



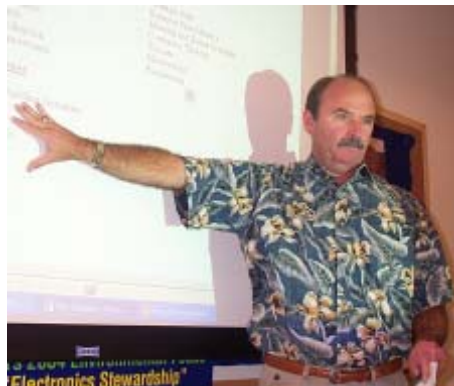
## Far West Explores Collaboration with Federal Network for Sustainability (FNS)

Kurt Buehler, Regional Coordinator for the FLC Far West Region, is working with Alan Hurt, Chairman of the Federal Network for Sustainability (FNS) to explore the possibilities of collaboration to leverage resources that will enhance efforts by the federal laboratories and agencies in the field of environmental sustainability.

The Federal Network for Sustainability (FNS) is a voluntary, collaborative network of federal agencies in the Far West Region that have joined together to promote sustainability through the suite of Executive Orders known collectively as "Greening the Government." Participating agencies include: the Office of the Federal Environmental Executive, Environmental Protection Agency (Regions 8, 9, and 10); Department of Energy; Air Force; Army; Army Corps of Engineers; Navy; Office of the Secretary of Defense; Bonneville Power Administration; NASA; and the National

Park Service. FNS Federal agency participants reside in the states of Alaska, California, Colorado, Hawaii, Idaho, Oregon, and Washington.

"The FNS is a highly motivated organization that mirrors the goals of the FLC Far West Region in the technology area of environmental sustainability," Kurt Buehler stated. Buehler goes on to say, "Most of our Far West Regional labs have an important environmental com-



Alan Hurt, FNS Chairman, gives a presentation to participating agencies.

ponent that could be strengthened by our new relationship with FNS. The FLC Far West is contacting our regional laboratories' Office of Research and Technology Applications (ORTA's), to help put them in contact their lab's FNS counterpart to assist them in transferring technology supporting environmental sustainability." FNS participants have a desire to collaborate with industry, universities and non-profits to assist in accomplishing their goals.

FNS members educate the Federal and private sector on the benefits of pur-

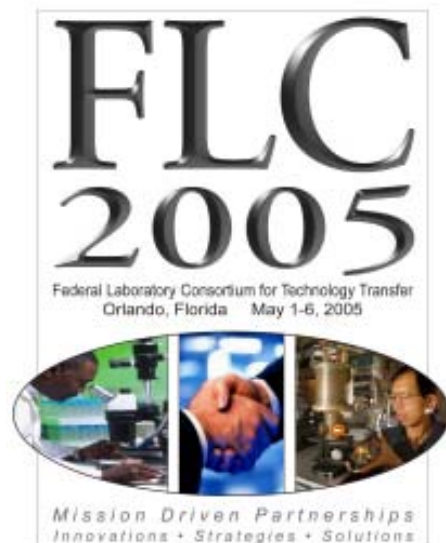
### From the Regional Coordinator's Desk Kurt Buehler



Kurt Buehler, FW Regional Coordinator presents the FLC Far West Laboratory Representative of the Year Award to Chuck Briggs of Idaho National Laboratory.

Our FLC Far West Fall 2004 regional meeting was held in South Padre Island, Texas, cohosted by the Mid-Continent Region, Susan Sprake, MC Regional Coordinator. The meeting was well attended and featured important training sessions on topics such as The ABC's of Licensing, Royalties and WFO's, Latest Changes in Intellectual Property Law, and Economic and Technology Development. There were presentations on Fighting Forest Fires with Lab Technologies, E-Tools For Technology Transfer, the Commercial Assessment Process, (CAP) and much more.

