

Mohammad Ali Ebadian

Name and academic rank:

Mohammad Ali Ebadian, Professor

Degrees with fields, institution and dates:

Ph.D., Mechanical Engineering, Louisiana State University, December 1981

M.S., Mechanical Engineering, University of Southwestern Louisiana, August 1977

B.S., Mechanical Engineering, Louisiana State University, December 1975

Number of years of service for this faculty, date of original appointments, and dates of advancement in rank:

27 Years

Professor (with tenure), Department of Mechanical and Materials Engineering, Florida International University, Miami, FL, 2005-present

Professor and Chairperson, Florida International University, 1990–1996

Professor, Florida International University, 1990 – Present

Associate Professor, Florida International University, 1987 –1990

Other related experience:

Sabbatical, 2004-2005. He relocated to Washington, DC to work with the Gas Technology Institute (GTI).

Director, Hemispheric Center for Environment Technology (HCET), 1996- 2003

Researcher, Oak Ridge National Laboratory, Oak Ridge, TN, 05/87 – 09/87

Researcher, Cornell University, Ithaca, NY, 05/86 – 09/86

Associate Professor, Southern University, Baton Rouge, LA, 09/83 - 05/87

Assistant Professor, Southern University, Baton Rouge, LA, 1978 - 1983

Consulting, patents, etc.:

Mobile Integrated Piping Decon. & Characterization System (Patent Pending)

PCB Contaminated Coatings Treatment System (Patent Pending)

High Performance Information Knowledge & Expertise Repository (Patent Pending)

States in which registered: Florida

Principal publications (Last five years):

K. Moradi, M.A. Ebadian and C.X. Lin K. Moradi, M.A. E

A Review of PV/T Technologies: Effects of Control Paramet

A Review of PV/T

International Journal of Heat and Mass Transfer International Jour

September 2013

M.A. Ebadian and C.X. Lin

M.A. Ebadian anc

High Heat Flux Removal Technologies

High Heat Flux Re

ASME Journal Of Heat Transfer

ASME J ournal Of

June2011

C. Ghenai, A. Mudunuri, C.X. Lin, and M.A. Ebadian, "Double-Diffusive Convection During Solidification of a Metal Analog System (NH₄Cl-H₂O) in a Differentially Heated Cavity," *Experimental Thermal and Fluid Science* 8, 2003, PP.23 – 35.

Professional affiliations:

Associate Editor, *Journal of Heat Transfer* 2008–2114
Fellow, American Society of Mechanical Engineers (ASME)
Member, American Management Association (AMA)
Member, American Chemical Society (ACS)
Member, National Society of Professional Engineers (NSPE)
Member, International Society of D&D Professionals (ISDDP)

Honors and awards:

FIU Distinguished Service Award, 2002
State of Florida Service Award, presented by the Governor of Florida, 1995
FIU Presidential Award, 1995
Named Fellow of the American Society of Mechanical Engineers, 1994
University Excellence in Research Award, FIU, 1989.

Institutional and professional services in the last five years:

A member of 14 professional societies and serves on several governmental committees including the Federal Aviation Administration's (FAA) Research, Engineering and Development Advisory Committee.
A member of panels and advisory boards of the U.S. Department of Defense (DOD), U.S. Department of Energy (DOE), National Aeronautics and Space Administration (NASA), National Science Foundation (NSF) and the U.S. Environmental Protection Agency (EPA).
Invited by government agencies, universities as well as private sector to speak on various subjects.