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Fly Geyser

Lawrence Hall of Science highlights tribal food traditions

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Are you a deltiologist?

Richar West/MaryAnn Guoladdle Parker are AAM 2025 Award Winners

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GrantStation

Is the film tax bill still a film tax bill?

Belatedly.....Myron Keith Thomas “Jack”



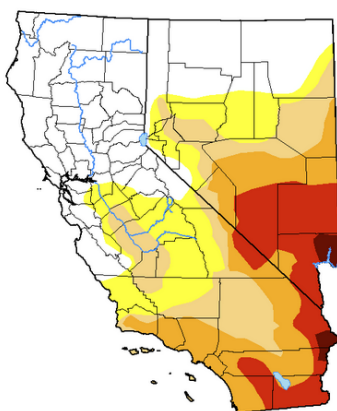
Two hours north of Reno, Fly Geyser is a rainbow-colored geothermal formation on Fly Ranch in the Black Rock Desert. It was accidentally created during a failed well-drilling project, when scalding water was released and left to flow. Over time, minerals built up into mounds that now spray water up to five feet high.

Lawrence Hall of Science's interactive "Future of Food" explores the impact of robotics, artificial intelligence and biotechnology industry. Visitors may imitate oysters by catching ping pong balls resembling algae with metal baskets; "feed" a burping cow through a "forest" of super-sized bacon strips. Continuing for two years, the exhibition also highlights the East Bay's pivotal tech, examining the effects of global warming on food production and tribal food traditions.

The vibrant coloring comes from thermophilic algae that thrive in the hot, wet environment. Guided nature walks are available through Friends of Black Rock-High Rock, with donations supporting conservation and education efforts.



Drought status update for California-Nevada: Drought persists in central and southern California and Nevada.



“Since the start of the water year, the area of California and Nevada in drought has increased by ~20% and intensified, including new areas of Extreme (D3) to Exceptional (D4) Drought, according to the U.S. Drought Monitor. A north-south gradient in drought conditions shows this water year’s drought depended on when, where, and how much precipitation was received. February and March storms brought some improvements to a record-setting dry start to the water year in southern California and Nevada. Above-normal temperatures are favored over the next two weeks, which will likely impact water resource yields from rapid snowmelt. Similar temperature trends in the Climate Prediction Center’s seasonal outlooks for April–June suggest high evaporative demand (the “thirst” of the atmosphere) over the summer, which could dry landscapes and vegetation. ...” [Read more from NIDIS.](#)

Citizen Science for Your Classroom: The Monarch Larva Monitoring Project - Teaching Tips

[Facilitator’s Guide to Citizen Science: Monarchs](#)

[Citizen Science for Your Classroom: The Monarch Larva Monitoring Project - Activity](#)

[Introduction to Citizen Science for Grades K-5](#)

[Introduction to Citizen Science for 6-12](#)

HANDOUTS MLMP One Time Observation

<https://ca.pbslearningmedia.org/resource/asl19-sci-monarch/citizen-science-for-your-classroom-the-monarch-larva-monitoring-project/>

California court clarifies CEQA tribal consultation duties in first published AB 52 decision

“On March 14, 2025, the California Court of Appeal for the First District issued the first published opinion interpreting Assembly Bill 52 (AB 52), the law governing tribal consultation procedures under the [California Environmental Quality Act \(CEQA\)](#). In *Koi Nation of Northern California v. City of Clearlake* (Cal. Ct. App., Mar. 14, 2025, No. A169438) (*Koi Nation*), the court held that a city’s failure to engage in “meaningful” consultation with a California Native American tribe violated AB 52, resulting in the invalidation of project approvals for a hotel and roadway development. The ruling significantly elevates the expectations placed on lead agencies and developers with respect to documenting and conducting tribal consultation under CEQA. ...” [Read more from Allen Matkins](#).

