

**Journal #2656**

**from sdc 8.14.12**

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**Researchers find surprises in Lake Tahoe data**

**SANDRA CHEREB, Associated Press**

An annual report released Thursday detailing the status of Lake Tahoe's health and clarity has researchers rethinking some long-held assumptions and focusing on trends that may be linked to climate change.

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**Significant improvement to Lake Tahoe's clarity confounds scientists**

**Kathryn Reed, Lake Tahoe News**

Another year of data about Lake Tahoe's clarity provides more confusion for scientists.

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**Climate change is affecting Lake Tahoe clarity and health**

**KAT KERLIN, UC Davis News Service**

Despite an extreme weather year, overall clarity at Lake Tahoe improved in 2011. Yet underlying trends portray a more complex picture of the Lake Tahoe ecosystem, according to the annual "Tahoe: State of the Lake Report 2012," released today by the Tahoe Environmental Research Center at UC Davis.

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**A legal phenom takes on an invented subspecies**

Washington Examiner

Damien Schiff, principal attorney at the Pacific Legal Foundation, is emerging as the scariest threat yet to the enviro-litigation industry and its allies in the federal government. One can tell by Big Green's dismissive obfuscation. The Supreme Court listens to Schiff attentively. He won the Sackett property rights case this March -- unanimously, 9-0.

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**Envirovolution connecting students with clean, green community projects**

RGJ Written by [Michael Martinez](#)

**Envirovolution Community Partners**

Some of the businesses that were visited during the training:

- Great Basin Community Food Co-op
- Reno Bike Project
- Grow For Me Sustainable Farm/GirlFarm
- Peppermill Resort Spa Casino to study the geothermal plant
- Ormat Technologies Inc.
- Desert Research Institute

The Three Spheres Leadership Academy was started in June by Envirolution, a sustainable environment education group, to plug students into the local clean and green community and open their eyes to possible future careers.

If Zachary Hodgson is any indication, the new program is moving in the right direction.

Hodgson, 18, a recent Reed High School graduate, said that before the summer training, he lived in his own little bubble.

“I guess I just got a kind of awareness,” he said. “This program just showed me that our actions can affect the entire planet.”

Alex Gamboa, founder/president of Envirolution, said the academy is stage two of the group’s campaign to teach sustainability concepts in schools.

“What we noticed is that there were a lot of students who were passionate about sustainability,” Gamboa said. “So for us, we needed to capitalize on those students that were very excited about it and give them a next-level program.”

Academy director Skye Laskin said that when Envirolution went to recruit students for the program, he told school officials he wasn’t necessarily looking for the best and the brightest.

“I wanted people that cared about the community, whether they knew or not how to help it,” Laskin said.

He said the program teaches the skills and provides the information to bridge that passion to a career.

Laskin said the three spheres represent the environment, society and economic development.

“We really thought we could encapsulate this program around those three ways of filtering information,” Laskin said before the students’ recent graduation from the eight-week training.

“Our mission is to empower young leaders to grow sustainability and help youth obtain careers in this industry,” Gamboa said. “So we created a program that gave them a broad-base introduction into all things revolving about sustainability in the community, provide them with the connections and have them talk to local leaders that are doing green things.”

The eight students in the summer program were also charged with creating their own sustainability projects in the community.

Hodgson said his project was based on the concept of repurposing, finding new uses for discarded material.

“If you have a shirt, instead of throwing that shirt away, you can cut it up and make it into a rag; that way you don’t just throw it away and it ends up in a landfill,” Hodgson said. “My project is called, ‘It’s Not Trash, It’s Repurposed Clothes.’”

He said the idea is to take donations of clothes and fabric and give them a new home and new use.

“And I just want to bring awareness to the community that throwing old things away may not be the best option,” Hodgson said.

The students have taken more than a dozen field trips to places like Great Basin Community Food Co-op and Ormat Technologies Inc. to illustrate the possibilities.

“They are the next generation, and they are going to be speaking through their dollars,” Laskin said. “What they decide to spend their money on and what they invest their efforts into is really going to form the next chapter in our journey as the human race.”

Speakers such as Kimberly Phipps-Nichol, a local sustainable interior design advocate, and Envirolution’s David Gibson on green energy helped give context to what the students learned on their forays into the community.

The next step is to continue monthly meetings to help students with their projects and groom them to obtain careers, including internships and higher education opportunities.

“It’s the career component,” Gamboa said. “We want to help them fine-tune their visions.”

### **Community support**

Envirolution worked the program on shoestrings.