A key event at this meeting was the regional awards banquet. Both Far West and Mid-Continent award winners were honored at this event. The FLC Far West Region honored Chuck Briggs



## **DOE Update: INEEL Becomes INL**

# **Idaho National Laboratory to Lead Nuclear Renaissance**

On Feb 1, 2005, Battelle Energy Alliance (BEA) assumed the management and operational responsibility for the new Idaho National Laboratory (INL) with a 10-year, \$4.8 billion contract to transform INL into a "preeminent" Department of Energy national laboratory. "We have been given a unique opportunity to lead a national renaissance in nuclear energy and build a world-class national laboratory," stated INL Director and BEA President John Grossenbacher.

The INL combines the research and development components of the former Idaho National Engineering and Environmental Laboratory and Argonne National Laboratory-West.

One of INL's first major tasks will be to lead an international research and development effort to create an advanced nuclear energy technology called the Next Generation Nuclear Plant (NGNP). NGNP will produce both inexpensive electric-



ity and large quantities of hydrogen to support the development of a clean and efficient hydrogen economy as part of the President's National Hydrogen Fuel Initiative.

INL will also lead the establishment of DOE's Center for Advanced Energy Studies (CAES). CAES is a collaboration of DOE, the state of Idaho, the INL and research universities across the nation. Through this center, INL will become an internationally recognized center of nuclear science and technology education.

Mr. John J. (Jack) Lance, is the Director of Technology Partnerships. Chuck Briggs is the FLC Laboratory Representative.

**Contact: Chuck Briggs 208-526-0441**

*Continued from page 1: Far West & FNS*

chasing environmentally preferable products and services. FNS members are currently promoting active federal agency participation in six initiatives:

- Biodiesel Fuels Education and Outreach
- Greener Copier Paper
- Electronics Products Stewardship
- Green Power Procurement
- Implementation of Environmental Management Systems (EMS)
- Sustainable Buildings Design and Construction

FNS has an ambitious program to provide education and communication to other federal agencies and the private sector on FNS activities. Recent successes and outreach associated with the initiatives include:

- Supporting the West Coast Diesel Emissions Reduction Collaborative by encouraging federal use of biodiesel fuels
- Assisting member agencies with procuring 100% post-consumer recycled paper
- Achieving gold level recognition in the Federal Electronics Challenge by two FNS member agencies
- Encouraging member agencies to purchase green power and green tags equaling 100% of their electricity usage
- Co-sponsoring five Phase II EMS workshops
- Co-sponsoring classes on Low Energy, Sustainable, and Secure Facilities
- Agency assistance and education on principles of sustainable "best practices"

- Encouraging agency personnel to be trained in Leadership in Energy and Environmental Design (LEED)

Many of the FNS member agencies have also benefited through the initiatives they support by adopting new practices through the exchange of lessons learned. The FNS web site (<http://www.FederalSustainability.org>) is the primary outreach tool for sharing successes and sustainability tools with others. New ideas and information, such as updates on each of the initiatives and their successes, are constantly being added to help others.

Because of their efforts in education and outreach, the FNS was honored to receive the White House's "Closing the Circle" Award in 2003. In addition, FNS has been recognized nationally two years in a row as a model for others by the Office of the Federal Environmental Executive's Report to the President on Federal Energy and Environmental Management, "Leading by Example."

Upcoming events that FNS will be co-sponsoring or participating in include:

World Environment Day - June 1- 5, 2005, San Francisco, CA

Phase III EMS Workshops - February 23 - 24, 2005, in Las Vegas, NV, and March 16 - 17, 2005, in San Diego, CA

**Visit [www.FederalSustainability.org](http://www.FederalSustainability.org)**

## ARS Announces Technology Transfer Winners

# Pacific Basin ARS, Hilo, Hawaii Wins Award

Scientists with the U.S. Department of Agriculture's Agricultural Research Service (ARS) were honored by their agency for moving a variety of technologies from the laboratory to the marketplace. The awards were presented at ARS' annual national awards ceremony at USDA headquarters in Washington DC.



*Medfly is among several targets of new technology that benefits Hawaiian farmers and gardeners.*

An award for "Outstanding Efforts in Technology Transfer" went to Hawaii-based ARS scientists and their federal and state colleagues for development and dissemination of science-based, environmentally friendly technologies for controlling oriental and Mediterranean fruit fly and other invasive species of tropical fruit flies.