New workforce training network to empower youth, restore ecosystems in the Klamath Mountains

“In the wake of historic dam removals and amid the profound healing of the newly free-flowing Klamath River, a new force for restoration and resilience is emerging. The Bigfoot Trail Alliance, in collaboration with regional nonprofits, educational partners, and local Tribes, proudly announces the launch of the Klamath Mountains Workforce Training Network (KMWTN). This place-based initiative will equip young people with tools, mentorship, and technical skills to care for their bioregion and ancestral landscapes and chart meaningful career paths in conservation and ecological restoration. With financial support from the Klamath River Fund: Community Impact Grant 2025 of the Humboldt Area Foundation and Wild Rivers Community Foundation, the KMWTN will serve underrepresented youth (ages 15–24) across Humboldt, Siskiyou, and Trinity Counties, where opportunity is often scarce but ecological need is profound. ...” [Read more from the Lost Coast Outpost](#).

New Trump administration directives to repeal environmental regulations en masse make ‘no sense,’ legal experts say

“Environmental lawyers say two new White House directives—designed to greatly expand executive power to strike down federal energy and environmental regulations—are not likely to hold up in court and represent an attempt to move far beyond the established boundaries of presidential authority. “I do not think this even comes close to passing the test for legality,” said Andres Restrepo, a senior attorney in the Sierra Club’s Environmental Law Program, of the April 9 executive order, “Zero-Based Regulatory Budgeting to Unleash American Energy.” This executive order directs the Environmental Protection Agency, the Department of Energy and other key federal agencies to “incorporate a sunset provision into their regulations governing energy production.” Once inserted, the provision would repeal that regulation within one year unless an extension is granted. Among those targeted are rules authorized under the Endangered Species Act. ...” [Read more from Inside Climate News](#).

'Warfare' is latest boost of Indigenous talent in mainstream films

[kansas.com](https://www.kansas.com)) — Paige Bethmann, a director/producer based in Reno presents

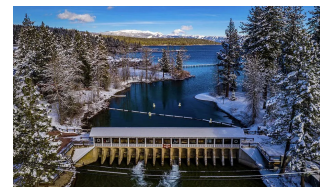
'Remaining Native,' a documentary that premiered at SXSW. The film explores the journey of Ku Stevens, a young Native American runner, as he navigates his athletic dreams while connecting with his family's past.

To protect the climate, we need to protect mature and old growth forests

“A new study, published today in the peer-reviewed journal Biological Conservation and co-authored by scientists from Woodwell Climate Research Center and Wild Heritage, finds that greater protections of mature and old-growth forests in the United States are critical to meeting global commitments to forestall the climate and biodiversity crisis. The research underscores why safeguarding the nation’s carbon stockpile in older forests needs to be a focus of U.S. policy to reduce emissions from commercial logging and burning of fossil fuels. Using a new approach combining remote sensing of forest structure with ground data from the federal Forest Inventory and Analysis (FIA) program, the research team analyzed younger, mature, and old-growth forests across the contiguous U.S., looking at their size and carbon stocks, as well as ownership (public or private) and protection status, to examine how much additional carbon could be protected if stricter regulations were in place to curb commercial timber harvesting. ... ” [Read more from Woodwell Climate Research Center.](#)

Data Centers: Economic benefit or environmental boondoggle?

“Last month, the Reno City Council approved the Oppidan Data Center to become the city’s second data center, despite the city planning commission’s original denial of the project. The back-and-forth decision coincides with the ongoing city council debate about how to regulate data centers, in light of their significant energy and water demands to power artificial intelligence (AI) models like ChatGPT. ... “Becoming overly reliant on AI and other power-hungry processing tools has a significant impact on our ability to move away from greenhouse gases,” said Sierra Club Toiyabe Chapter Director, Oliva Tanager. “AI seems cool, but really it’s siphoning money in more ways than one from working class people to the billionaire class.” The Sierra Club has found utility rates have gone up for residents in states that have experienced a data center rush. Because of this, one California planning commissioner has dubbed data centers ‘tapeworms’ that take from the community and fail to give back in a meaningful way. “Utility customers should not have to pay the price when a big data center sets up shop in their area,” said Abe Scarr, the State Director with Illinois PIRG Education Fund. ... ” [Read more from the Sierra Nevada Ally.](#)



