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Purdue Research Park - Innovation Express e-news

June 2008

Our Top Story

SwiftEnterprises.Research.w

Designer aviation fuel may provide cleaner, greener, cheaper alternative

Swift Enterprises Ltd. has unveiled a new general aviation fuel that may be less expensive, fuel-efficient and environmentally friendlier than any on the market. Data on Swift Enterprises' 100 percent renewable general aviation fuel recently was presented to an international committee that oversees aviation fuel standards. Unlike current biomass fuels, SwiftFuel is composed of synthetic hydrocarbons derived from biomass. John Rusek, the company's co-founder and a professor in Purdue University's School of Astronautics and Aeronautics, said it can provide an effective range (distance between refueling) greater than petroleum while its projected cost is half the current petroleum manufacturing cost. The general aviation industry includes all flights other than military and scheduled airline flights, both private and commercial.

Research Park News

PRFDataStation.web

Foundation-operated data center provides secure, expanded network of IT services

Purdue Research Foundation officials are providing the necessary information technology network for the growing companies at Purdue Research Park with a new high-security data center. The energy-efficient PRF DataStation provides fiber-optic connections to clients, who then lease cabinets or space within cabinets to house network servers and information technology equipment. Serving as a central point for fiber connections, the PRF DataStation features back-up power and cooling as well as access to low-cost, high-availability Internet bandwidth connections.

First Precision plans to open manufacturing plant with \$1.5 million award from state fund

The Indiana 21st Century Research and Technology Fund has awarded First Precision LLC \$1.5 million in grant money, which will go toward the company's plans to open a plant in Gary, Ind., to demonstrate and produce its patented powder coating technology. First Precision researched PowderCoil at the Purdue Technology Center of Northwest Indiana in Merrillville. The company's coating, which is applied to metal coils like the ones used in steel and automotive industries, is considered faster than other technologies and better for the environment. First Precision is expected to hire a dozen people in its first year and about 40 its next year.

Simulex expands into two divisions

Simulex Inc., creator and developer of Simulex Synthetic Environments for Analysis and Simulation (SEAS), has divided into two separate divisions: Simulex Federal and Simulex Global. Simulex Federal will focus on serving governmental clients in the United States, and Simulex Global will focus on national and international companies. The company made the announcement during an April open house at its new 8,000-square-foot headquarters located in Purdue Research Park, where it was founded in 1999. The company's technology is used by the U.S. Joint Forces Command, Naval Air Command, U.S. Army Recruiting Command and Fortune 500 companies. Besides national and homeland security, companies use SEAS data to make market segments more profitable and determine the best time to introduce a new product or technology. The company also has offices in San Francisco, Atlanta and Norfolk, Va., and a subsidiary in India.

Murphy Cancer Foundation gives veterinarians insight on improving the lives of aging pets

The Gerald P. Murphy Cancer Foundation at Purdue Research Park held the first training program of its kind to help veterinarians understand how aging affects dogs and cats. Just as humans are living longer and more productive lives today, dogs and cats also are living longer. Recent consumer research indicates that a top desire for pet owners

is to maximize the healthy lifespan of their companion animals. The three-day course, titled "Understanding the Biology of Aging: A Gerontology Training Course for Veterinarians," provided veterinarians with training on how to treat older animals.

Purdue Research Foundation officials announce statewide technology centers director John M. Hanak was named director for the Purdue Research Park's four statewide technology centers. Located in West Lafayette, Indianapolis, Merrillville and New Albany, the centers offer space for new and expanding companies and provide business acceleration programs, leasing plans, conference rooms and human resources, and media relations and marketing assistance. Hanak is director of the Merrillville center, which was the research park's first satellite business incubator when it opened with seven charter companies in 2005.

Seyet officials open new office in San Francisco, add vice president of business development Seyet LLC officials have opened a new division in San Francisco and have hired an on-site director to manage the office. Skip Sanzeri of Hillsborough, Calif., has been named Seyet's vice president of new business development and will operate from 5 Thomas Mellon Circle in San Francisco Executive Park (near Candlestick Park). Sanzeri has held a number of positions including CEO, vice president and general manager for a variety of high-tech life sciences companies. Seyet is known for its cutting-edge visual communications animations of advanced life sciences technologies.

Life Plus announces new alliance that will create expanded services

Life Plus LLC, a Purdue Research Park-based company, has announced the formation of an alliance that will enhance the firm's international capabilities in toxicology testing. Life Plus has formed an alliance with an Indian laboratory that brings a unique set of capabilities to clients involved in commercializing new chemical technologies in Europe and those eight countries with chemical control laws: United States, Canada, China, Japan, Korea, Australia, New Zealand and the Philippines.

