

Omar Es-Said

Professor of Mechanical Engineering at Loyola Marymount University

Los Angeles, CA, US

Seaver College of Science and Engineering

Biography

Contact: Phone: 310.338.2829 Email: Omar.Es-Said@lmu.edu Office: Doolan Hall 207 Omar S. Es-Said is a Professor of Mechanical Engineering in the Mechanical Engineering Dept., Loyola Marymount University, Los Angeles, CA. He teaches undergraduate courses in Materials Science and Engineering, Mechanics of Materials, Metallurgy and Processes, graduate courses in Theory of Elasticity, Fracture Mechanics and Materials Selection in Design. He also works with direct undergraduate student projects and graduate research. Dr. Es - Said was the Director of the LMU Graduate Program from 1986 to 1991, an Assistant Professor from 1985-1992, and an Associate Professor from 1992-1998. Dr. Es-Said graduated with a Ph.D in Metallurgical Engineering & Materials Science with a minor in Computer Science (Numerical Analysis) (Nov. 5 1985), University of Kentucky, Lexington, KY. He graduated with a B.S., Physics with a minor in Psychology (June 1976), The American University in Cairo, Cairo, Egypt.

Areas of Expertise

Characterizations of 3D printed materials, Failure Analysis, Fracture Mechanics, Experimental Techniques

Event Appearances

Fatigue Properties of Aluminum Lithium 2195

2018 12th International Conference on Advanced Computational Engineering and Experimenting (ACEX2018)

?Can Charpy Impact Testing (High Strain Rate) Detect The Presence of Hydrogen In High Strength Steels??

Materials Technology and Manufacturing Innovations-Theme: Experimenting materials to rewrite the history

Fatigue Behavior of Aluminum Lithium Alloys

Asia Conference on Mechanical and Materials Engineering (ACMME 2019)

Education

University of Kentucky

Ph.D. Metallurgical Engineering & Materials Science; minor in Computer Science

The American University in Cairo
M.S. Solid State Physics

The American University in Cairo
B.Sc. Physics; minor in Psychology

Accomplishments

Distinguished Scientist

Distinguished Scientist for Port Hueneme Navy Base 2010-2018

Award

Obtained National Science Foundation, NASA, Navy, DOE grants, and Private Industry for a total of \$3.2 Millions

Technical Evaluator

North Atlantic Treaty Organization (NATO) invited technical evaluator 2003 & 2005

Award

Recipient of several awards starting with SAE Teetor Educational Award 1994 until 2011 Elmer L. Hann Award, The Society of Naval Architects and Marine Engineers

Associate Editor

Associate Editor of the ASM Journal of Material and Engineering Performance (2008-present)

Keynote Speaker

Plenary and keynote speaker in several conferences

[Please click here to view the full profile.](#)

This profile was created by [Expertfile.](#)