The ARS winners were entomologists Roger I. Vargas and Eric B. Jang and plant pathologist Dennis Gonsalves at the agency's U.S. Pacific Basin Agricultural Research Center at Hilo, Hawaii, and ARS collaborators Carroll O. Calkins, formerly at Wapato, Washington, and Robert M. Faust, formerly at Beltsville, Maryland. The other team members were Ronald Mau of the University of Hawaii at Manoa; Stuart H. Stein of USDA's Animal and Plant Health Inspection Service, and Lyle Wong of the Hawaii Department of Agriculture.

"Growers and hobbyist gardeners who are trying out these fruit fly control tactics are harvesting unblemished guavas, loquats and other top-quality produce for local and export markets," said ARS Administrator Edward B. Knipling.

### Background

ARS's U.S. Pacific Basin Agricultural Research Center (PBARC) in Hilo, Hawaii, is leading the first successful effort

to deal with the exotic fruit flies that have been devastating Hawaiian farms and gardens for 100 years.

Four exotic fruit fly species are major problems in Hawaii. The medfly and the melon fly both arrived in the late 1800s; the oriental fruit fly came in 1945; and the Malaysian fruit fly is the newcomer, first being found in Hawaii in 1983.

This quartet of tiny pests can lay eggs in and ruin more than 400 different fruits and vegetables, including citrus, coffee, eggplant, guava, loquat, mango, melon, papaya, passion fruit, peach, pepper, persimmon, plum, star fruit, tomato, and zucchini. And with the recent decline of sugar and pineapple plantations, it is just these fruit fly-susceptible, high-value crops that are now the backbone of Hawaiian agriculture.

For years, exotic fruit flies have driven Hawaiian farmers either to near-weekly sprayings of organophosphate and carbamate insecticides or to simply abandoning crop production altogether. Industry experts estimate that exotic fruit flies were costing Hawaii more than \$300 million each year in lost markets for locally grown produce. And that doesn't include potentially high-value export markets.



*Tsukasa Yamamoto (left) of B.E.S.T. Farms and ARS technician Mike Klungness look over a patch of fruit fly-free tomatoes.*

After only 4 years, the program is already having tremendous success, as evidenced by the award. Key to the program has been the extraordinary teamwork among ARS, state and university experts that has gone into helping growers and gardeners in Hawaii adopt an anti-fruit fly technology package.

**Contact: Pacific Basin Agricultural Research Center  
808-932-2100 - <http://pbarc.ars.usda.gov/>**

## Successful Transfer

# Space Foundation Certifies Eagle Shield as a Space Technology Improving Life in Earthly Homes

The Space Foundation announced it officially recognizes Eagle Shield as a Certified Space Technology™. Eagle Shield, Inc., of San Ramon, California, produces the Eagle Shield Radiant Barrier Reflective Insulation product.

The Space Foundation, in cooperation with NASA, manages the Space Certification Program to recognize innovators who transform technology originally developed for space use into commercial products, to increase public awareness of the benefits of space transfer technology, and to encourage further innovation.

"Eagle Shield was awarded the Certified Space Technology™ seal because it effectively applies space-based technology to help people save money and energy and live in their homes more comfortably," said Kevin C. Cook, Space Foundation director of space awareness programs. "Eagle Shield brings

space-age technology down to Earth in a very real way that benefits everyone."

Eagle Shield is a Radiant Barrier product that can be installed directly on top of existing ceiling insulation in a home to reduce heating and cooling bills. Based on NASA technology originally developed to shield astronauts from extreme temperatures in space, Eagle Shield's cost-saving benefits extend to a variety of applications where heating and cooling efficiency is desired.

Founded in 2003, Eagle Shield, Inc., is an industry leader in developing reflective insulation products that provide advanced thermal protection from hot and cold climates for all residential homeowners.

