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Nevada Broadband Summit - Where were you?

Much as trains were to the 19th Century and cars were to the 20th, Broadband is the essential infrastructure to the 21st Century. Sustainable economic development, public safety, health care, education and efficient office practices, to say nothing of international communication and an array of entertainment can come into (or invade from another perspective) one's home, and soon, ones magic little 3x5 device.

Although a wide variety of topics were addressed, the third Nevada Broadband Summit focused on education, with Dale Erquiaga, newly appointed state superintendent opening with a story. Chauncy Smith, State Superintendent for Public Instruction in 1935, approached the state legislature for an appropriation to buy a movie projector and associated equipment. The cost was \$800. It was denied.

Just as was DOE's request to have a hand-held device for every student in every classroom at the 2013 session.

But as we all know, one day there would be projectors (as well as many other little devices) at least in every school and there would be AV techs on staff. And now every institution, business, and even one's home needs an IT person.

And that was the message.....chartering a course to high standards of education in order to graduate college and/or career ready students is the education mission part of the overall Broadband deployment mission.

There were analogies to Prometheus bringing fire to man, not just to warm but to invent everything that followed, to help mankind move forward. Broadband can be that fire, “the campfire in the desert”.

To obtain a replay of the conference, go to

I will be including snippets in future Journals.

[SBA Celebrates National Native American Heritage Month](#)

November marks an important time in our history and in the history of Native Americans in this country. This month, the SBA is celebrating National Native American Heritage Month. And we're working hard to help build entrepreneurial empowerment for American Indian, Alaska Native and Native Hawaiian communities. [> Read more](#)

[Cobell Settlement to Begin Paying Out by Christmas](#)

indiancountrytodaymedianetwork.com

[Secretary of the Interior Ken Salazar announced this week that the federal government was set to release funds designated for the approximately 350,00](#)

City of Las Vegas Solar Program Named Renewable Project of the Year by the Association of Energy Engineers

City Wins In Region That Includes Western States

The **City of Las Vegas Solar Program** has been named the **Renewable Project of the Year** by the Association of Energy Engineers. The regional award includes Alaska, Arizona, California, Hawaii, Idaho, Nevada, Oregon, Utah and Washington.

The award recognizes outstanding organizations that have made important contributions to the energy profession at local, regional, national and international levels.

Since 2009, the City of Las Vegas has made more than \$65 million in investments in clean energy, water conservation, recycling, green building and alternative transportation that have resulted in significant positive impacts to the environment, economy and community. Over the past year, the city has continued its efforts including installing three megawatts at its wastewater treatment plant to its existing two megawatts of rooftop solar at city fire stations, community centers, parks, fire stations and other public facilities.

With the completion of the 25-acre solar project at the wastewater treatment plant, the city anticipates generating more than 10 million kilowatt hours, saving the city more than \$1 million in addition to the nearly \$5 million in savings from energy conservation projects. Another 350 kilowatts are currently under development at the city's East Yard and City Hall Parking Garage.

A new 55-kilowatt system was activated in September at the city's Emergency Operations Center, which will help offset its power consumption.

The **Association of Energy Engineers (AEE)** is a nonprofit professional organization that specializes in training, membership development, chapter development, and the certification of professionals practicing in multiple fields of energy, including energy management, renewable energy and green building.

Plaque Presentation

In recognition of the City of Las Vegas's initiative to go green, USGBC Nevada Chapter presented Las Vegas City Hall with its very own LEED Gold Certification plaque early Wednesday morning on October 16th, 2013. The plaque presentation at the city council meeting was only a modest token of recognition for the city's numerous efforts to promote a more sustainable future.

Among **LEED Gold Certification of City Hall**, other notable contributions made by the City of Las Vegas include:

- Changing out 230 miles of bike lanes
- Changing over 80% of the city's 55,000 street lights with LED fixtures
- Certification of four LEED buildings to LEED Gold and LEED Silver standards.

