



SANDIA SCIENCE & TECHNOLOGY PARK

June 2010

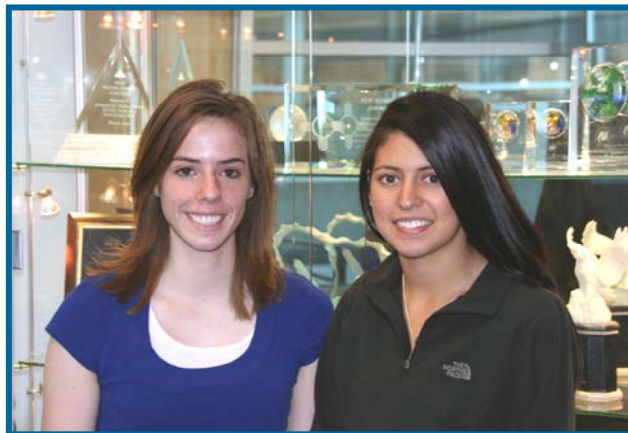
“The 250+ acre Sandia Science & Technology Park is one of the nation's premier research and development facilities - a unique environment dedicated to the transfer of world-class technologies from Sandia National Laboratories to the marketplace. This national infrastructure complex offers cross-fertilization between different cultures or different ways of thinking that is mutually productive and beneficial in reinvigorating local, state and even national economies. In addition, several of the high-tech companies in the Park provide technical support and products to Sandia to help them accomplish their missions. These partnerships enable all of us to benefit from the cutting-edge research done by Sandia.”

*Jamileh Soudah, Director
Office of Institutional and Joint Programs
National Nuclear Security Administration*

SS&TP Success Metrics: 30 Tenants, 1963 Employees, \$331.8 Million of Investment

Tenant News

- **Heel on TV** - A production team filmed at the Heel USA facilities during May for a documentary that will air on *Insights*, a show broadcast nationwide and hosted by Hugh Downs. The program will provide a look into the use of safe and effective Heel medications which improve patient care and healing while avoiding the side effects of many harsh drugs. The documentary will include interviews with Thierry Montfort, President and CEO; Dr. Joan Lewis, MD, Medical Director; and Dr. David Riley, MD, family practice physician and editor-in-chief of *Alternative Therapies in Health and Medicine* magazine. The dates and times the documentary will air will be posted on Heel's website at: www.heelusa.com.



SS&TP Interns – Lindsay Goddard and Jessica Pehr, both UNM students, are providing support to the Park Program Office as they gain experience in the business world.

- **MOOG/CSA Win Contract** - MOOG/CSA Engineering was selected for the recent Air Force Research Laboratory's (AFRL) BAA VS-07-03 CALL0020, Topic Area 2 solicitation. This topic area solicited proposals to develop satellite bus structural technologies addressing two key objectives shared between the Air Force and the Operationally Responsive Space (ORS) office. The first is to further the development of design, analysis, and test verification and validation methods and processes which would allow a satellite to proceed through AI&T, launch vehicle integration, and on-orbit check-out within a week. The second is to design and validate bus structural architectures and components that enable the next generation strategic space systems. The five-year contract is potentially worth \$9.8 million.

- **CINT Conference** - The Center for Integrated Nanotechnologies (CINT) 2010 Users Conference will be held in Albuquerque on August 9-11, 2010. Current and prospective users of these DOE/BES facilities are encouraged to attend and participate in the science sessions and facility discussions. Visit www.cint.newmexicoconsortium.org for more information.

- **EMCORE Develops IMM** - EMCORE's highest efficiency triple junction solar cell has reached a maximum in performance and new approaches are needed to continue efficiency improvements. EMCORE is developing an Inverted Metamorphic Multi-junction (IMM) solar cell, which involves growing the cell layers in an inverted manner to increase efficiency. This process allows a more optimal set of band gaps that can be combined to produce cells with higher sunlight to electrical power conversion efficiencies. Theoretical performance indicates efficiency from 40% to 50%

depending on application.

Recent Events

- **Tenant Leadership Luncheon** - Leaders from 21 companies and organizations in the SS&TP attended the recent Quarterly Tenant Leadership Luncheon hosted by Hong Hou of EMCORE. Hong briefed the leaders on EMCORE's current technology developments and took the attendees on a tour.

Calendar

- June 21 United Blood Services Blood Drive
- June 22 Flying Forty Celebration - Isotopes Stadium