



## OPPORTUNITIES

### Contribute to WSU Tri-Cities scholarships for first freshmen



With newly acquired four-year status, Washington State University Tri-Cities will welcome its first freshman class in 2007. WSU Tri-Cities is enticing students to enroll by offering \$3,000 scholarships to each freshman in the inaugural class. To ensure that all the 2007 freshmen receive scholarships, WSU Tri-Cities is seeking private financial

support of at least \$300,000. This amount will support 50 students, who will receive an additional \$3,000 award during their senior year.

“This is an amazing opportunity to invest in the historic, first freshman class,” said Vicky Carwein, Chancellor of WSU Tri-Cities. “Scholarships help retain the best and brightest students to complete their education and launch careers right in our community.”

Gifts can be made through the WSU Foundation. For more information, please contact LoAnn Ayers at [ayers@tricity.wsu.edu](mailto:ayers@tricity.wsu.edu) or (509) 372-7252.

### Invest in green power

Infinia Corporation of Kennewick is seeking up to \$10 million in equity financing to commercialize a 3-kW solar power generation product using its proven Stirling engine. These externally heated engines will use concentrated solar energy to generate emissions-free electricity without any fuel. These engines are expected to operate for more than 15 years without maintenance. The resulting solar power generation product will be up to 50% more efficient and one-third lower cost than photovoltaic products and systems on the market today.

J.D. Sitton, CEO of Infinia Corporation, said, “The market for solar power products is an exciting market. Last year this market totaled \$11 billion and it is expected to grow to

over \$40 billion by 2010.” He continued, “Our product will help satisfy consumer demands for affordable clean energy and will help policy makers and utilities achieve their mandates for dramatic reductions in power generation-related greenhouse gas emissions.”

Infinia hopes to have its Solar Stirling Product available for broad distribution in 2008. For more information contact J.D. Sitton at (509) 735-4700 or [info@infiniacorp.com](mailto:info@infiniacorp.com).



*Infinia's 3-kW solar power generator using the proven Stirling engine.*

## Tri-Cities by the Numbers

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**6.54** Public golf holes per 10,000 people

**1.55** Miles of paved bike paths per 10,000 people

**270** Park acres per 10,000 people

**1.5** Boat ramps per 10,000 people

**The Tri-Cities region out-performs both King and Spokane counties in every one of these areas.**

Source: [www.pnl.gov/edo/documents/innovationtechindex2004.pdf](http://www.pnl.gov/edo/documents/innovationtechindex2004.pdf)

## BUSINESS NEWS

### AIT closes \$2.5 million financing deal and forms equity partnership

A Richland medical imaging technology company has closed a \$2.5 million Series A private equity financing from an undisclosed group of Pacific Northwest investors and formed a separate equity partnership with a NASDAQ-listed software company. Advanced Imaging Technologies (AIT; <http://www.aitimaging.com>) developed and sells the FDA-cleared ARIA Breast Imaging System for breast cancer detection, diagnosis, and biopsy. The product uses holographic ultrasound, or the diffractive properties of sound, to produce multi-planar, data-rich image sets of the tissue without ionizing radiation or painful breast compression. AIT will use the \$2.5 million investment to increase manufacturing, sales, marketing, and promotion, with a concurrent increase in Tri-City-area jobs, including product engineers and developers. In the equity partnership, Canada-based Cedara Software Corp. (<http://www.cedara.com>), a Merge Healthcare company that specializes in medical imaging and information management software and services for the global healthcare market, will provide AIT with a broad range of software technologies, including a console application for the ARIA imaging system.



*Demonstration of the ARIA Imaging System.*

Cedara has acquired a small equity stake in AIT and will join AIT in marketing the ARIA imaging system. While on a recent trade mission to Korea and Taiwan led by Gov. Chris Gregoire, AIT identified more than 30 Asian companies seeking to distribute the ARIA product. Contact Michael Hartwig at [mhartwig@aitimaging.com](mailto:mhartwig@aitimaging.com), (509) 375-3100, or cell (509) 430-3489.

### Local medical center teams with Seattle Children's Hospital

Kadlec Medical Center in Richland recently announced a new partnership with Seattle Children's Hospital and Regional Medical Center. The agreement focuses on infant and pediatric inpatient care and will allow Kadlec's medical staff to easily consult with their colleagues in Seattle.

The agreement will initially focus on Kadlec's pediatric hospitalist program started earlier this year. The program includes three full-time, hospital-based pediatricians solely focused on caring for hospitalized



pediatric patients and well newborns. Children's already has a partnership with Kennewick General Hospital. Partnering with Kadlec further strengthens pediatric care in the Tri-Cities. More information: [http://www.chmc.org/home/about\\_childrens/press\\_releases/2006/10/001459.asp](http://www.chmc.org/home/about_childrens/press_releases/2006/10/001459.asp).