While there is still plenty of opportunity for improvement, Las Vegas is certainly moving forward towards a brighter, greener future.

Visible Transmittance: Let the Light Shine Through Without the Heat

One of the most obvious ways high-performance windows save energy in southern Nevada's homes and buildings is by minimizing solar heat gain, but visible transmittance (VT) clearly offers additional benefits.

Simply put, VT measures how much natural light can enter your home or building. It's measured on a scale from zero to one. A higher number means more light can enter.

Strange though it may seem, there exist many wavelengths in the electromagnetic spectrum that the human eye cannot detect. Unlike common goldfish, which are widely-believed to see infrared and ultraviolet light, both are invisible to humans.

VT is the amount of light in the visible portion of the spectrum that passes through a window. While this doesn't directly affect energy use, it has an indirect impact by reducing reliance on electric lighting.

Choosing just the right level of VT can also make the indoor environment more pleasant and comfortable, emitting enough light to brighten rooms without causing glare on the television screen, for example. The right level of VT can also add privacy and reduce the fading of furniture and artwork, which is caused primarily by excessive exposure to ultraviolet light.

VT is influenced by the glazing type, the number of panes, and any coatings, films, or tints. Levels of VT range from over 90 percent for uncoated water-white (picture frame) clear glass to less than 10 percent for coated or tinted glass.

The VT of a typical double-pane Insulated Glass Unit (IGU) is 75-80 percent. Adding attachments such as blinds or shades allow modulating the transmittance to meet changing needs and to suit individual tastes and preferences.

In the past, coatings designed to reduce solar heat gain also reduced VT. The nanomaterials revolution, however, has produced innovations such as adding thin layers of metal and metal oxide to windows, enabling them to block high levels of heat-generating infrared light while allowing the majority of visible light to pass through.

Solar heat gain and VT work in unison to make homes and buildings more comfortable and energy efficient, so be sure to check both before making a purchase. Combining low solar heat gain with high visible transmittance will help your energy dollars go further.

Tom Herron, MBA, LEED Green Associate, Senior Manager, Communications and Marketing
[The National Fenestration Rating Council](#)

Spotlight: Bombard Renewable Energy

Bombard Electric, LLC has been proudly delivering quality electrical systems in Nevada since 1982 and has the experience of more than \$1.4 billion in total construction revenues. Bombard is one of Nevada's largest commercial electrical contractors specializing in building the electrical systems in the world famous casinos resorts on the Las Vegas Strip.

In 2006 Bombard committed to becoming Nevada's renewable energy experts, focusing on solar and wind energy systems. Since 2006, Bombard has assembled a team of experienced designers and qualified technicians to meet the demands of today's energy needs and to prepare for emerging technological advancements in field of renewable energy.

A portion of the Springs Preserve solar PV system built by Bombard
Bombard Renewable Energy quickly became one of the largest and most experienced solar photovoltaic (PV) installation companies in the United States. In its over 500 renewable energy projects completed, Bombard has installed more than 65 megawatts of solar PV systems while also installing dozens of wind energy systems.

Bombard has built high profile solar PV systems in our community like the Springs Preserve, Nellis Air Force Base, and both Las Vegas and North Las Vegas City Halls, as well as residential solar PV systems and large utility scale solar PV facilities. In 2012 Bombard was ranked #13 on Solar Power World's 2012 Top 100 Solar Contractors list.

Bishop Gorman High School is the latest Nevada non-profit to benefit from Bombard's Nevada Solar Solutions program

In 2013 Bombard continued its work with Nevada non-profits, installing 637 kilowatts of solar PV systems through its Nevada Solar Solutions program. Since 2010 Bombard has installed a total of 5.2 megawatts of solar PV for 32 Nevada governmental and non-profit organizations through Nevada Solar Solutions. Projects in Bombard's Nevada Solar Solutions program are funded through NV Energy solar rebates and the federal renewable energy investment tax credit.