Reclamation to conduct geotechnical study at Lake Tahoe Dam

“The Bureau of Reclamation will begin a geotechnical research study this month at Lake Tahoe Dam as part of the Lake Tahoe Dam Rehabilitation Study. While the dam is currently safe to operate, the study is being conducted to evaluate alternatives for needed repairs. Restoration repairs are needed to address deterioration in the 115-year-old dam structure, which was constructed prior to the introduction of air-entraining admixtures in concrete. The admixtures allow needed space for expansion and contraction of water molecules as the concrete goes through natural freeze-thaw cycles. As temperatures at the dam routinely drop below freezing at

night and climb above freezing during the day, the dam experiences freeze-thaw cycles regularly, which are known to cause deterioration of the concrete. Additionally, analysis of the concrete in 2005 indicated signs of deterioration from alkali-aggregate reactions. Gate operations have also been affected as gates have become temporarily immobile or unable to close due to the concrete deterioration. ... ” [Read more from the Bureau of Reclamation](#).

New study by three organizations could boost water supply at Lake Mendocino

“A new partnership between three organizations will explore options for raising the dam at Lake Mendocino to boost the water supply supporting agriculture and recreation. State and local politicians, tribal officials and representatives from the U.S. Army Corps of Engineers met Friday at Lake Mendocino to formalize a cost-sharing agreement for the Coyote Valley Dam General Investigation Study. According to the Mendocino County Inland Water and Power Commission, Lake Mendocino provides drinking water for over 650,000 people in Mendocino, Sonoma and Marin counties and plays a role in flood control. The study, led by a partnership between the commission, the Lytton Rancheria and the Corps of Engineers will assess the prospects of greater water supply and potential federal interest in reducing flood risks. ... ” [Read more from the Mendocino Voice](#).

Why Lake Mead and Lake Powell are struggling despite record melting

“Despite consecutive winters of decent snowfall, the two largest reservoirs in the United States — Lake Mead and Lake Powell — remain far from full. Lake Powell, situated along the Arizona-Utah border, and Lake Mead, located near Las Vegas, are both integral components of the Colorado River system. The Colorado River Basin supplies water to more than 40 million people across seven states and Mexico. These water bodies are essential not only for drinking water and agriculture but also for hydropower generation and recreation. While gains have been made in previous years, storage remains a concern due to ongoing drought impacts and high water demands. ... ” [Read more from Newsweek](#).

Colorado: North/south split for Western Slope snowpack and streamflow forecasts

“It was a tale of two winters for the mountains containing the Colorado River’s headwaters, with the northern ranges seeing an above-average snowpack peak, while the southern half of the state lagged behind with below-normal snowpack. As the season came to a close, the snowpack for the Yampa/White/Little Snake River basin in the northwest corner of the state and the headwaters of the Colorado River mainstem both peaked around April 9 at 113% and 101% of normal, respectively. The Western Slope’s more southern basins — the Gunnison and San Juan/Dolores/Animas/San Miguel — topped out at 90% and 76% of normal. And despite a snowy March that boosted precipitation to 117% of normal for the month, the snowpack in the southwest corner of the state peaked not only lower but also earlier than other areas on March 23. The Roaring Fork River Basin, stuck in the middle of the northern and southern mountain ranges, also peaked on March 23 at 91% of normal. ... ” [Read more from the Colorado Sun](#).

Are you a deltiologist? Are you an archivist wishing your postcards were better organized?
Join Sara W. Duke, Curator of Popular & Applied Graphic Art, in the Prints & Photographs

Division for an overview of the postcard collections at the Library of Congress, where a large-