Chao Center quality assurance director appointed to U.S. Pharmacopeia Expert Committee Joseph G. Stowell of the Chao Center for Industrial Pharmacy & Contract Manufacturing has been appointed to serve on the U.S. Pharmacopeia Expert Committee for Monograph Development: Ophthalmology, Oncology, and Dermatology. Stowell is the Chao Center's quality assurance director and an adjunct assistant professor in Purdue University's School of Pharmacy and Pharmaceutical Sciences. The Chao Center opened in 2005 at Purdue Research Park to provide a means to educate Purdue students in current good manufacturing practices, provide pharmaceutical services to the pharmaceutical industry and provide an environment for faculty to conduct research in a cGMP facility.

More news from Purdue Research Parks

Search for your dream job on the Purdue Research Parks' career search engine, where you'll find more than 84 postings!

Events & Announcements

EVENTS

June 5: Application process begins for Purdue Technology Center of Indianapolis

Applications are being accepted for tenancy within the Purdue Technology Center of Indianapolis, a Purdue Research Foundation owned and operated business accelerator/incubator that is scheduled to open next year at the Purdue Research Park at AmeriPlex-Indianapolis near the Indianapolis International Airport. Eligible companies must be in the process of developing technologies. Contact <mailto:%20gwdeason@prf.org>Gregory Deason, Vice President of Real Estate and Research Park Development and Director of Purdue Research Parks, at (765) 494-8645.

June 17-20: 2008 BIO International Convention, San Diego, Calif.

Representatives from Purdue Research Parks and Purdue University's Discovery Park will be on hand to network at BIO. Please visit us at the State of Indiana Pavilion (#3535) in the San Diego Convention Center.

May 12: Purdue Entrepreneurship Roundtable, Palo Alto, Calif.

Silicon Valley networking event in which companies Moerae Matrix will be showcased to West Coast technology executives, investors and founders. Contact <mailto:cas@lonerganpartners.com>Cynthia Snow, Lonergan Partners, at (650) 413-6004.

June 12: "Technology Roadshow," Columbus, Ind.

Hosted by the Columbus Area Chamber of Commerce and Columbus Economic Development Center, this "road show" will feature several Purdue University-generated innovations now available for licensing by the Purdue Research Foundation Office of Technology Commercialization. Contact <mailto:jhess@columbusareachamber.com>>Jack Hess, Columbus Area Chamber of Commerce, at (812) 379-4457.

Sept. 10: "Technology Roadshow," Fort Wayne, Ind.

Hosted by Indiana University-Purdue University Fort Wayne (IPFW), this "road show" will feature commercially viable technologies emerging from both Purdue University and Indiana University. Contact <mailto:ryans@ipfw.edu>>Sean Ryan, Director, Office of Engagement at IPFW, at (260) 399-1662.

IN THE NEWS

Flight International: Avgas replacement hopes to beat US leded ban [Swift Enterprises Ltd.]

Network World: Purdue to offer IT services for local businesses [PRF DataStation]

Indianapolis Business Journal: Editorial: Pricey fuel isn't all bad [Swift Enterprises Ltd.]

Times of Northwest Indiana: Purdue tech company moving up [First Precision LLC]

Chicago Tribune: IU, Purdue get grant to move research to marketplace

Louisville Courier-Journal: Purdue center gets \$1 million [PTC of Southeast Indiana]

About the Park

Purdue Research Park of West Lafayette - one of the first five research parks in the nation - today is home to the largest cluster of technology-based companies in the state of Indiana. Our success has spawned parks in Merrillville, Indianapolis and New Albany.

This Purdue Research Park network provides emerging technology companies with business development expertise combined with a flexible leasing plan as well as assistance with human resources, media relations and marketing. Any technology-based company that wants to form strong ties to Purdue University may be considered for park tenancy.

The West Lafayette-based Purdue Research Park boasts 725 acres; 52 buildings; 146 companies; and 2,754 employees, who work for \$53,713 on average.

Welcome new Purdue Research Parks companies!

Broadband Antenna Tracking Systems, Inc. (BATS) - offering a proprietary solution for enhanced mobile-to-fixed and mobile-to-mobile vehicle communications through technology that locates, locks and tracks broadband access points over long distances.

Our Mission

For the past 75 years, Purdue Research Foundation's sole purpose has been to "Advance the Mission of Purdue University." The foundation took on a new incarnation in the 1990s when it was charged with helping the university in the realm of economic development.

[PRF Strategic Plan](#)

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