3D rendering of the solar trees at the famous Welcome to Las Vegas sign

In the Fall of 2013, Bombard worked with Green Chips and The Clean Energy Project to bring solar power to the famous Welcome to Las Vegas sign on South Las Vegas Blvd. Beginning in January of 2014, the famous Las Vegas landmark will be powered by three "solar trees" that will provide shade for visitors to the sign while also demonstrating to the world Nevada's commitment to clean energy.

For more information how your home, business, or non-profit organization can benefit from a solar PV system, please visit: www.bombardre.com.

During the Healthy Communities Coalition meeting yesterday, Christy McGill urged people to read two short articles on 2 big concepts Coalition volunteers/partners/staff will be building on over the next year. Links to both articles are below. "Collective Impact", which was published in the Stanford Social Innovation Review asks, **"What might social change look like if funders, nonprofits, government officials, civic leaders, and business executives embraced collective impact?"** " http://www.ssireview.org/articles/entry/collective_impact

The second article, **"When Good Is Not Good Enough"**, asserts, "We must find the courage to aim for the harder-to-achieve long-term outcomes that will solve social problems. Good is not good enough when people are suffering." It was published in the Stanford Social Innovation Review this fall. http://www.ssireview.org/articles/entry/when_good_is_not_good_enough

[Yakama Nation Gathering of Native American Training](#) digitalsmokesignals.tv

[This video is about Yakama Youth 2012 GONA training conference filmed and edited by Myron Dewey of Digital Smoke Signals. GONA is four-day healing journey that explores the issues brought on by multigenerational trauma. Some communities choose to break the GONA training up over several weeks and exp...](#)

Skydancer

The Brooklyn Bridge, the Empire State Building, the World Trade Center: for more than 120 years, Mohawk ironworkers have raised America's modern cityscapes. They are called 'sky walkers' because they walk fearlessly atop steel beams just a foot wide, high above the city. Who are these Mohawk sky wal...

[19-year-old-develops-cleanup-array-to-remove-7250000-tons-of-plastic-from-oceans/](#)

<http://auntiedogmasgardenspot.wordpress.com/2013/05/15/growing-onions-vertically-on-the-windowsill/>

http://m.runnersworld.com/high-school-racing/coyote-joins-5k-at-arizona-state-xc-championships?cm_mmc=Facebook_-_RunnersWorld_-_Content-News_-_CoyoteXCRace



Picking Sage and Great Advice from an Elder

Salvia apiana (White sage, bee sage, or sacred sage in English, qaashil to the Luiseno, shlhtaay or pilhtaay to the Kumeyaay, kasiile to the Tongva, we'wey to the Chumash, qas'ily to the Cahuilla, shaltai to the Paipai, lhtaay to the Cochimi) is an evergreen perennial shrub that is native to the southwestern United States and northwestern Mexico, found mainly in the coastal sage scrub habitat of Southern California and Baja California, on the western edges of the Mojave and Sonoran deserts.

S. apiana is widely used by Native American groups on the Pacific coast of the United States. The seed was a main ingredient of pinole, a staple food. The Cahuilla harvested large quantities of the seed that was mixed with wheat flour and sugar for gruel or biscuits. The leaves and stems were eaten by the Chumash and other tribes. Several tribes used the seed for removing foreign objects from the eye, similar to the way that Clary sage seeds were used in Europe. A tea from the roots was used by the Cahuilla women for healing and strength after childbirth. The leaves are also burnt by many native American tribes, with the smoke used in different purification rituals.

for video: <http://auntiedogmasgardenspot.wordpress.com/2013/10/24/picking-sage-and-great-advice-from-an-elder/>

LRInspire

lrinspire.com

Wellness Leadership Education

Myron Dewey: M.I.T open courseware from Massachusetts Institute of Technology, a great place of free learning: <http://ocw.mit.edu/>

Annette Gore Library @ the Wah-Zha-Zhi Cultural Center

From Kansas to Home, A Cultural Experience

Last month we celebrated our ancestors' journey from Kansas to Home.

