

SBIRs and More:

Government Resources - The Missed Opportunity for Innovation

Thursday, March 30, 2017 at 6pm

Speaker: Terrisa Duenas, ASME

Location: [HUB101](#), CLU Westlake Village Center

Government resources can be the innovation game changer

Government sources intended to subsidize innovation remain unleveraged by many companies. Available resources include: National Network for Manufacturing (Manufacturing USA) institutes, US Small Business Administration (SBIR) and its University counterpart, the Small Business Technology Transfer (STTR), Broad Agency Announcement (BAA) programs. Researchers are in need of the most basic requirements. Government representatives can be overwhelmed with the variation in technology and manufacturing readiness levels (TRLs and MRLs) where size of company doesn't always scale with technology maturity. At the same time, companies are looking beyond organic growth alone for innovations and can be reluctant to deviate from their legacy manufacturing processes. The solution is to partner and pursue government resources promoting requirement exchange, evaluation of technologies against customer needs, while leveraging of government subsidized manufacturing for scale-up. Dr. Duenas will discuss her NextGen Aeronautics SBIR research with DARPA and the Air Force that resulted in a patent and the transition of the technology onto aircraft platforms as an example of leveraging government resources for innovation and other successes. Small companies will want to consider an SBIR partnership. Every company, large or small, can consider partnering with local universities to pursue STTRs. Every manufacturing company will benefit from engaging an NNMI. These collaborative efforts will result in technologies that were pulled into product rather than pushed into the "valley of death." Another valuable outcome of these partnerships is the training of our local STEM pipeline within the innovative ecosystem itself.

About Terrisa Duenas

Terrisa Duenas, PhD (UCLA 2000), PPL (2008), has worked with smart material systems and electronic devices for 25 years. Her technical experiences include work on electromagnetics, MEMS, nanodevices, and infrared detectors.

Prior to being ITW Opto Diode's Chief Scientist, she held positions at NextGen Aeronautics where she managed the SBIR and BAA research and development of materials, devices, antennas, and prototypes for aerospace and space applications for the Army, Air Force, DARPA, DOE, MDA, NASA, and the Navy. Dr. Duenas also served as Nanolnk's PI for a joint Moletronics DARPA program and led a German BMBF collaboration with Max Planck CAESAR, Infineon and Jülich to develop nanosensors for automobiles. Dr. Duenas is presently Principal Investigator for two recently awarded Army SBIRs.



WHERE [HUB101](#), Cal Lutheran Center for Entrepreneurship, 31416 Agoura Road, Westlake Village, CA 91361

COST Free! Pizza and drinks will be provided!

RSVP **Registration required at** www.ieee-bv.org/meet/2017-03-asme

If questions, contact Dennis Horwitz/ASME at CELL 805-377-9480 or asmechannelislands@gmail.com

Schedule:

- Please arrive no later than 6:00pm!
- 6:00 – 6:30pm Networking and Pizza
- 6:30 - 7:30pm Presentation

Directions from Los Angeles:

1. From 101 North, Take Exit 39 – Lindero Canyon Road
2. Right onto Lindero Canyon Road
3. Left onto Agoura Road
4. Left into parking lot at 31416 Agoura Road

Directions from Ventura:

1. From 101 South, Take Exit 39 – Lindero Canyon Road
2. Left onto Lindero Canyon Road
3. Left onto Agoura Road
4. Left into parking lot at 31416 Agoura Road

