

# Profile

- ▶ [Faculty List](#)
- ▶ [Faculty by Lab](#)
- ▶ [Research Labs](#)
- ▶ [PI Request for Research Proposal \(certificate required\)](#)

[Home](#) › [Faculty & Research](#) › [Faculty List](#) › Paul A. Lagace



## Paul A. Lagace

PROFESSOR OF AERONAUTICS AND ASTRONAUTICS  
PROFESSOR OF ENGINEERING SYSTEMS  
MACVICAR FACULTY FELLOW

### Contact

Department of Aeronautics and Astronautics  
33-310  
Massachusetts Institute of Technology  
77 Massachusetts Avenue, Cambridge, MA 02139

(617) 253-3628  
[pal@mit.edu](mailto:pal@mit.edu)

### Academic Degrees

S.B., 1978, Massachusetts Institute of Technology S.M., 1979,  
Massachusetts Institute of Technology Ph.D., 1982, Massachusetts  
Institute of Technology

### Honors and Awards

Hertz Fellow, 1978 -82; Sigma XI; Tau Beta Pi; Sigma Gamma Tau;  
Department Undergraduate Teaching Award 1988 -89; Baker Teaching  
Award 1990; Fellow, American Institute of Aeronautics and  
Astronautics; von Karman Award, Israel Society of Aeronautics and  
Astronautics, 1995; MacVicar Faculty Fellow, 1995 - present;  
Department Undergraduate Teaching Award, 1989; Department  
Advising Award, 1995 and 1998; 1997 L.P. Coombs Award of the  
Institute of Engineering, Australia; ASTM Stinchcomb Award, 2000;  
ICCM World Fellow of Composites; Fellow, American Society for  
Composites; ASTM International Award of Merit, 2007; Fellow,  
American Society for Testing and Materials International

### Society Memberships

American Institute of Aeronautics and Astronautics; Society for the  
Advancement of Materials and Process Engineering; American Society  
for Testing and Materials American Society for Composites, Founding  
Member; American Society for Engineering Education

### Positions Held at MIT

Co-Director, Leaders for Manufacturing/System Design and  
Management Programs, 1998 - 2003; Associate Director, Engineering  
Systems Division, 1999 - 2001; Director, Technology Lab for Advanced  
Composites, 1986 - present; Assistant Professor, 1982 -1986;  
Associate Professor, 1986 -1994; Department Executive Officer, 1990 -  
1991; Acting Department Head, Summer 1991; Professor 1994 -  
present

### **Specialization and Research Interests**


Composite Materials and their Structures, Fracture, Longevity, and Damage Tolerance, Manufacturing, Generic Systems Applications, Engineering Systems

### **Teaching Interests**

Aerospace Structures, Solid Mechanics, Composite Materials and Structure, Design for Longevity, Systems Engineering, Manufacturing and Production Issues, Systems Thinking

### **Lab/Research Group Affiliation**

Technology Laboratory for Advanced Materials and Structures

 Massachusetts Institute  
of Technology  
02139 USA

Department of Aeronautics and Astronautics  
77 Massachusetts Avenue :: 33-207 :: Cambridge MA

Contact Us ::  
Search



[About](#) | [Academics](#) | [Admissions](#) | [Faculty & Research](#) | [Videos & Photos](#) | [News & Events](#) | [Alumni](#)