About 100 people participated in the 3-mile walk from the border of Kansas to the Mullendore Cross Bell Ranch.

The first day was an easy walk to the camp, where along the way signs were posted, explaining the Osage customs and life of yesterday and today.

We enjoyed wonderful traditional meals (our cooks are amazing!) and visited with each other. A few rounds of hand games and Indian Dice were played. We also danced in celebration. At night we enjoyed s'mores and cocoa around the bonfires and told a few stories.

The next day was cool and cloudy, but no rain. We walked the rest of the path, which took us through beautiful woods, wash outs and red rock. Wild horses and cows warily watched us pass through the ranch. The Mullendore family greeted us with Dink's B-B-Q .

If you have not yet gone on the Cultural Walk to celebrate your ancestors' journey, please consider joining the experience next October.

Our Mission

As the genealogy and cultural center of the Osage Nation community, the Annette Gore Library ("Library") is accessible and active in outreach to people of all ages and backgrounds. The Library ensures the survival of the Wah-Zha-Zhi Nation of people by sharing, preserving and celebrating the values, teachings and tribal ways that our elders entrusted to the present and future generations. The Library offers an extensive collection of genealogy books and documents, oral history recordings, local history books and pictures to fulfill this mission and emphasizes a desire to connect the past to the present for a prosperous future.

To Share, Preserve and Celebrate!

Visit us on-line too!! Library Hours: 9-2, M-F E-mail: kauschwitz@osage-tribe.org

Welcome to National History Day!

What is the National History Day Contest, you ask? Each year more than half a million students just like you participate. You will choose a historical topic related to the annual theme, and then conduct primary and secondary research. You will look through libraries, archives and museums, conduct oral history interviews, and visit historic sites. After you have analyzed and interpreted your sources, and have drawn a conclusion about the significance of your topic, you will then be able to present your work in one of five ways: as a paper, an exhibit, a performance, a documentary, or a web site.

In the spring, you may enter your work into local NHD contests where it will be judged by professional educators and historians. If your work is chosen as one of the best, you will move on to your state's NHD contest. As a winner at your state NHD contest, you will be eligible to attend the Kenneth E. Behring National History Day Contest at the University of Maryland at College Park in June. This is where the best National History Day projects from across the

United States, American Samoa, Guam, International Schools and Department of Defense Schools in Europe all meet and compete.

Congratulations on embarking on your National History Day journey! It is sure to be a memorable one. You never know what information you might find, or whom you may get to meet. And the skills you will learn along the way will last a lifetime.

The 2014 Kenneth E. Behring National History Day Contest will be held June 15 - 19.
<http://www.nhd.org/Contest.htm>