The budget for the program was about \$2,000, with Nevada State Bank providing about \$1,000 and high schools that supplied students — including Reed High School, Washoe Innovations and Washoe Inspire — also providing some capital.

“We wouldn’t be able to complete it without all these partners, for sure,” Gamboa said.

The community stepped up to provide student lunches, including PJ & Co., El Adobe Cafe, Newmans Deli, Rose’s Restaurant, T’s Mesquite Rotisserie in Incline Village, the Little Waldorf Saloon and the Great Basin Brewery, among others.

“Eighty to 90 percent of the lunches were sponsored by local restaurants,” Gamboa said. “We hit up everybody, and these restaurants were so open to helping a program like ours.”

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**Climate change consortium to help specialty crop growers** Aug. 10, 2012

California's specialty crops account for more than half of the nation's fruits, vegetables, and nuts as well as nearly \$7 billion dollars of exports worldwide. California's production of diverse specialty crops is threatened by potential climate-related phenomena, including reduced water supplies, increased plant heat stress, decreased chill hours, shifts in pollinator lifecycles and increased influx of invasive species. Addressing these risks to ensure agricultural adaptation to climate change will require a concerted effort and is an objective of California Agricultural Vision: Strategies for Sustainability.

Climate change and its impacts are frequently discussed in the agricultural community, but there is a need for a strategic evaluation of these risks as well as a compilation of potential solutions. To address this need, CDFA Secretary Karen Ross is announcing the establishment of a consortium of growers, educators, and technical experts in California to study and make recommendations on strategies for climate change adaptation.

The consortium will consist of:

- Four members from different agricultural associations and commodity groups in California
- One grower of each of the following specialty food crops; grapes, strawberries, almonds, tomatoes, walnuts, lettuce, citrus, pistachios, broccoli, and tree fruits.
- One scientist from the University of California system
- One extension specialist from the University of California Cooperative Agriculture
- One scientist from the California State University system
- One member that is a licensed Pest Control Adviser/Crop Control Adviser
- One member that is an Agricultural Commissioner
- One member from the California Resource Conservation Districts

Four two-day workshops are planned: Modesto (November, 2012), Tulare (January, 2013), Napa (March, 2013), and San Diego (May, 2013). At each session, the consortium members will hear about recent scientific findings, consider information shared by stakeholders, and compile specific practical solutions for the adaptation of California's specialty crops to climate change. Recommendations made by the consortium will be made available to the secretary of CDFA and distributed to stakeholders with the goal of helping growers adapt to climate change impacts.

Attendance at these workshops by consortium members is mandatory. Travel expenses for the consortium members to attend the two-day sessions will be reimbursed.

Individuals interested in being considered for the consortium are encouraged to send a brief resume by September 5, 2012 to the California Department of Food and Agriculture, 1220 N Street, Room 315, Sacramento, Calif., 95814, Attn: Carolyn Cook or via email [carolyn.cook@cdfa.ca.gov](mailto:carolyn.cook@cdfa.ca.gov).

The intended outcome of this consortium's work is to help growers prepare for future impacts from climate change through practical, strategic solutions.

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## **US Freezes 19 Nuclear Power Plant Licensing Decisions**

*Mat McDermott, TreeHugger*

Intro: "A US Court of Appeals ruling saying that spent nuclear fuel stored at nuclear power plants 'poses a dangerous, long-term health and environmental risk' has prompted the Nuclear

Regulatory Commission to halt all pending licensing decisions." [READ MORE](#)

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[Geronimo E-KIA, a poem by the 1491s](#) [www.youtube.com](http://www.youtube.com)

[Accompanying music by A Tribe Called Red On May 1st around 3:30pm President Obama received a message from a Navy SEAL saying "Geronimo- E KIA" the code meani...](#)

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## **GrantStation**

### *National Funding Opportunities*

\*Support for Children's Health and Well Being [Ronald McDonald House Charities](#)

Ronald McDonald House Charities (RMHC) supports nonprofit organizations whose programs help improve the health and well being of children throughout the world. Grants are provided to stable, efficient U.S.-based organizations operating domestically or internationally that have an extensive impact on children. (Programs that are local in scope are not supported.) The current focus is on sustainable, replicable projects that include a train-the-trainer component in their pursuit of addressing the most pressing issues relating to children's health and well being. Online applications will be accepted through August 31, 2012. Visit the RMHC website to review the application guidelines.

