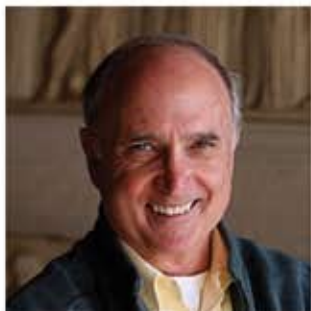


Fall 2012 Hot Science - Cool Talks:

Building Health and Resilience to Meet Global Challenges



David Orr

September 14, 2012

Black Swans & the U.S. Future: *Creating Sustainable & Resilient Societies*

'Black Swans' are unpredictable events that can drive change in both human and natural systems. David Orr, a leading environmental philosopher, asks if we can prepare for, absorb, and recover from the unpredictable disruptions from climate-related ecological change. He will discuss promising strategies of sustainable design and technology to create resilient societies and support systems. Co-sponsored by UT's Office of Sustainability, ESI, School of Architecture, and Center for Teaching and Learning.



Jay Famiglietti

October 26, 2012

Last Call at the Oasis: *Will There be Enough Water for the 21st Century?*

Without water, life cannot exist. Yet, the crisis faced by our most precious resource will be the key issue the world faces in the 21st century. Jay Famiglietti explores this challenge for both Texas and California using innovative satellite technology and his experience as a featured scientist in the 2012 film entitled *Last Call at the Oasis*, which was produced by the company that brought us *An Inconvenient Truth*.



Mark Clanton

November 30, 2012

The War on Cancer: *41 Years after Nixon's Declaration*

In 1971, U.S. President Richard Nixon declared war on cancer by signing the National Cancer Act. How has our understanding, awareness, and treatment of cancer progressed over the years? Have we identified new causes? What new breakthroughs lie just around the corner? Mark Clanton, Chief Medical Officer of the American Cancer Society - High Plains Division, will provide perspectives and insights on this war that most people never hear about despite seeing cancer's prevalence in our society.

For all events: Pre-lecture Fair begins at 5:00pm; Lecture at 7:00pm CST

For more information, visit www.hotsciencecooltalks.org



Environmental Science Institute

Fostering environmental research, education, and outreach across disciplines

The University of Texas at Austin

What is *Hot Science – Cool Talks*?

...it is more than just a lecture!

Staying up-to-date on the latest advances in science is hard for busy teachers. *Hot Science – Cool Talks* empowers educators with the tools to plug into emerging issues across a wide range of science topics, and make important concepts teachable across K-12 grade levels.

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- Point-and-click access to emerging issues in science and sustainability
- Live speaker Q&A for you and your students
- Create your own satellite viewing event at your school

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- On-demand playback of previous *Hot Science – Cool Talks*
- Select from a wide array of hot topics
- Download presenter presentations and notes for use in your class

Connect students to their science future in-person

Hot Science – Cool Talks on Campus

- Hands-on science activities for K-12 students and families
- Meet science and sustainability organizations, University groups, and students
- Face-to-face interactions with “cool scientist” role models

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Free CD-ROMs

- TEKS-aligned lesson plans
- *Hot Science – Cool Talks* presentation footage
- Learning modules and links to further resources

Teacher Professional Development Workshops

- Expert-led demonstrations of new lesson ideas and approaches
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