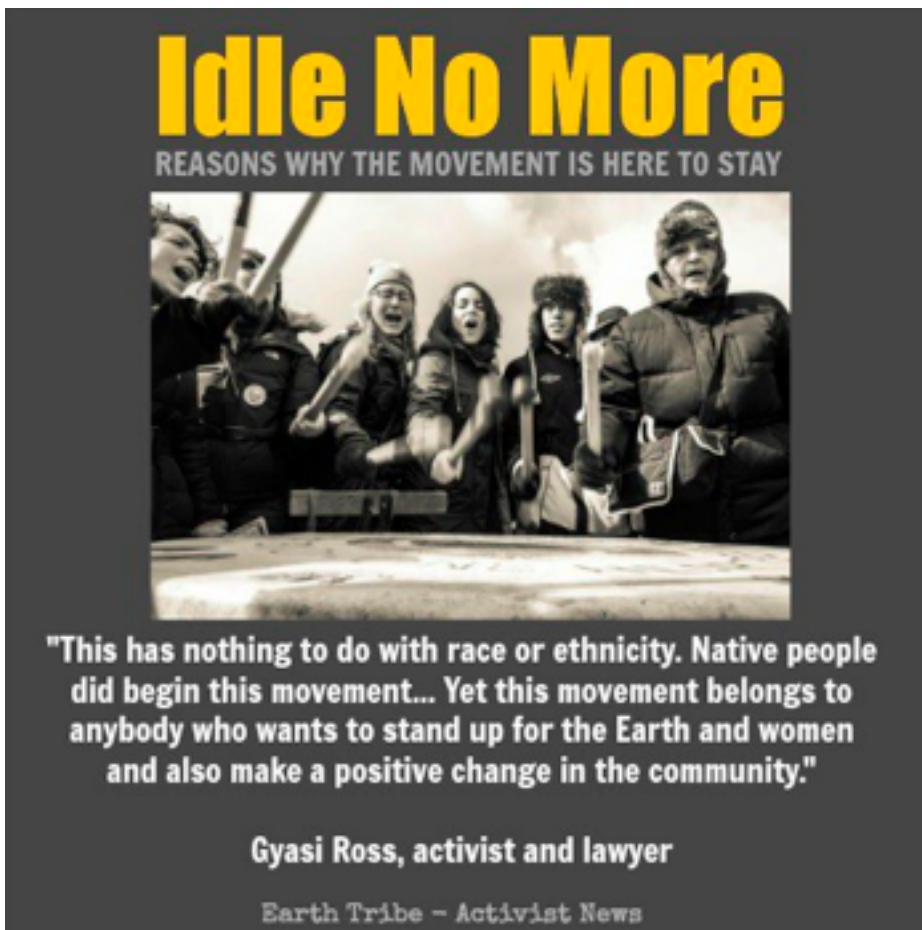
Before you begin work on an entry for competition, you, your teacher, and your parents should carefully read the National History Day Contest Rule Book. Below is a PDF file of the rule book that contains all of the rules that you must follow to compete at any level of the National History Day competition. More information on topics, sources, and deadlines are available from your district and state National History Day coordinators. Always contact your district or state coordinator to learn if any rules have been revised since the publication of this rule book.

<http://www.nhd.org/rules.htm>

State Coordinator for **Nevada**. Northern **Nevada**: Christine Hull Nevada Department of Education 700 E. Fifth Street Carson City, NV 89701. Phone: (775) 687- ...

Northern Nevada:

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Phone: (775) 687-9189 Email: chull@doe.nv.gov



Southern Nevada:

Emily Rodriquez, Southern Nevada Council for the Social Studies President
Project Facilitator, K-12 Social Studies, CCSD, Curriculum and Professional Development
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Phone: (702) 799-8497 ext. 5027 Fax: (702) 799-8499 Email: erodriquez@interact.ccsd.net

Website: [History Day in Nevada](#) Go to the [Nevada affiliate page](#)

NHD's Making History Series

- [How to Create a Historical Documentary](#)
- [How to Create a Historical Exhibit](#)
- [How to Create a Historical Paper](#)
- [How to Create a Historical Performance](#)
- [How to Create a Historical Web Site](#)

CASINO OPPONENTS SEEK TO BLOCK WYNN RESORTS, OTHER PROPOSED CASINO PROJECTS

An organization of casino opponents will take to the streets statewide this weekend in Massachusetts trying to gather enough signatures to place a referendum on the ballot next year to repeal the state's gambling law.