**Contact: Eagle Shield 800-811-0466**  
**[www.eagleshieldinc.com](http://www.eagleshieldinc.com)**

## SBIR Corner

# SBA Issues New Final Rule on SBIR Eligibility

On December 3, 2004, the SBA issued a new "Final Rule" pertaining to SBIR size standards and eligibility for participation in the SBIR program. In brief, this new rule makes changes to 13 CFR § 121.702, which now provides added flexibility concerning ownership and control of an eligible small business.

Effective January 3, 2005, a small business can be majority owned and controlled by another entity such as a Venture Capital Company (VC), Employee Stock Option Plan (ESOP), Joint Ventures (JV), Trusts, or other small business concerns, as long as the entity itself is at least 51% owned and controlled by U.S. citizens and/or permanent resident aliens, and together with its affiliates, meets the 500-employee size standard.

The SBA has also released an Advance Notice of Proposed Rulemaking that seeks comments pertaining to a plethora of small business size standards that may be changed.

Germane to the SBIR program is a proposed rule that would allow VCs an exclusion from affiliation in size determinations for eligibility in the SBIR Program. The net effect of this action would allow large institutional and/or fortune 500 VCs to have majority ownership and control of a small business competing for SBIR funding.

The SBA has extended the cut off date to April 3, 2005 for accepting comments on the proposed rule changes. Your

comments should be addressed via email to:  
[restructure.sizestandards@sba.gov](mailto:restructure.sizestandards@sba.gov)  
Include RIN 3245-ZA02 in the subject line of the message.

The National SBIR Spring 2005 Conference will be held March 7-10, 2005 at the Hilton Omaha Hotel in Omaha, NE. The FLC Far West and Mid-Continent regions will have a display booth in the exhibition hall.

The DoD will be holding a National SBIR Phase II Commercialization Conference in San Diego, July 11-14, 2005.

The latest SBIR news and information is available on the SBIR Gateway at: [www.zyn.com/sbir](http://www.zyn.com/sbir)

***FLC Far West & Mid-Continent  
Fall Regional Meeting  
September 13-15, 2005  
Portola Plaza Hotel  
Monterey Bay, California  
[www.flc-fw.org/meeting](http://www.flc-fw.org/meeting)***

## Federal Lab and Industry Partnership

# GM Joins with Sandia to Advance Hydrogen Storage Partnership to Focus on Solid-State Storage

General Motors and Sandia National Laboratories of Livermore, CA, have launched a partnership to design and test an advanced method for storing hydrogen based on metal hydrides.

Metal hydrides - formed when metal alloys are combined with hydrogen - can absorb and store hydrogen within their structures. When subjected to heat, the hydrides release their hydrogen. In a fuel cell system, the hydrogen can then be combined with oxygen to produce electricity.

GM and Sandia, a National Nuclear Security Administration lab, have embarked on a 4-year, \$10 million program to develop and test tanks that store hydrogen in a complex hydride, sodium aluminum hydride - or sodium alanate for short. The goal is to develop a pre-prototype solid-state hydrogen storage tank that would store more hydrogen onboard a fuel cell vehicle than current conventional hydrogen storage methods. Researchers also hope to create a tank design that could be adaptable to any type of solid-state hydrogen storage.

GM and Sandia say the program is part of a concerted effort to find a way to store enough hydrogen onboard a fuel cell vehicle to equal the driving range obtained from a tank of gas, which will be key to customer acceptance of fuel cell vehicles.

The current leading methods of storage are liquid and compressed gas. However, to date, neither of these technologies has been able to provide the needed range and running time for fuel cell vehicles.

"We are designing a hydrogen storage system with challenging thermal management requirements and limits on volume and weight," says Chris Moen, manager of science and engineering technologies at Sandia. "Our staff researchers are excited to apply their unique, science-based design and analysis capabilities to engineer a viable solution."

"This is the kind of public private research partnership that will help us realize the President's vision, communicated in his 2003 State of the Union Address, that 'the first car driven by a child born today can be powered by hydrogen, and

pollution-free,'" said DOE Secretary Spencer Abraham. "Over the long term, because of the President's visionary leadership, clean, efficient hydrogen fuel technologies like this will help make our nation far less reliant on foreign sources of energy."