### Study aims at better treatment for mental illness

A \$100,000 grant is funding work aimed at pinpointing the most effective medications for individuals suffering from



mental illnesses such as bipolar disorder and schizophrenia. The Washington Technology Center awarded a \$100,000 Research and Technology Development grant to Washington State University Tri-Cities psychology professor and researcher James Wise, partnering with CNS Response of Richland and Cadwell Laboratories of Kennewick. The work combines Cadwell's equipment, a patented analysis tool developed by CNS Response called referenced electroencephalography, and new analysis methods to predict which antipsychotic medications will be the most beneficial. The study results will help doctors make more informed treatment decisions for individual patients, avoiding the trial-and-error method common with anti-psychotic medications. Contact James Wise at [jwise@tricity.wsu.edu](mailto:jwise@tricity.wsu.edu) or (509) 372-7239.

## ALUMNUS PROFILE

**Name:** Larry Coryell

**Talent:** Pioneering jazz-rock fusion guitarist who's played with Jimi Hendrix, Eric Clapton, Charles Mingus, Chick Corea, and John McLaughlin, among others.

**Current location:** Home base: Orlando, Florida; travels worldwide to tour and record.

### Time spent in the Tri-City Area:

1950-1961, when he graduated from Columbia (now Richland) High School. Coryell played percussion in his high-school band and studied guitar with local jazz legend John LaChapelle. In October 2006, Coryell returned to Richland for a live performance, his first in the Tri-Cities in 45 years.

### Accomplishments:

- Called "a true pioneer of rock-jazz fusion" by *The New York Times* and "the Godfather of Fusion" by *Down Beat Magazine*.
- Signed to Arista records by Clive Davis in 1976 and with the Aradia Group in New York City in 1997. More than 60 recordings, plus film and TV work. Coryell's 2005 CD, "Live at the Sky Church in Seattle," was recorded at the Experience Music Project museum.



- Regular headliner at the Blue Note and Birdland in New York City, Catalina's in L.A., Blues Alley in Washington D.C., and DownUnder in London, as well as outdoor music festivals in Asia, Europe, and Brazil.
- Designed his own professional line of guitars made by Cort and endorses acoustic steel and nylon string guitars by Parker/Washburn.
- Wrote two books on guitar technique and is featured in books on jazz guitar history. His autobiography, "Improvising: My Life in Music" was published in December 2006.

**Impression of the Tri-City Area:** "It was a very nice place to grow up . . . quiet, safe, and inspirational. When I visited in 2006, it had grown to a level that I had never anticipated. But the people were still down-to-earth, sweet, and friendly."

## TRI-CITIES NOW

### Tri-Cities: Connected to the world

Being home to one of only nine U.S. Department of Energy multi-program national laboratories, and now a four-year university, it is only fitting that the Tri-City area be well connected, technically speaking. Since 2000, the diligent efforts of a growing number of telecommunication providers have expanded the local bandwidth capacity more than 100-fold. Albert Torres, Director of Information Technology and R&D for PayPlus Benefits, commented, "Increased local bandwidth has been instrumental in growing our client base from 100 to 9,000+, taking us from a local 'bricks and mortar' business to a nationwide 'bricks and clicks' organization."

Local research and education organizations are getting better connected as well. Later this year, a project known as Northwest TeraLink will enable Inland Northwest research and education organizations, including those in the Tri-Cities, to connect to the Pacific Northwest Gigapop, a hub linking worldwide research and education networks. The end result: a greater ability to rapidly share large amounts of information with partners worldwide, benefiting research, education, and economic development. Contact Jerry Johnson at [NWTeraLink@pnl.gov](mailto:NWTeraLink@pnl.gov).



## “Breakaway” to the Tri-Cities

In the Tri-Cities, the fertile Columbia Valley produces more than 200 varieties of fruits, grains, and vegetables annually. Boutique wineries abound, and the internationally acclaimed Red Mountain is recognized as the smallest and most premium wine-growing

region in Washington State. Riverside restaurants offer views of resplendent sunsets over the Columbia River, and talented chefs turn the bounty of harvest into unique and tasty presentations. Jazz clubs, brew pubs, and wine bars add to a growing mix of evening attractions in historic, renovated downtown districts.

Professional sports have blossomed as well, with the Tri-Cities being home to minor league hockey and baseball, and most recently, arena football at the 5,000-seat Toyota Center in Kennewick. The Tri-Cities Fever arena football team won the National Indoor Football League championship in 2005, earning them enough clout to be picked up by

the higher division af2 (arena football 2) indoor football league. The Dust Devils baseball team had a great year with attendance climbing for the second year in a row. Dust Devil Stadium will get a permanent sun shade in 2007 courtesy of a \$1 million grant from the state legislature. For more information on the Tri-Cities go to [www.visittri-cities.com](http://www.visittri-cities.com).



The Tri-City Alumni Update informs former Tri-Citians about current events and opportunities available “back home.” It is published in partnership with Tri-City Regional Chamber of Commerce, Tri-City Development Council, Tri-Cities Visitor and Convention Bureau, and Pacific Northwest National Laboratory. We’re hoping to reach as many former Tri-Citians as possible, so please forward this to others. It’s also online at [www.pnl.gov/edo/business/alumni](http://www.pnl.gov/edo/business/alumni). To receive the newsletter via e-mail, add someone else to the mailing list, or to be removed from the list, please contact Robin Conger at [robin.conger@pnl.gov](mailto:robin.conger@pnl.gov) or (509) 372-4328.



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