IEEE Charles LeGeyt Fortescue Scholarship	\$24,000	May 05, 2025
LaSPACE LURA Program	\$4,500	May 05, 2025
National Cherry Queen Program	\$10,000	May 05, 2025
Nebraska Logistics Council Scholarship	\$1,500	May 05, 2025
Salix Gastrointestinal Health Scholars Awards	\$10,000	May 05, 2025
USC School of Cinematic Arts Endowed Scholarships	\$25,000	May 05, 2025
Eileen Kraus Scholarship	\$5,000	May 06, 2025
SEE Education Foundation Scholarship	\$7,500	May 06, 2025
Andy Warhol Foundation Arts Writers Grant	\$50,000	May 07, 2025
Illinois Restaurant Association Educational Foundation Scholarship	\$4,000	May 07, 2025
Russell Cole Memorial Lighting Design Competition	Varies	May 08, 2025
Foster Love Family Fellowship	\$60,000	May 09, 2025
ICTM Scholarships in Mathematics Education	\$1,500	May 09, 2025
Kathy Pace Technology Scholarship	\$5,000	May 09, 2025
Texas Resident with Autism Scholarship	\$500	May 09, 2025
The Thiel Fellowship	\$100,000	May 09, 2025
Bethesda Auxiliary Scholarships	\$3,000	May 10, 2025
CU Succeed Scholarship	\$8,000	May 10, 2025
CVBIA Young Designers' Scholarship Competition	\$1,500	May 10, 2025
Darrel Hess Community College Geography Scholarship	\$1,500	May 10, 2025
DCAS Scholarship	\$10,000	May 10, 2025
Downer-Bennett Scholarship	\$4,000	May 10, 2025
Edmund F. Maxwell Scholarship	\$20,000	May 10, 2025
LC Music Scholarships	\$1,000	May 10, 2025
LGBTQ+ Youth Leadership Awards	\$5,000	May 10, 2025
Long Island Music Hall of Fame Student Scholarships	\$1,000	May 10, 2025
Robert D. Blue Scholarship	\$1,000	May 10, 2025
Sophie's Live Out Loud Award	\$5,000	May 10, 2025
United Contractors Scholarship Awards Program	\$5,000	May 10, 2025

Illinois Triangle Scholar-Leader Scholarship	\$1,500	May 11, 2025
Presbyterian Study Grant	\$6,000	May 12, 2025
University of California- Berkeley Achievement Award Program	\$24,000	May 12, 2025
Walter A. Hunt, Jr. Scholarship	\$20,000	May 12, 2025
AGA Boston Chapter Walter Frese Scholarship	\$1,500	May 13, 2025
Dairy Management, Inc. Scholarship Program	\$14,000	May 13, 2025
Indiana Trail Running Association	\$500	May 13, 2025
Kathleen McVey Memorial Scholarship	Varies	May 13, 2025
Richard A. Ash Scholarship	\$20,000	May 13, 2025
The GlaxoSmithKline Opportunity Scholarship	\$20,000	May 13, 2025
Tlmi Academic & Vocational Scholarship	\$5,000	May 13, 2025
Architects League of Northern New Jersey Scholarships	\$6,000	May 14, 2025
AbbVie Cystic Fibrosis Scholarship	\$25,000	May 15, 2025
Baylor University Baptist Scholarships	\$20,000	May 15, 2025
Bering Straits Scholarships	\$3,000	May 15, 2025
Bill Cowden Memorial Aviation Scholarship	\$1,500	May 15, 2025
Blue Umbrella Waterproofing & Foundations Scholarship	\$500	May 15, 2025
Burlingame/Gerrity Horticultural Therapy Scholarship	\$1,000	May 15, 2025
BVIN Agent of Change Scholarship	\$3,000	May 15, 2025
Community Foundation for Greater Buffalo Scholarship Program	\$6,000	May 15, 2025
Contra Costa County NOW Scholarship	\$1,000	May 15, 2025
Delaware Educational Benefits for Children of Deceased Veterans and Others	Full-Tuition	May 15, 2025
Delaware Educator Support Scholarship	\$5,000	May 15, 2025
Delaware Scholarship Incentive Program	\$4,000	May 15, 2025
Ebell/Flint Scholarship	\$15,000	May 15, 2025
Empower Her Scholarship	\$1,000	May 15, 2025
EWNJ Graduate Merit Award Program	Varies	May 15, 2025
FMA Doug Damerst Scholarship	\$1,000	May 15, 2025

scale digitization and processing project is underway. Selections will include the United States from the 1890s onwards, humorous giant rabbits, hammocks, the Statue of Liberty, the people of Russia, and even the Library's own Thomas Jefferson Building dusted with glitter!