Native American Programs Funded [Seventh Generation Fund for Indian Development](#)

The Seventh Generation Fund for Indian Development is dedicated to promoting and maintaining the uniqueness of Native peoples and the sovereignty of tribal Nations throughout the Americas. The Fund's primary grantmaking program areas include the following: Arts and Cultural Expression, Environmental Health and Justice, Human Rights, Sustainable Communities, Intergenerational Leadership, and Women's Leadership. Grants from \$500 to \$5,000 are provided three times per year to Native communities that address one or more of the Fund's program areas. The application deadlines are February 1, June 1, and October 1, annually. (Mini-grants of up to \$500 are reviewed throughout the year.) Application guidelines and forms are available on the Fund's website.

\*Grants for Social Change Media Projects [The Fledgling Fund](#)

The Fledgling Fund seeks to improve the lives of vulnerable individuals, families, and communities by supporting innovative media projects that target entrenched social problems. The Fund's creative media initiative provides grants to nonprofit organizations throughout the U.S. for film and other media projects that engage key audiences in efforts to affect positive social change. Grants typically fall in the following broad areas: Environmental Justice, Girls' Empowerment and Women's Leadership, Health and Wellness, Economic Justice and Systemic Poverty, Educational Experiences, and the Justice System. The upcoming deadline for letters of inquiry is September 17, 2012; invited applications will be due on November 14, 2012. Visit the Fund's website to learn more about the application process.

Field Trips for K-12 Schools Supported [Target Field Trip Grants](#)

The Target Field Trip Grants program provides funds for K-12 field trips in order to give students throughout the country the opportunity to explore more of the world outside the classroom. Over 5,000 grants of up to \$700 each will be awarded to educators, teachers, principals,

paraprofessionals, and classified staff who are employed by accredited K-12 public, private, or charter schools only. (Parents, PTOs, after-school programs, Pre-K centers, and other nonprofit organizations are not eligible to apply.) Types of eligible trips include art, science, and cultural museum visits; community service and civic projects; career enrichment opportunities; and other events or activities away from the school facility. Funds may be used from January 2013 until the end of the school year to cover trip-related costs such as transportation, ticket fees, food, resource materials, and supplies. Online applications must be submitted by October 1, 2012. Visit the Target website to learn more about the program.

### ***Regional Funding Opportunities***

Funds for Youth Programs in the Pacific Northwest

**[Charlotte Martin Foundation](#)**

The Charlotte Martin Foundation supports nonprofit organizations that provide services in urban, rural, and tribal communities throughout Alaska, Idaho, Montana, Oregon, and Washington. The Foundation is dedicated to funding projects that enrich the lives of youth (ages 6-18) in the areas of athletics, culture, and education. Grants are also provided for the preservation and protection of wildlife and habitat. The final application deadline for 2012 is September 30. Visit the Foundation's website to review the goals and priorities for each of the Foundation's program areas.

Grants Promote Environmental Initiatives in New England

**[New England Grassroots Environment Fund](#)**

The mission of the New England Grassroots Environment Fund is to energize and nurture long term civic engagement in local initiatives that create and maintain healthy, just, safe, and environmentally sustainable communities. The Fund offers two grant programs designed to foster grassroots environmental initiatives in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. Seed Grants of \$250 to \$1,000 help volunteer groups launch and build their newly evolving projects. Requests for this program may be submitted throughout the year. Grow Grants of \$1,000 to \$3,500 enhance the ability of established groups to increase capacity, collaborate, and leverage impact. The application deadline for this program is September 15, 2012. Visit the Fund's website for more information about these grant programs.

Support for Illinois Legal Aid Organizations

**[Lawyers Trust Fund of Illinois](#)**

The Lawyers Trust Fund of Illinois makes grants to nonprofit organizations that provide civil legal aid to low-income individuals and families in Illinois. The Fund gives preference to organizations that provide substantial amounts of direct legal assistance to low-income clients facing critical legal problems. Nonprofit organizations throughout the state that provide services without charge to clients are eligible to apply. The application deadline is September 14, 2012. Guidelines and application forms are available by contacting deputy director Mark Marquardt at 312.938.2133 or via email at [mark@lwf.org](mailto:mark@lwf.org).

Animal Welfare Programs in Colorado Funded

**[Animal Assistance Foundation](#)**

The Animal Assistance Foundation is dedicated to making Colorado a model state for animal welfare. The Foundation provides grants to nonprofit organizations and government agencies that have a positive impact on animals and their owners throughout the state. The Foundation's 2012 grant priorities include increasing spay/neuter services, animal shelter optimization (including

equine), new ideas or innovations in animal welfare, and the prevention of cruelty to animals. Grant awards are generally between \$2,000 and \$5,000. The Foundation focuses its funding on rural communities, communities with high need, and communities that lack access to resources. The upcoming application deadline is September 28, 2012. (Prior to completing a formal application applying organizations must submit a letter of inquiry.) Visit the Foundation's website to review the grant guidelines.

