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## **New Stripper Well Website** <sup>[1]</sup>

Friday, August 17, 2012

The Stripper Well Consortium website has a new look. Check it out at [www.energy.psu.edu/swc](http://www.energy.psu.edu/swc) <sup>[2]</sup>. In addition, The Stripper Well Consortium request-for-proposals (RFP) is now available. The RFP is focused on developing new hardware to help small producers improve the production performance of domestic petroleum and/or natural gas stripper wells. Proposed technologies should improve production, reduce operator costs, and strive to improve the environmental footprint of stripper well operations.

## **New Background Check Policy for All New Hires** <sup>[3]</sup>

Thursday, August 16, 2012

As of July 5, 2012 a new background check policy has been approved. Effective immediately, any new employees who are paid by Penn State are required to have a background check before the Finance Office will approve their appointments. This policy affects all employees, including wage payroll, graduate students, visiting scholars, and faculty and staff hires.

## **Natural Gas for Electricity** <sup>[4]</sup>

Wednesday, June 20, 2012

*-PSIEE Highlights*

Although the U.S. currently has the ability to generate up to 40 percent of its electricity from natural gas, the U.S. typically uses only about 20 percent of that capacity. Most of the country's electricity is produced from coal.

## **3-D Imaging Helps Researchers Understand Fluid Movement Through Shale Formations** <sup>[5]</sup>

Wednesday, June 20, 2012

-*PSIEE Highlights*

Imagine dipping a napkin in a glass of water and watching the paper slowly draw up the liquid. Now picture an underground rock formation drawing liquid in the same way. The surface tension responsible for this phenomenon is referred to as capillarity. While capillarity is often ignored for traditional rocks, it could have significant implications for gas extraction from tight rock formations (i.e. formations with low permeability), such as the Marcellus Shale region.

## **Institute Researcher's Work Mentioned in Online Publication**

[6]

Thursday, April 19, 2012

- *Keystone Edge*

Bruce Miller, senior scientist and associate director at the EMS Energy Institute, was quoted in a story published by *Keystone Edge*, a weekly online magazine. The feature story details American Eagle Paper Mill's quest to replace some of the coal it uses with a recycled fuel source.

[Read the story.](#) [7]

## **Penn State's EcoCAR Team Wins Several Awards** [8]

Thursday, May 31, 2012

- *Penn State Live*

Penn State's Advanced Vehicle Team won six awards at the EcoCAR 2 Year One Final Competition May 18 to 23 in Los Angeles.

Eduardo Barrientos, a graduate student working in the EMS Energy Institute's Diesel Combustion and Emissions, served as the graduate research assistant and team leader to the EcoCAR 2 Team.

## **Transportation Research Authority at the EMS Energy Institute Heading to Michigan** [9]

Friday, May 25, 2012

After 18 years with Penn State University, Dr. André Boehman, professor in the John and Leone

Family Department of Energy and Mineral Engineering and leading researcher in engines and fuel science, has accepted a position as a Professor of Mechanical Engineering at the University of Michigan. Although he'll be leaving the University in July, Boehman plans to continue to collaborate with Penn State on future projects.

## **Professor and Associate Dean Scaroni retires after thirty years with Penn State** <sup>[10]</sup>

Friday, May 25, 2012

Dr. Alan Scaroni, professor emeritus, energy and mineral engineering in the John and Willie Leone Family Department of Energy and Mineral Engineering, retired in February of this year after thirty years of teaching at Penn State. Most recently, Scaroni served as the associate dean for graduate education and research in the College of Earth and Mineral Sciences, where he oversaw graduate activities for five academic departments and three research institutes.

## **PSIEE: Faculty Spotlight on Li Li** <sup>[11]</sup>

Friday, May 11, 2012

-PSIEE

Li Li, an assistant professor of energy and mineral engineering at Penn State, is investigating geologic carbon sequestration as a way to store the greenhouse gas carbon dioxide deep in the Earth's subsurface.

[Read the full article on PSIEE's site](#) <sup>[12]</sup>

## **Chinese Delegation Visits Institute** <sup>[13]</sup>

Monday, January 16, 2012

On January 12, 2012 a Chinese delegation visited the EMS Energy Institute to discuss current energy research and issues. The group of senior researchers included Professor Kechang Xie, vice president of the Chinese National Academy of Engineering; Professor Yongde He, Shaanxi Coal and Chemical Industry Group; Mr. Yusheng Zong, Chinese National Academy of Engineering; and Professor Wenying Li, Taiyuan University of Technology.

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