<http://erj.reviewjournal.com/ct/uz3688753Biz19109565>

SBA News

[How to Apply for an SBA Microloan](#)

One of the best SBA lending programs for very small businesses, particularly those in the start-up stage, is the [Microloan Program](#), which provides small business loans of up to \$50,000. Microloans have helped thousands of small businesses succeed. Learn if yours could be the next! > [Read more](#)

[Small Businesses Should Consider International Expansion](#)

Are your goods or services needed in other parts of the world? Can you source your materials more efficiently overseas? International business holds enormous potential for business – not just large corporations, but small operations as well. Here's some insight to see if it's right for you. > [Read more](#)

[Business Credit Cards: What Every Business Owner Should Consider](#)

Business credit cards are a major source of financing for small business owners in today's economy, with over 65% of small businesses using credit cards on a frequent basis. If you're in the marketplace for business credit cards, take into consideration these six key aspects to help you decide. > [Read more](#)

[Bob Tregilus](#)

Below is an excellent piece authored by a deep-sea biologist, population/conservation geneticist, and backyard farm advocate, who responds to the viral "28 Signs That The West

Coast Is Being Absolutely Fried With Nuclear Radiation From Fukushima." The deep-sea biologist/geneticist states in his conclusion that: "The West Coast of the United States is being fried. It's being fried by over-fishing, agricultural run-off, runaway development, and a host of other issues, but it's not being fried by Fukushima, and articles that promote that fallacious argument are distracting us from the dominant causes of environmental degradation on our coasts: Us."

28 fallacies about the Fukushima nuclear disaster's effect on the US West Coast

www.southernfriedscience.com

[The Fukushima Daiichi nuclear power plant is back in the news, with recent reports of continued leaks. Coming on the heels of these new reports is a viral blog post entitled 28 Signs That The West ...](#)

WHOI: <http://www.whoi.edu/page.do?cid=94989&pid=83397&tid=3622>

FAQ: Radiation from Fukushima : Woods Hole Oceanographic Institution

www.whoi.edu

On March 11, 2011, a magnitude 9.0 earthquake 80 miles off the northeast coast o...See More

State department announces awarding of tax credit authority totaling \$200 million

LAS VEGAS REVIEW-JOURNAL

The state of Nevada Department of Business and Industry announced Friday that it has awarded tax credit authority totaling \$200 million to seven community development entities.

The tax credit authority was issued under the Nevada new markets tax credit program which encourages economic development in low-income and distressed communities by making tax credits available to community development entities for targeted investments in eligible areas statewide.

Tax credit authority was issued to the following entities:

- Advantage Capital Partners, \$32 million.
- Enhanced Capital Partners Inc., \$32 million.
- KHC New Markets Fund LLC, \$32 million.
- Stonehenge Community Development LLC, \$32 million.
- The Clearinghouse CDFI, \$8 million.
- Urban Development Fund LLC, \$32 million.
- USBCDE LLC, \$32 million.

The department will host a new markets tax credit roundtable from 1-4 p.m. Monday at the the Grant Sawyer Building, 555 E. Washington Ave., Suite 4500. The roundtable will provide an

overview of the program and give local governments, Regional Development Authorities, private industry and others an opportunity to connect with and introduce qualified projects to the award recipients for potential funding.

For more information about or to attend the NMTC Roundtable, please contact Kent Steadman at (702) 486-3755 or ksteadman@business.nv.gov.

[Best mortgage for Natives](#) www.1tribal.com

LAS VEGAS RESORTS WHITTLE AWAY WASTE

As resorts fight for customers on the Strip in the flashiest ways imaginable, a different sort of competition quietly unfolds on loading docks at the back of the house. There, workers sift through bags of trash from the rooms, restaurants and casinos, culling and sorting reusable items from a shrinking stream of landfill waste. A recycling arms race has broken out among the city's gaming giants, and the battle for green supremacy continues to grow. MGM Resorts International, Caesars Entertainment and Las Vegas Sands Corp. all have company-wide sustainability efforts and dedicated staff members who get paid to look for new ways to trim waste, cut water and power use and save money. Much of the focus lately has been on boosting recycling, and it goes far beyond the usual bins of paper, glass and aluminum.

<http://erj.reviewjournal.com/ct/uz3688753Biz19088661>

