



# Tech Biz



## Office of Technology Transfer and Commercialization

Fall Term 2006, Issue 2

### Los Alamos National Laboratory Wins Federal Laboratory Consortium Award



The Los Alamos "HAMPSCR" provides a secure chain of custody for collecting liquid, solid and gaseous samples for use in forensics and toxic substance detection.

The Federal Laboratory Consortium (FLC) has recognized Los Alamos National Laboratory (LANL) with a 2006 FLC Regional Award, a prestigious and much sought-after recognition in the technology

transfer field. Dozens of federal laboratories submit applications for these awards each year, and winning one generates a great

feeling of accomplishment for the labs and government agencies involved.

The LANL technology that was recognized is its "Handheld Apparatus for Multipurpose Sample Collection & Registration" or "HAMPSCR." The HAMPSCR allows investigators at the scene of a crime or bio-hazard event to use a fast-acting, hand-held, automated sampling device that can collect liquids, solids and gases, while itself remaining free of cross-contamination in either indoor or outdoor environments. HAMPSCR maintains a secure chain of custody for evidence, thanks to the data it collects with the samples. The HAMPSCR has now proven its ability to detect hazardous materials in a variety of in-field situations and is poised for widespread adoption.

Torsten Staab, Homeland Defense Technologies Team Leader for the Los Alamos project, said, "You wouldn't think that a national federal laboratory like Los Alamos would be looking for help from a small grant program like CCAT. But in fact there are lots of 'gaps' in our funding and we often need to look outside the agency, especially when it comes to commercializing technologies that we've proven to work in the lab.... Indeed, without OTTC's initial investment in this technology, we wouldn't be here today."

*This material is based upon work supported by the Space and Naval Warfare System Center, San Diego, under Contract No. N66001-06-C-0036. Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Space and Naval Warfare System Center, San Diego.*

### Client Round-Up

Here are news items about several OTTC clients:

- **GEM Power's** leadership team of Bob Richards, Chairman, John James, CEO, and Monty Dill, CFO, were named as Finalists in the 2006 Spirit of the Entrepreneur Awards, sponsored by the Inland Empire Center for Entrepreneurship (IECE) and the Riverside Press Enterprise. Although another finalist took home the Technology category award at the November awards banquet, it was a signal honor to have received recognition as finalists for the GEM Power trio.
- **Lumidigm** added to the Tibbetts Award we announced in our last issue with two additional awards: (1) 2006 Information Technology Excellence Award for Integrated Systems, from the New Mexico Information Technology & Software Association (NMITSA); and (2) one of the Best Places to Work in New Mexico, from New Mexico Business Weekly, as a result of research conducted by NMBW and the firm of Quantum Market Research.
- **Lunar Rocket and Rover** showed its completed mobile launch platform with CSUSB President Dr. Albert K. Karnig doing the unveiling on campus on October 26. The California Space Authority has announced that LRRC will be sharing a \$1 million grant with Santa Maria, CA-based Space Information Laboratories for education-based rocket launches from Vandenberg Air Force Base. The Foundation at CSUSB will administer the grant and CSUSB's own Dr. Herb Brunkhorst, Chair of the Dept. of Science, Math & Technology Education, and Dr. Tim Usher, Professor of Physics, have been named as co-PIs.



President Albert K. Karnig, Provost Lou Fernandez, Director of Research and Sponsored Programs Sid Kushner and CSUSB faculty members Tim Usher and Joe Scarella listen to LRRC President Robert Kleinberger explain how the mobile launcher works.