

Anthony Carmine Terracciano, US Citizen
University of Central Florida, Department of Mechanical and Aerospace Engineering
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Professional Preparation

A.A. Associate of Arts, Broward Community College, *3.890 GPA*, August 10'
B.S. Mechanical Engineering, University of Central Florida, *3.276 GPA*, May 13'
M.S. Mechanical Engineering, University of Central Florida, *3.700 GPA*, Expected Sp 14'
Ph. D Mechanical Engineering, University of Central Florida

Appointments

University of Central Florida: Graduate Teaching Assistant, August 2013 - August 2014

Fellowships

University of Central Florida, Academic Dean's Fellowship August 2013-May 2018

Research Interests

- Combustion in Porous Media
- Catalytic Combustion Processes
- Ceramics Materials Processing for Energy Applications
- Ultra High Temperature Ceramics for Reducing Environments
- Viscid and Inviscid Internal Flows
- Vaporization of Liquid Fuels
- Manufacturing of Sealing Systems
- Numerical System Analysis

Presentations

- [1] Terracciano A., Jackson J., Lundy J., Wilson J., "Kerosene Powered Porous Burner for Efficient Heat Production" ,5th Annual Senior Design Symposium on Renewable & Sustainable Energy, April 2013
- [2] Terracciano A., Jackson J., Lundy J., Wilson J., "Kerosene Powered Porous Burner for Efficient Heat Production" , University of Central Florida College of Engineering Senior Design Annual Showcase, April 2013

Synergistic Activities

- [1] Design and Development: Kerosene Powered Porous Burner, Project Manager, Aug 12' - Apr 13'
- [2] Design and Development: Vacuum Operated Wind Tunnel for Laminar and Inviscid Testing of Cylindrical Bodies, July 11'
- [3] Design and Development: Balsa Wood Bridge with 2200 fold load to mass ratio, August 2009

Advisors

Dr. Nina Orlovskaya, Department of Mechanical and Aerospace Engineering, University of Central Florida Orlando, FL
Dr. Subith Vasu, Department of Mechanical and Aerospace Engineering, University of Central Florida Orlando, FL