*Sandia National Laboratories engineer Terry Johnson sets up a test apparatus that, when verified, will generate external heat that improves the overall energy density compared to traditional heat sources.*

In 2003, President Bush announced the Hydrogen Fuel Initiative with \$1.2 billion over five years (FY 2004-FY 2008) to accelerate hydrogen research. Sandia's research activities in hydrogen storage support the President's long term vision for commercially viable hydrogen-powered vehicles to reverse America's growing dependence on foreign oil. The GM-Sandia project is privately funded and separate from the President's initiative.

A possible scenario for filling up with a solid-state storage solution such as sodium alanate could look like this: The alanate would come preloaded in the tank, where it would remain, giving up its hydrogen, and becoming a mixture of sodium hydride and aluminum. The customer would fill up using gaseous hydrogen. During filling, the mixture of aluminum and sodium hydride would absorb the hydrogen and turn it back into alanate, which would be ready to

yield hydrogen when needed by the fuel cell. Once the tank is filled, the hydrogen would be stored at low pressure.

In separate, independent projects outside of this collaboration, both GM and Sandia are working to identify alloys that will store greater amounts of hydrogen that can be released at lower temperatures. Reducing filling and recharging times is another key area of research.

The research conducted through the GM-Sandia partnership is independent from that of Sandia's participation in the Metal Hydride Center of Excellence. The Center of Excellence, funded in Fiscal Year 2005 through a U.S. Department of Energy "Grand Challenge," aims to develop a new class of materials capable of storing hydrogen safely and economically.

**Contact: Mike Janes 925- 294-2447  
mejanes@sandia.gov**

## Homeland Security Available Technology

# PNNL's Plasma Technology Offers Breathable Air in Biological and Chemical Threat Situations

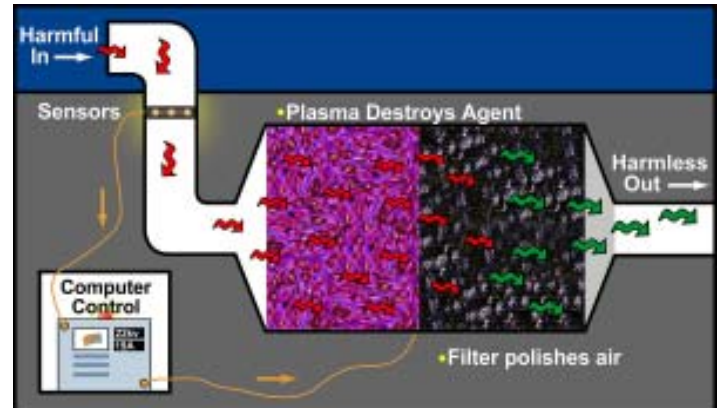
Pacific Northwest National Laboratory researchers are using the universe's most common form of matter, plasma, in a new filtration system that may one day save the lives of people seeking shelter from chemical or biological attacks.

Originally designed for the Department of Defense to protect soldiers, PNNL's Hybrid Plasma Filtration System may soon find a niche in the commercial market as well. The laboratory has built a compact prototype of the system, but plans to enlarge it significantly for use in bigger spaces, such as buildings, tented structures and aircraft.

"This is a technology that we wish the nation wouldn't need, but in light of our changing times, it's satisfying to be part of a solution that can help protect people and even save lives," said Ken Rappe, PNNL's senior development engineer.

PNNL's filtration system is unlike any other because it doesn't use common High Efficiency Particulate Air, or HEPA, filters. Instead, researchers found that by using plasma to destroy airborne contaminants that come through the filters, they actually lasted much longer, making the system more reliable and less cumbersome to operate.

In addition, the PNNL-developed system is able to destroy both biological and chemical contaminants including toxic



industrial chemicals, such as hydrogen cyanide and hydrochloric acid, and chemical warfare agents, such as sarin, which was released in a 1995 terrorist attack in the Tokyo subway.

In addition to destroying potentially deadly agents, the system pumps out purified air, allowing people to breathe freely in an otherwise contaminated environment.

PNNL is interested in pursuing development of the technology for commercial applications. Business inquiries should be directed to Eric Lund at 509-375-3764 or [eric.lund@pnl.gov](mailto:eric.lund@pnl.gov).

