

Daniel C. Davis, Ph.D.

Texas A&M University, College Station, TX 77843
Tel: 979-845-8152; Fax: 979-862-7087
e-mail: davis@aero.tamu.edu



A. Professional Preparation

Degree	Year	University	Major
Ph.D.	1981	Rensselaer Polytechnic Institute	Mechanics
M.S.	1974	Union College	Engineering Mechanics
B.S.	1969	Pennsylvania State University	Engineering Mechanics

B. Appointments

2002-present	Dep Director TiiMS Institute, Research Faculty Professor, Aerospace
2000-2002	Dean, College of S&T, Texas Southern University
1999-2000	Program Officer, National Science Foundation
1996-1999	Associate Dean, College of Engineering, NJIT
1983-1996	Director, Minority Engineering Program, Prof, Eng Mech, Penn State
1994-1996	Program Office, National Science Foundation
1981-1983	Professor, Mechanical Eng, Temple University
1969-1981	Engineer, General Electric Company
1970-1972	Lieutenant, US Army

C. Selected Peer Reviewed Publications (Most Closely Related to the Proposed Project):

1. B-Staged Epoxy/SWCNT Nanocomposite Thin Films for Composites Reinforcement, Polymer Composites, Warren GL, Sun L, Hadjiev VG, Lagoudas D and Sue H-J, submitted
2. Mechanical properties of surface functionalized SWCNT/epoxy composites, with Luyi Sun, Warren GL, Lee SM, O'Reilly JY, Lagoudas D, and Sue H-J, Carbon 46 (2008), 320 -28
3. Spectroscopic Imaging of Polymer Nanocomposites containing Carbon Fillers, with Hadjiev VG, Lagoudas DC and Strong K. Proceedings, SAMPE Fall Technical Conference and Exhibition, Oct 29-Nov 1, 2007, Cincinnati.
4. Highly-Ordered Uniform Single-Crystal Bi Nanowires: Fabrication and Characterization, with Bisrat Y, Luo ZP, Lagoudas D. Nanotechnology 18 (2007) 395601.
5. Buckling Instabilities of Octadecylamine Functionalized Carbon Nanotubes Embedded in Epoxy, with Hadjiev VG, Lagoudas DC. Composites Science and Tech 66 (2006) 128-36.

D. Synergistic Activities

Amer. Society of Mechanical Engineers (ASME), Member, 1972-current; Fellow, 2002-present
Congress Technical Program Committee, 2006-07, General Chair, 2007

Congress Technical Program Committee, 2005-06, Chair, 2006

Materials Division Executive Committee, 1999-2004, Chair, 2003- 04

Nadai Medal Selection Committee, Chair, 2003-04

Materials Division, Metallic Materials Technical Committee Chairman, 1995-99

PVP Division, Materials and Fabrication Committee, 1991-present

Materials and Structure Technical Group, Board Member at Large, 1998-present

South Texas Section, Executive Committee, Secretary, 2003-04

National Science Foundation:

Member, Advisory Committee, Div of Mechanical and Structural Systems (MSS), 1992-93

Panel Reviewer, Education and Human Resources Directorate, 1991

Panel Reviewer, Engineering Education and Centers Division, 1990-93, 1997-present

Panel Reviewer, Mechanics and Materials Program, 1990- 93, 1996-present

Blue Ribbon Panel Member, Earthquake Engineering Research Center Program, 1997

Air Force Office of Scientific Research Materials Review Panel, 2004-present