### ***Federal Grant and Loan Programs***

Funds Available to Advance and Educate Librarians [\*\*Institute of Museum and Library Services\*\*](#)

The Laura Bush 21st Century Librarian Program provides support to develop faculty and library leaders, recruit and educate the next generation of librarians and archivists, build institutional capacity in graduate schools of library and information science, and assist in the professional development of librarians and archivists. The program also seeks to help librarians develop the information and digital literacy of their communities, as well as other critical skills their users will need to be successful in the 21st century. The application deadline is September 24, 2012.

Program Promotes Cybersecurity Education

[\*\*National Science Foundation\*\*](#)

The CyberCorps: Scholarship for Service program provides support to address cybersecurity education and workforce development. The Capacity Track seeks innovative proposals leading to an increase in the ability of the United States higher education enterprise to produce cybersecurity professionals. The Scholarship Track provides funding to award scholarships to students in cybersecurity. The application deadline is October 12, 2012.

Digital Humanities Projects Supported

[\*\*National Endowment for the Humanities\*\*](#)

The Digital Humanities Start-Up Grants support the planning or initial stages of digital initiatives in any area of the humanities. Examples of eligible activities include planning and developing prototypes of new digital tools for preserving, analyzing, and making accessible digital resources, including libraries' and museums' digital assets; innovative uses of technology for public programming and education utilizing both traditional and new media; scholarship that focuses on the history, criticism, and philosophy of digital culture and its impact on society; scholarship or studies that examine the philosophical or practical implications and impact of the use of emerging technologies in specific fields or disciplines of the humanities; and new digital modes of publication that facilitate the dissemination of humanities scholarship in advanced academic as well as informal or formal educational settings at all academic levels. The application deadline is September 25, 2012.

Program Supports Education and Training about the Gulf of Mexico

[\*\*National Oceanic and Atmospheric Administration\*\*](#)

The Gulf of Mexico Bay-Watershed Education and Training Program supports experiential learning about the Gulf of Mexico bay and watershed. Program priority issues include water quality, habitat conservation and restoration, ecosystem integration and assessment, nutrients and their impact, coastal community resilience, and environmental education. The program focuses on the states of Alabama, Florida, Louisiana, Mississippi, and Texas. The application deadline is October 19, 2012.

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<http://www.accessgenealogy.com/native/schools/hampton2/index.htm>

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## **Hundred-Year Forecast: Drought**

*Christopher R. Schwalm, Christopher A. Williams, Kevin Schaefer, The New York Times*

Excerpt: "It is increasingly clear that we already live in the era of human-induced climate change, with a growing frequency of weather and climate extremes like heat waves, droughts, floods and fires." [READ MORE](#)

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## **The Long, Dry History of the West**

By BILL MARSH

Individual droughts in the West, like those in this young century, may be severe, but the bigger picture suggests that the area has endured far drier periods.

1 [Interactive Feature: Drought and Deluge in the Lower 48](#)

[Facebook](#) is under pressure in Australia to take down a page that insults Aborigines with the government accusing the social networking company of using its U.S. base to avoid Australian anti-discrimination laws. Do you think the page should be taken down?

**Facebook pressured to remove page deemed racist**  
[www.rgj.com](#)

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About a **dozen abandoned animals** left on the Pyramid Lake Indian Reservation have been nursed back to health and are **now available for adoption** at Nevada Humane Society.

[Homes sought for dogs, cats abandoned at Pyramid Lake reservation | Mostly Dogs blog](#)  
[blogs.rgj.com](#)

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The Obama administration is announcing a \$105 million federal loan guarantee for a California firm to construct a northern Nevada plant that will convert common household trash into ethanol for transportation fuel.

**[Federal government announces Nevada biofuel plant in Storey County](#)**  
[www.rgj.com](#)

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A new exhibit "**A Salute to the Military**" opens **this Friday, August 17 at 1 pm** at the Sparks Museum and Cultural Center. Mayor Geno Martini and the Board of Trustees of the Museum invite the public to join them at the opening of this special exhibit commemorating the nation's battles from the Civil War to the Global War on Terrorism.

