7-26-2012

Special Edition: National Clean Energy Summit

Nevada Institute for Renewable Energy Commercialization (NIREC)

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Special Screening

Meet Director Chris Paine

Electric Vehicle Rally before showing.

Monday, August 6, 2012
6:30 - 10:00 pm

1311 Science & Engineering Building
University of Nevada, Las Vegas

More details

Sponsored by The Nevada Conservation League,
Young Professionals in Energy Nevada and UNLV.

Look for the NIREC booth!

National Clean Energy Summit 5.0:
The Power of Choice

Tuesday, August 7, 2012
Bellagio
Las Vegas, NV

Keynote: Former President Bill Clinton

Bringing together clean energy visionaries and leaders, public officials, business executives and entrepreneurs, investors, students, and the media to discuss how to empower the public with tools to promote the clean energy economy; increasing jobs and our energy independence.

Speakers include:
U.S. Senator Harry Reid
Center for American Progress Chair & Counselor John Podesta
Tesla Motors CEO Elon Musk
MGM Resorts Chairman/CEO Jim Murren
Announcing New Speaker Additions:

New additions to the impressive speaker lineup (see right column):

Philip Giudice (Liquid Metal Battery Corporation CEO) joins Kristin McMillan (Las Vegas Chamber of Commerce CEO) and Chris Paine (American Filmmaker) whose most noted documentaries include "Who Killed The Electric Car?" and "Revenge of the Electric Car" to help lead the nation's foremost conversation about clean energy options.

Additional newly confirmed speakers and panelists include:

- **Doug Larson**, Co-founder, CEO and President of Eldorado Artesian Springs Inc.
- **Arun Majumdar**, Director of Advanced Research Projects Agency-Energy
- **Rose Mckinney-James**, Owner of Energy Works Consulting LLC
- **Neal Smatresk**, UNLV President
- **Dr. Hemant Taneja**, Co-founder of Advanced Energy Economy
- **Audrey Zibelman**, Founder, CEO and President of Viridity Energy, Inc.

President Bill Clinton will deliver the keynote address.

REGISTER TODAY: [www.cleanenergysummit.org](http://www.cleanenergysummit.org)

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Clean Energy is in the Spotlight at UNLV

Young Professionals in Energy–Nevada recently gathered for an up-to-the-day report on renewable energy at UNLV’s LEED-
certified Science and Engineering Building given by Associate Vice President for Interdisciplinary Research Tom Piechota—just hours after President Obama appeared on campus in support of higher education.

Piechota, who also heads UNLV’s Urban Sustainability Initiative (and is this author’s boss in that capacity), covered all the overlapping curriculum and research going on. Of about 400 total research projects university-wide, 142 involve clean energy, water or environmental science – some at the nexus of all three. Department of Energy remains the biggest source of funding, along with the National Science Foundation, related industries and the Department of Defense.

Watch the video: Nevada-grown clean energy innovation at UNLV.

CURRICULUM

- **Renewable Energy Minor & Graduate Certificate** programs, which together include over 100 students—including 50 supported by scholarships—made possible by $1 million in donations from NV Energy
- **Solar Decathlon’s Team Las Vegas** is helping to shape both curriculum and research.

RESEARCH

- **Bob Boehm**, a globally renowned expert in solar power engineering, heads UNLV’s Center for Energy Research, operating Amonix solar arrays and an extensive, evolving rooftop solar laboratory on campus. Boehm’s portfolio ranges from a busy teaching schedule to lecturing in East Asia to cutting-edge PV research and passive solar building design in a development with Pulte Homes.
- **Yahia Baghzouz**, collaborating with Dr. Boehm, specializes in electrical engineering.
- **Hui Zhao** studies third generation nanocrystal-enhanced dye-sensitized solar cell (low-cost/ high-efficiency); storage
- **Clemens Heske** has assembled a state-of-the-art chemistry lab in the Science and Engineering Building, where a prime focus is exploring structure and interfaces of thin-film PV.
- **Alfredo Fernandez-Gonzalez**, architect and head of UNLV’s Natural Energies Advanced Technologies Laboratory (NEAT) specializing in passive solar in green buildings. Las Vegas Valley has more LEED-certified buildings, per capita, than any metropolitan area in the
US. NEAT oes beyond LEED certification to localized energy and water innovations.

- **BJ Das** researches solar cell nanotechnology.
- **Oliver Hemmers** heads the [Harry Reid Center for Environmental Studies](https://www.nevada.unr.edu/harry-reid-center-for-environmental-studies).
- **Researchers, led by Drs. Boehm and Jaci Batista**, are developing an ambitious interdisciplinary energy-environment-water nexus collaborative research program with Desert Research Institute and University of Nevada, Reno.

**JIM ROSSI** is a graduate student studying renewable energy at UNLV, and has written for the Los Angeles Times, Bike and many other publications.

**TYSON FALK** is a policy analyst for NIREC and is the state coordinator for Young Professionals in Energy-Nevada.

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**You Are Invited!**

**Young Professionals in Energy - Nevada**

*Education - Activities - Networking*

[www.ypenevada.org](http://www.ypenevada.org)

All ages and career-levels welcomed!