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Knowledge Economy Infrastructure Columbia Home to World's First Hydrogen Fuel-Cell Powered Scoreboard

Faculty members from [USC's College of Engineering and Computing](#) have developed the world's first hydrogen fuel-cell powered scoreboard that is in use at the new Carolina Stadium.

A [cornerstone](#) of the university's long-term research focus, fuel-cell technology offers tremendous potential for providing low-cost, low-emission power for a wide range of applications from portable to stationary to transportation.

"This is more than just a baseball stadium," said University President Dr. Harris Pastides. "It is a workshop of innovation in future-fuels research."

A replica of the actual working fuel cell, which is shown in the picture above, and educational material will be on public display at the stadium to allow fans to learn more about how fuel cells work in general and how the one at the stadium in

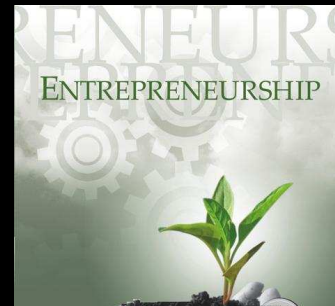


Roger Dougal, professor of electrical engineering, stands with the hydrogen fuel cell that will provide power to the scoreboard at Carolina Baseball Stadium.

Entrepreneurs: Engines for Job Creation & Innovation

Times are tough. The economy is taking a hard hit from every direction.

But, there is a reason to remain optimistic: as long as we have entrepreneurial people, jobs will be created, and when times get tough we learn to do more with less.



A recent [survey](#) revealed that Americans see entrepreneurship as having a key role in overcoming the current crisis. In fact, [NYC Mayor Michael Bloomberg](#) and other community leaders are turning to the Kauffman Foundation's [FastTrac program](#) to train displaced workers looking to make their own opportunity and other emerging entrepreneurs to jumpstart the economy.

"Entrepreneurs will be the foundation of our nation's economic recovery because they start and grow businesses that create jobs," said Carl Schramm, [Kauffman Foundation](#) president and CEO.

particular will power the scoreboard.

So, make plans to head to the ballpark for a [USC home game](#) this season and take a look at the world's first fuel-cell powered scoreboard!

March 5th Science Cafe SC's Offshore Wind Potential



Did you know that it has been estimated that South Carolina's offshore wind potential is 4 gigawatts?

Did you know that South Carolina residents rank 5th in the country in annual electric consumption?

Did you know that South Carolina's coal and natural gas generation facilities emitted approximately 60 million tons of CO2 in 2007?

With a projected population increase of over a million citizens by 2030, South Carolina needs to aggressively pursue the addition of new electrical generation facilities that also play in reducing the state's green house gas emissions.

Come learn about SC's offshore wind potential and how this renewable resource might fit into our state's alternative energy portfolio at the March 5th Science Cafe.

What: Science Cafe

When: Thursday, March 5th

Where: California Dreaming (401 S. Main)

Time: 6:30-8:00 PM

Speaker: Nick Rigas, VP [Eco Energy LLC](#)

RSVP: [Katherine Robinson](#)

Our region's entrepreneurial ecosystem provides the resources necessary, including FastTrac programs, to support new and growing entrepreneurs. Sign up for a [local FastTrac program](#) today and create your own opportunity for success!

Companies on the FastTrac Meet EnGenCore

A July 2008 graduate of FastTrac Tech Venture, John Busch is heading up the business development operations for EnGenCore, or the Environmental Genomics Core facility, located within the Innovista Research district at USC.



EnGenCore provides integrated services for high-throughput genomic DNA sequencing for both academic and commercial research as well as regulated environments. EnGenCore provides bioinformatics data from the sequencing of DNA samples for projects in genomic research.

EnGenCore works with a wide variety of clients, each of whom has differing needs for their genome sequencing application. Their clients include researchers in universities such as Harvard and MIT, government agencies like the Centers for Disease Control and the National Institutes of Health, and private firms like Bristol-Myers Squibb and Cenicafe. EnGenCore has successfully sequenced samples ranging from bacteria to vegetation to animals to microbial and marine life.

To learn more about this knowledge-economy company, check out their [website](#) or contact [John Busch](#).

InnoVenture Southeast 2009 March 24 in Greenville, SC



In the annual InnoVenture conference's sixth year, the economic storm is raging all around us, wrecking havoc with organizations trying to reinvent themselves and launching out very talented people looking to create new ones. InnoVenture will have several hundred of the most talented, connected people creating what's next. In addition to the Innovation Hall with dozens of exhibits by major corporations and universities, and fifteen entrepreneurs making elevator pitches,

New Ideas for A New Carolina

Electric Wall Outlet That Saves Energy Takes Home Grand Prize



Mike Switzer of Richland County was the grand prize winner this year in the New Ideas for a New Carolina business ideas contest with his idea of installing electric wall outlets in new construction and replacement markets that would eliminate wasted energy. Switzer won \$5,000 seed money, a scholarship to FastTrac entrepreneurial training programs and access to a Dream Team of Mentors to help cultivate his idea.

Winners were chosen in four categories - bioscience, software/information technology, engineering, and environmental sustainability - based on the idea's viability, innovation/vision and profit/revenue potential. There was also a Wildcard category chosen by co-owner of the Charleston RiverDogs Baseball team and "Director of Fun," comedian Bill Murray and Mike Veeck, President of the RiverDogs.

[Meet this year's winners!](#)

InnoVenture also features an awesome line-up of global leaders.

Check out the [conference agenda](#) and [register](#) today!

[Join the EngenuitySC Mailing List!](#)