Institute of Physics, the American Society of

Mechanical Engineers and the American Institute of Aeronautics and Astronautics. He has received the NACME Alumni Circle Award and a National Science Foundation CAREER Award.

Darryl Pines was interviewed by The HistoryMakers on July 13, 2012.

Related Entries

University of California, Berkeley [STUDENTOf]
[from ? to ?]

B.S.

Massachusetts Institute of Technology [STUDENTOf]
[from ? to ?]

M.S.

Massachusetts Institute of Technology [STUDENTOf]
[from ? to ?]

Ph.D.

Lawrence Livermore National Laboratory [EMPLOYEEOf]
[from 1977 to ?]

Advanced Technology Program Researcher

University of Maryland, College Park [EMPLOYEEOf]
[from 1995 to 2006]

Assistant Professor

University of Maryland, College Park [EMPLOYEEOf]
[from 1973 to ?]

Chair of the Department of Aerospace Engineering

University of Maryland, College Park [EMPLOYEEOf]
[from 1968 to 1969]

Dean and Nariman Farvardin Professor of Engineering at the Clark School

American Institute of Aeronautics and Astronautics (AIAA) [MEMBEROf]
[from 1988 to ?]

Fellow

American Society of Mechanical Engineering [MEMBEROf]
[from 1995 to ?]

American Helicopter Society (AHS) [MEMBEROf]
[from 1996 to ?]

Member

Society of Photographic Instrumentation Engineers (SPIE) [MEMBEROf]
[from 1998 to ?]

Member

National Research Council [MEMBEROf]
[from 2000 to ?]

Fellow

Institute of Navigation [MEMBEROf]
[from 2006 to ?]

Member

Engility, LLC [MEMBEROf]
[from 2012 to ?]

Board Member