Register here: https://loc.zoomgov.com/webinar/register/WN_avdtK2cIQv2Co0RI5iD_6g#/registration

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## **Scholarships with May 5-15 Deadlines**

### **The 2025 AAM Award Winners By American Alliance of Museums**

**This year's winners of AAM's Awards and Recognition program include**

**Richard West, Smithsonian Institution's National Museum of the American Indian and Autry Museum of the American West**



W. Richard West, Jr. is Founding Director and Director Emeritus of the Smithsonian Institution's National Museum of the American Indian and President and CEO Emeritus, Ambassador, Native Communities, of the Autry Museum of the American West. He is a citizen of the Cheyenne and Arapaho Tribes and a member of the Society of Southern Cheyenne Peace Chiefs. West served as Chair of the Board of Directors of the American Alliance of Museums (1998 – 2000) and Vice President of the International Council of Museums (2007 – 2010). His current board affiliations include: Association of Tribal Archives, Libraries, and Museums; Cheyenne and Arapaho Business Development Corporation; Cheyenne and Arapaho Museum Foundation; International Coalition of Sites of Conscience; Denver Art Museum; The MICA Group; and UCLA Institute of Environment and Sustainability. West previously served on the boards of the Ford Foundation, Stanford University, and the Kaiser Family Foundation. He has been awarded eleven honorary doctorate degrees.

### **MaryAnn Guoladdle Parker**

MaryAnn Guoladdle Parker is a curator, artist, and beadworker from the Kiowa Tribe. She currently works as an Assistant Curator at the First Americans Museum (FAM) in Oklahoma City, Oklahoma. She holds a Master's of Cultural Administration with a focus in Arts Administration and Tribal Museum & Cultural Center Administration from the Institute of American Indian Arts (IAIA), as well as a bachelor's in American History with a focus on Native American History from Oklahoma City University (OKCU). MaryAnn is a lifelong participant within her Kiowa community and brings that experience along with her formal education to benefit her professional work in museums. She is committed to preserving and sharing her Kiowa lifeways with the younger generation and honoring her ancestors within her work. Additionally, MaryAnn is the 2023-2025 treasurer for the Native American Art Studies Association (NAASA).

**The BLM is seeking public comment for a proposed gold exploration project near Goldfield in Esmeralda County.**

If approved, Gemfield Resources LLC, could conduct geophysical surveys, improve or build access roads or perform drilling and trenching across a total of 15,294 acres – 5,269 acres of public land and 10,025 acres of private land.

The BLM says the plan proposes phased exploration over 10 years.

Additional information can be found at the [BLM National NEPA Register](#), where comments can be submitted through the “Participate Now” option (preferred).

Comments can also be emailed to [BLM NV BMDO P&EC NEPA@blm.gov](mailto:BLM_NV_BMDO_P&EC_NEPA@blm.gov) with Goldfield Draft Environmental Assessment in the subject line or delivered to: Goldfield Draft Environmental Assessment, BLM Tonopah Field Office, PO BOX 911, Tonopah, NV 89409. The comment period will close May 14, 2025.

(The Bureau of Land Management contributed to this report.)

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GrantStation

National Opportunities — *Available throughout the U.S.*

Support Available for Grassroots Women's Organizations

Mary's Pence funds grassroots women-led and -focused nonprofit organizations or groups working with a fiscal sponsor.

Grants Enable Nonprofits to Leverage Technology for Mission Impact

The AWS Imagine Grant Program U.S. supports nonprofit organizations in the United States who are using cloud technology to accelerate their missions.

Arts and Creative Organizations Funded

The Wilhelm Family Foundation's mission is to help expand artists' access to resources by supporting nonprofit organizations working to make creative expression, experimentation, public programming, and discourse accessible to all people, artists and non-artists alike.

Contributions and Sponsorships Increase Access to Healthcare Information

Incyte Corporation, a biopharmaceutical company focused on the development and commercialization of therapeutics in areas including oncology and dermatology, offers support through its Healthcare-Related Charitable Contributions, Sponsorship and Membership Requests program.

Regional Opportunities — *For specific geographic areas*

Grants Focus on Basic Needs and Community Vitality

Ameriprise Financial corporate grantmaking is dedicated to strengthening neighborhoods across the country where company employees, advisors, and clients live and work.

