

## **CARLOS FERNÁNDEZ PELLO**

**Associate Dean, Graduate Division. University of California Berkeley**

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Almy C. Maynard and Agnes Offield Maynard Endowed Chair Professor in Mechanical Engineering, University of California, Berkeley, USA (1980-present)

Associate Dean, Graduate Division (2003-2013): The Graduate Division oversees graduate students affairs for the UC Berkeley campus. Position oversees Fellowship, Appointments and Diversity Units of the Graduate Division. (since receiving Ph.D.)

Academic background: Ph.D. (1975) y M.S. (1973) in Engineering Science, University of California, San Diego, California, Dr. Eng. in Aeronautical Engineering, Polytechnic University, Madrid, Spain, 1979.

Teaching/research: Mechanical/Aeronautical Engineer specializing in combustion, heat and mass transfer, and thermodynamics. Material flammability. Ignition and flame spread. Smoldering and transition to flaming. Wildland fire spotting and propagation. Explosive burning of droplets and boiling of liquid fuel pools. Solar energy storage. Micro-scale power generation. Department of Mechanical Engineering, University of California, Berkeley, CA 94720-1740.

### **Professional activities and service**

Member/Consultant/Reviewer: Member, Royal Academy of Engineering of Spain, Member. Fellow, American Society of Mechanical Engineering (ASME). Universities Space Research Association, Microgravity Science and Applications Council (2001-present). Center for Pure and Applied Mathematics, U.C. Berkeley, board of directors (2001-2002). NASA Space Station Science and Applications Advisory Committee, (1990-1996). Lawrence Livermore National Laboratories, (1984-1997). National Institute of Standard and Technology, Center for Fire Research, (1982-83). CI, DOE, IAFSS, NASA, NFPA, NRC, NSF.

Editorial Advisory Board: Combustion Science and Technology (1992-present), Progress in Energy and Combustion Science (1995-2006), Combustion and Flame (1994-2001). Combustion Journal (2009-2012)

### **Fellowships and awards**

Distinguish Alumnus of the University of California San Diego. Howard Emmons Lectureship of the IAFSS. Medal of “Academico Correspondiente” from the Spanish Royal Academy of Engineering. The Philip Thomas Medal of Excellence for the Best Paper at the 6th International Symposium of Fire Safety Science. Pi Tau Sigma Award for Excellence in Teaching, Department of Mechanical Engineering, U. C. Berkeley. Fellowships from the Fulbright and Juan March Foundations, the Japan Society for the Promotion of Science (JSPS) and Ministry for Industry and Technology (MITI), and the French and the Italian Centers for National Research.