*Continued from page 1: From the Regional Coordinator's Desk*

of DOE's Idaho National Environmental and Engineering Laboratory (now the Idaho National Laboratory), as the Far West Laboratory Representative of the Year. Chuck has been an outstanding technology transfer resource to the Far West Region and the FLC for many years.

The Far West and Mid-Continent honored Techlink at Montana State University with an award for Outstanding Partnerships. Techlink has been a valuable asset as a technology transfer partnership intermediary to the Department of Defense and NASA. The Far West region members look forward to a continued productive relationship with Techlink.

We are still in the planning stages for a joint Fall 2005 Regional meeting with the Mid-Continent to be held September 13 - 15 at the Portola Plaza Hotel Monterey, California. We will have valuable training sessions, technology presentations, an SBIR update and our Awards Banquet. We will send email updates and you can check our meeting web site: [www.flc-fw.org/meeting](http://www.flc-fw.org/meeting) for the latest details.

I want to welcome the Battelle Energy Alliance, LLC (BEA), the new contractor for the Idaho National Laboratory into the Far West Laboratory network. We look forward to

working with INL and wish them well in their new mission to become the "preeminent" national nuclear energy laboratory.

In mid-March the FLC Far West region will unveil our new Technology Mall Marketing web site. The Technology Mall will feature the latest available technologies from our laboratories, packaged in an easy to use full text searchable database. In an effort to enhance commercial potential, we will also include listings of successful transfers with links and references to the laboratory's commercial partner. These databases will also be optimized and indexed for availability on Google and Yahoo.

The Far West Region will be holding its spring business meeting in conjunction with the FLC National Meeting, May 1-6, 2005 at the Rosen Plaza Hotel, Orlando, Florida. Please let me know if there are any special topics you wish to present. I'm looking forward to seeing you in sunny Florida.

If you have any comments or questions, please contact me at 805-982-4897, or by email at [kurt.buehler@navy.mil](mailto:kurt.buehler@navy.mil)

## Far West Technology Mall - Licensing Opportunities

# Spotlight on LLNL Technologies Available for Licensing

The following items are available for licensing from Lawrence Livermore National Laboratory (LLNL). Companies interested in commercializing these technologies should provide a written statement of interest that must include a description of corporate capability and experience relevant to the technology. Written responses should be submitted to LLNL's company contact form at:

[www.llnl.gov/IPandC/about/companycontactform.php](http://www.llnl.gov/IPandC/about/companycontactform.php)

### **Optical Probe For Medical Applications**

Lawrence Livermore National Laboratory (LLNL) wants to license its technology pertaining to Medical Optical Probes.

Researchers at LLNL have developed a new, minimally invasive diagnostic Optical Probe that can instantly identify abnormal tissue, including cancerous tissue. The Optical Probe removes no tissue and is expected to achieve accuracy levels comparable to surgical biopsies in detecting cancerous cells.

The optical probe assembly consists of control unit containing a laser unit, detectors, and control circuitry. Optical fibers emerge from the unit and these optical fibers transmit light to and from the tissue thru a needle probe. This needle probe is smaller than the needle used in routine blood tests. The optical probe assembly also includes a reference optical fiber as part of the fiber optics, which improves the accuracy of the unit by accounting for optical source variations and changes in the fiber optic transmission efficiencies.

The successful deployment of this optical probe could provide a new, minimally invasive diagnostic tool that could instantly detect cancerous tissue, which would result in a reduction in the amount of unnecessary biopsies and surgeries. Medical professionals estimate this would have the potential to save the U.S. healthcare system over \$2 billion annually. This device is protected by one U.S. Patent (6,647,285).

### **Portable Ge Radiation Spectrometer**

The spectrometer contains an electromechanically cooled high purity encapsulated Ge detector that requires only electrical power to maintain the required operating temperature. Operation, including cool down, does not require the use of liquid nitrogen.