Funding Promotes Economic Stability for Texas Working Families

Texas Mutual will award \$8 million in grants to nonprofit organizations in Texas in 2025 through two requests for proposals (RFPs).

Midwest Community Organizing Efforts Supported

The mission of The Needmor Fund for Social Justice is to work with others to bring about social justice.

Grants Benefit Company Communities in CT, MA, and NH

The Eversource Energy Foundation provides sponsorships and grants to nonprofit organizations within Eversource's service territory in Connecticut, Massachusetts, and New Hampshire.

Sen. Roberta Lange's (D-Las Vegas) film tax expansion measure, [**SB220**](#), was finally heard last week and had some significant additions that the senator described as making it “no longer just a film bill.”

An [**amendment**](#) added to the bill Thursday would establish the Creative Technology Initiative — a 501(c)3 nonprofit supporting a university-affiliated research center focused on aerospace, health care, video game development, artificial intelligence, virtual and extended reality, drones and related technologies.

Lange said the research center would be through the Department of Defense and could increase federal funding in the state, build research capacity and develop “high-tech business.”

Reminder: This is the second film tax credit bill making its way through the legislative process. Both measures passed out of their first committee “without recommendation,” a rare occurrence that allows bills to move forward in the legislative process without an endorsement.

Lange's bill is backed by Birtcher Development and the film and studio brokerage firm MBS Group. Birtcher is proposing to build the project and MBS Group would manage, operate and oversee the films and studio services at the site. Assm. Sandra Jauregui (D-Las Vegas) is bringing the other measure, [AB238](#), which is supported by developer Howard Hughes Holdings Inc. and production studios Warner Brothers Discovery and Sony Pictures Entertainment.

The Nevada Current had [a good laydown of the changes to the bill](#), but we'll pull out the highlights below:

The measure proposes \$1.6 billion in subsidies over the next 18 years for the construction and operation of a 34-acre film and production facility and yet-to-be-built studio in Southern Nevada at the Harry Reid Research and Technology Park on a plot of land owned by UNLV.

Specifically, the state's film tax credit program would increase from \$10 million annually to \$98 million for the program's first three years (starting with \$8 million the first year and \$78 million by year three) and then \$98 million annually for the following 15 years.

Context: Initially, Lange's measure proposed increasing the program from \$10 million to \$15 million annually, an increase that would end after 15 years, and setting aside \$83 million for annual transferable tax credits for productions. To receive the investment, there's a pledge of [\\$9.8 billion in production spending and workforce development](#). The campus would include a media and technology lab available to UNLV, College of Southern Nevada and Nevada State University.

investment Proponents estimated that for every \$1 in tax credits, the total Nevada [return on investment](#) would be \$1.02 (\$0.38 for on-site activities, \$0.09 for screen-related tourism and \$0.55 for the technology initiative).

Studies of similar film tax credit programs in other states have resulted in marginal at best economic results.

- A 2024 [analysis](#) of the state's film tax credit program by the Nevada Governor's Office of Economic Development found that tax credits given to 12 productions during the 2024 fiscal year generated about \$15 in economic impact per tax credit dollar. Economic impact, which is a way to measure the return on investment, accounts for direct spending, the indirect spending of vendors in the economy and the "induced" impact of people spending wages in the economy.

- The Creative Technology Initiative discussed in the amendment would have access to a second lab for entertainment and non-entertainment purposes.
- Lange described the proposal as a public-private partnership that would become a "long-term public asset" that wouldn't "just benefit a single company." She did not discuss the competing film tax proposal making its way through the Assembly.
 - "We will be making movies. We will be making shows. But that's just the beginning," Lange said.

Belatedly.....

In Loving Memory of
Myron Keith Thomas
"Jack"

9/1/1959 - 4/5/2025



Funeral Services
Thursday, April 10, 2025
11 AM (MST)
HDC, Owyhee, NV

FEED TO FOLLOW - FOOD DONATIONS WELCOME
INTERMENT WILL TAKE PLACE AT A LATER DATE