The exhibit is full of interesting facts and includes photos, weapons, artifacts, models and uniforms donated by over thirty local veterans and their families. A sandbag bunker built by the



Boy Scouts gives one a real sense of the Vietnam Era. Visitors have the opportunity to feel how heavy the uniforms were by trying on a bullet proof vest and helmet.

“Nevadans have always been proudly patriotic and we felt it was important to honor the contribution our local community has made to US military history, both past and present,” says Museum Director Anthea Humphreys.

A rare 36 Star Flag, Spanish American War uniforms, a piece of the Berlin Wall, “Iraqi’s Most Wanted” playing cards and an impressive collection of weapons (inert of course) ranging from a World War I machine gun to an M72 LAW’s and an M18 Claymore Mine, are but a few of the items on display.

Visitors learn how during World War I, Nevada led the nation in the ratio of volunteer enlistments for the regular Army. Between April 1, 1917 and February 28, 1918, the total number of 1,447 enlistments far exceeded the 162 required by the federal government. They also learn about the “*Spirit of Sparks*,” a B25J bomber purchased by the citizens of Sparks during World War II.

All of the services are represented in the salute and there are photos and stories about some of our local community members.

In the upcoming months the Museum will be hosting special lectures, military art exhibits and a military Appreciation Day highlighted by a collection of military vehicles.

“A Salute to the Military” was made possible thanks to contributions from Twin City Surplus, 1096 Collectibles, the Reno Preservation Group, the City of Sparks, the Nevada Army National Guard, Boy Scout Troop 441, and over 30 individuals.

The Sparks Museum and Cultural Center is located at 814 Victorian Avenue, Sparks.

Hours: Tuesday to Friday - 11:00 am to 4 pm  
Saturday and Sunday – 1:00 pm to 4:00 pm

Admission: \$ 5 Adults, Children 12 and under are free.

The Sparks Museum is a Blue Star Museum. Active Duty personnel and their families get free admission through Labor Day.

Phone (775) 355 1144 or visit [www.SparksMuseum.org](http://www.SparksMuseum.org) for more details.

814 Victorian Ave. • Sparks, NV 89431 775- 355-1144 • [www.SparksMuseum.org](http://www.SparksMuseum.org)

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hey're written by Andy Rooney, a man who has the gift of saying so much with so few words.

**Enjoy.....**

**I've learned.... That the best classroom in the world is at the feet of an elderly person.**

**I've learned.... That when you're in love, it shows.**

**I've learned.... That just one person saying to me, 'You've made my day!' makes my day.**

**I've learned.... That having a child fall asleep in your arms is one of the most peaceful feelings in the world.**

**I've learned.... That being kind is more important than being right.**

**I've learned.... That you should never say no to a gift from a child.**

**I've learned.... That I can always pray for someone when I don't have the strength to help him in some other way.**

**I've learned.... That no matter how serious your life requires you to be, everyone needs a friend to act goofy with.**

**I've learned.... That sometimes all a person needs is a hand to hold and a heart to understand.**

**I've learned.... That simple walks with my father around the block on summer nights when I was a child did wonders for me as an adult.**

**I've learned.... That life is like a roll of toilet paper. The closer it gets to the end, the faster it goes.**

**I've learned.... That we should be glad God doesn't give us everything we ask for.**

**I've learned.... That money doesn't buy class.**

**I've learned.... That it's those small daily happenings that make life so spectacular.**

**I've learned.... That under everyone's hard shell is someone who wants to be appreciated and loved.**

**I've learned.... That to ignore the facts does not change the facts.**

**I've learned.... That when you plan to get even with someone, you are only letting that person continue to hurt you.**

**I've learned.... That love, not time, heals all wounds.**

**I've learned.... That the easiest way for me to grow as a person is to surround myself with people smarter than I am.**

**I've learned.... That everyone you meet deserves to be greeted with a smile..**

**I've learned.... That no one is perfect until you fall in love with them.**

**I've learned... That life is tough, but I'm tougher.**

**I've learned.... That opportunities are never lost; someone will take the ones you miss.**

**I've learned.... That when you harbor bitterness, happiness will dock elsewhere.**

**I've learned.... That I wish I could have told my Mom that I love her one more time before she passed away.**

**I've learned.... That one should keep his words both soft and tender, because tomorrow he may have to eat them.**

**I've learned..... That a smile is an inexpensive way to improve your looks.**

**I've learned..... That when your newly born grandchild holds your little finger in his little fist, that you're hooked for life.**

**I've learned.... That everyone wants to live on top of the mountain, but all the happiness and growth occurs while you're climbing it.**

**I've learned.... That the less time I have to work with, the more things I get done.**