The unit includes an inner radiation shield around the detector cooled by use of a Peltier thermoelectric cooler. The inner shield reduces the radiative load on the detector by approximately a factor of two, enhancing the portability, light-weight, and battery power usage for a mechanically cooled Ge spectrometer. The inner shield can also be used with detectors cooled conventionally with liquid nitrogen.

A prototype spectrometer has been fabricated and is undergoing laboratory testing at LLNL. The prototype weighs approximately 8 lbs, and draws 10 watts DC at input of the spectrometer.

### **The Adaptable Radiation Area Monitor, (ARAM)**

Lawrence Livermore National Laboratory (LLNL), seeks licensee(s) to commercialize its apparatus and method for stopping vehicles.

Scientists at LLNL have invented ARAM, the Adaptable Radiation Area Monitor. This technology consists of a novel radiation detection system, using primarily commercially available hardware along with proprietary software developed at LLNL. ARAM is a system that has been developed with modularity as a design feature to allow it to be adapted easily to a large number of applications. Potential uses of the invention are radiation detection in large open areas, portal monitor type areas, and high-speed roadways.

ARAM prototypes have been developed and have been field tested in many environments. ARAM is capable of detecting small quantities of radioactive materials moving at highway speeds (dynamic portal monitor). ARAM can also be used as a package monitor or a vehicle/personnel portal monitor. ARAM can be used as a stand-alone monitor or networked with other systems.

## **New DoD TechMatch Web Site**

The success of the Navy TechMatch web site has led to the exciting new DoD TechMatch web site. DoD TechMatch is a web-based system built to facilitate interactions among government, industry and academic communities. Registration and usage is free.

The site provides a single location for business opportunities from sources such as Fed Biz Opps and Small Business Innovative Research (SBIR) solicitations, as well as technology needs from various DoD programs. It also provides quick access to licensable DoD patents and facilities available for commercial use.

Registered users will receive email notifications of opportunities in the areas of interest the user selects in their interest profile. DoD TechMatch is located at:

**[www.dodtechmatch.com](http://www.dodtechmatch.com)**

DoD TechMatch was designed by the West Virginia High Technology Consortium Foundation, Fairmont, WV

# CCAT Solicitation for Innovative Technologies Now Open

The Center for Commercialization of Advanced Technology (CCAT), in the Office of Technology Transfer and Commercialization (OTTC), at California State University San Bernardino (CSUSB), has opened their solicitation for innovative technologies from industry, academic institutions, and government laboratories to support a range of technology needs for the DoD and DHS. The solicitation closes March 25, 2005.

Successful CCAT applicants will be awarded services designed to fast track the commercialization of the technologies into the marketplace. Available services may include Product Development Awards and/or Business Services.

The objective of this solicitation is to identify and select new innovative technologies that address DoD and DHS requirements. CCAT has identified a number of high-priority technology needs and mission areas in the DoD and DHS arenas. These include: Sensors; Power; Biomedical Technologies; Communication Antennas; Education and Training.

Details are available on the CCAT web site at: <http://ottc.csusb.edu>

## Calendar

March 28 - 30, 2005

### World's Best Technologies 2005

Arlington, TX

602-795-8825 \* Paul Huleatt

[www.wbt05.com](http://www.wbt05.com)

May 1 - 6, 2005

### FLC 2005 National Meeting

Orlando, FL

856-667-7727 \* [flcmso@utrs.com](mailto:flcmso@utrs.com)

[www.federallabs.org](http://www.federallabs.org)

July 11 - 14, 2005

### DoD National SBIR Conference

San Diego, CA

703-205-1522 \* Virginia Hoover

September 13 - 15, 2005

### FLC FW/MC Regional Conference

Monterey, CA

360-582-9106 \* [linda@zyn.com](mailto:linda@zyn.com)

[www.flc-fw.org/meeting](http://www.flc-fw.org/meeting)

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Send material for consideration to the FLC Far West Support Office at the above address. If you would like this publication sent to any of your local or State organizations/agencies, please send the names and mailing addresses of their points of contact to the Regional Support Office.

*Opinions or views expressed in the FAR WEST BULLETIN are those of the contributors and do not necessarily reflect those of the FLC, its officers or representatives.*

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