



College of Engineering

Fall 2014

New Faculty Research Seminar Series

Noon – 1 p.m., Prescott Hall 225

<u>Date</u>	<u>Speaker</u>	<u>Seminar Title</u>	<u>General Research Area(s)</u>
October 27 Monday	Dr. Laura H. Arias Chavez CHE	<i>Re-Designing Membranes: Electrospun Nanofibers for Control of Structure and Material Properties</i>	Green Energy Production, Decentralized and Low Energy Water Treatment, Desalination, and Reclamation of Energy and Materials from Waste Streams
November 13 Thursday	Dr. Ehsan Languri ME	<i>Microencapsulated Phase Change Materials (MPCMs) for Energy Efficiency Enhancement</i>	Energy Conservation and Storage Systems, Desalination Technologies
November 17 Monday	Dr. Hicham Chaoui ECE	<i>Adaptive Learning Based Control Design for Nonlinear Dynamic Systems under Structured and Unstructured Uncertainties</i>	Adaptive and Nonlinear Control Theory, Intelligent Control, Robotics, Mechatronics, Electric Motor Drives, Energy Storage and Management, and FPGA Implementation
November 20 Thursday	Dr. Pezhman Shirvanian ME	<i>New Concepts in PEM Fuel Cell Catalysis: Experimental and Theoretical Approach</i>	Energy Storage, Generation and Conversion Systems

Bring your own lunch; beverages and snacks to be provided.

For more information please contact the

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Clement Hall 201

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