

# USF CONNECT

## USF Technologies Showcased at Pinellas Technology & Business Innovation Exchange

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The Pinellas County Technology & Business Innovation Exchange took place on Friday, October 24, 2008 at the Tradewinds Resort in St. Pete Beach. The event, an initiative of Congressman C.W. Bill Young, featured more than 50 companies showcasing technologies from the Tampa Bay area.

Several small companies with research stemming from the University of South Florida were showcased at the event, including Alaka'i, Inc., EMS – Engineering & Manufacturing Services, Inc., Intelligent Micro Patterning, Inc., and VODA, LLC. Other past and present USF research partners included: Harris Corporation, Northrop Grumman, SAIC, Alliant Techsystems, Brycoat, Inc., Concurrent Technologies, Constellation Technologies, Custom Manufacturing & Engineering, Inc. and Lockheed Martin.

On Thursday, October 23<sup>rd</sup>, Alaka'i, Inc, graduated from the Star Tec Center in Largo and has recently completed a Florida High Tech Corridor matching grant research project with Dr. Dennis Killinger of the University of South Florida Physics department. Alaka'i is a high technology small business engaged in applied physics, spectroscopy and chemistry, R&D, engineering, prototyping, technology transition, in optical and electro-optical related technologies for standoff detection to save soldier's lives.

EMS – Engineering & Manufacturing Services, Inc. is a client of the Tampa Bay Technology Incubator at the USF Research Park of Tampa Bay. EMS provides product design, rapid prototyping and 3D scanning products and services. With six in-house rapid prototyping machines, four 3D scanning technologies and the latest CAD and reverse engineering software, EMS can bring your ideas to life.

Intelligent Micro Patterning, LLC is a USF spin-out that provides equipment for rapid prototyping of microdevices. The SF-100 allows users to miniaturize designs, down to 1 micron. Benefits of this system include faster development times, reduced cost and flexibility to process different substrates. The technology is ideal for fabrication of MEMS, biotechnology, microfluidics, RF & Microwave, and nanotechnology devices. The company is a recipient of two Florida High Tech Corridor Matching Grants for its collaboration with Dr. David Fries in USF's College of Marine Science. The company has also licensed several technologies from the College.

VODA, LLC, a USF spin-out, provides small, cost-effective, low-power sensors to industry, government, the security sector, even the consumer market, for in situ environmental /aquatic physical, biological and chemical measurements. Their technologies include MEMS, sensor arrays, miniaturized complex instrumentation (e.g. mass spectrometers), biosensor arrays, and underwater optics. The company is a licensee of technologies out of USF's College of Marine Science and in its first year has achieved revenues of \$750,000.