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Another loving Nevada portrait by Bucky Harjo

Indigenous Stewardship from Maven's archives

Katie Hinde did not just study milk; she revealed that nourishment is intelligence.

When the People's Water Vanishes

In 2025, educators didn't just endure repression. They built resistance

The Colorado River is on the verge of crisis. No one has a solution.

Stalemate deepens as Colorado River states face water crisis

Lakes Powell And Mead are more than two-thirds empty

Feds demand compromise on Colorado River while states flounder despite water storage

from American Indian College Fund

Trump Administration Has Already Accomplished Vast Portions of Project 2025

A U-tube presentation:



Another loving Nevada portrait by Bucky Harjo

Indigenous Stewardship

[EARTH ISLAND JOURNAL: Yurok Tribe welcomes back salmon, native plants, and Indigenous sovereignty to a former lumber mill site in Northern California 12.12, 2025](#)

By Teddi Lynn Chichester. Bright-yellow excavators, swathes of ocher...

[PRESS RELEASE: \\$5.5M Grant from Wildlife Conservation Board supports historic return of 10,000+ acres in the Sierra Nevada to the Washoe People November 21, 2025](#)

Purchase will return a rich natural landscape in the northern Washoe homelands to the ownership and care of the Washoe...

[ILRP: Second Irrigated Lands Expert Panel meeting features Indigenous perspectives and a lot of data Jane Sooby August 20, 2025](#)

Day 2 of the Second Statewide Agricultural Expert Panel's "Kick Off Meeting" convened August 14, 2025, at...

[MONGABAY: Yurok Tribe restores sacred lands and salmon in historic conservation deal June 10, 2025 By Justin Catanosa, Mongabay](#)

The Pacific Ocean fog hung densely over the narrow mouth of the Klamath River in this...

[NOTEBOOK FEATURE: Fire and water: How cultural burns boost streamflows Robin Meadows Delta science Ecosystems Notebook News and Features January 16, 2025](#)

On a mild November day in California's Sacramento Valley, Diana Almendariz ignites a clump of dry grass...

[NOTEBOOK FEATURE: We are still here: Partnering with Tribes on the Delta Robin Meadows August 28, 2024](#)

The first time Malissa Tayaba visited one of her ancestral village sites on the banks of the...

[UCLA: Why are California's wildfires getting worse? Experts explain what we know August 15, 2023](#)

Paper adds clarity to contentious debate with implications for lives and property David Colgan, UCLA Key takeaways Experts authored a...

[THE CONVERSATION: Removing dams from the Klamath River is a step toward justice for Native Americans in Northern Californian The Conversation July 12, 2023 By Beth Rose Middleton Manning, University of California, Davis and Robert Lusardi, University of California, Davis The Klamath River runs...](#)

[CHICO STATE: New Channel Teeming With Fish Thanks to Impressive Teamwork June 26, 2023 By Luke Reid, Chico State Today](#)

Arthur Garcia, Cultural Resource Manager and Tribal Elder of the Wintu Tribe of Northern...

[US FWS: Tribes on the Klamath River struggle to save their salmon and way of life in the face of a changing climate May 24, 2023 By Susan Sawyer](#)

Stretching from the volcanic Cascades of Southern Oregon to the Pacific Ocean...

[NOAA FISHERIES: Tribe, State, and Federal Partners Join To Return Endangered Salmon to Historic Habitat](#) **[May 3, 2023](#)**

Three-way collaboration to restore Chinook salmon to the mountains north of Redding, California. By NOAA Fisheries The California Department of...

[CAL MATTERS: Saving salmon: Chinook return to California's far north — with a lot of human help](#) **[December 19, 2022](#)**

Urgently trying to help an endangered species devastated by drought, biologists hauled 40,000 eggs to the McCloud River this year,...

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**[Mary Williams](#)** **[Very interesting. Must read Haydyn Williams](#)**

**[Ancient Path](#)**

She thought she was studying milk.  
What she uncovered was a conversation.

In 2008 evolutionary anthropologist Katie Hinde was working in a primate research lab in California, analyzing breast milk from rhesus macaque mothers. She had hundreds of samples and thousands of data points. Everything looked routine until one pattern refused to disappear. Mothers raising sons produced milk richer in fat and protein.

Mothers raising daughters produced a larger volume with different nutrient balances.

It was consistent. Repeatable. And deeply uncomfortable for the scientific consensus. Colleagues suggested error. Noise. Statistical coincidence. But Katie trusted the data. And the data pointed to a radical idea.

Milk is not just nutrition.  
It is information.  
For decades biology treated breast milk as simple fuel. Calories in, growth out. But if milk were only calories, why would it change based on the sex of the baby?  
Katie kept going.

Across more than two hundred fifty mothers and over seven hundred sampling events, the story grew more complex. Younger first time mothers produced milk with fewer calories but significantly higher levels of cortisol, the stress hormone.  
The babies who drank it grew faster.  
They were also more alert, more cautious, and more anxious.  
Milk was not only building bodies.  
It was shaping behavior.

Then came the discovery that changed everything.  
When a baby nurses, microscopic amounts of saliva flow back into the breast. That saliva carries biological signals about the infant's immune system. If the baby is getting sick, the mother's body detects it.

Within hours the milk changes.  
White blood cells increase.  
Macrophages multiply.  
Targeted antibodies appear.  
When the baby recovers, the milk returns to baseline.  
This was not coincidence.  
It was call and response.  
A biological dialogue refined over millions of years. Invisible to science until someone thought to listen.

As Katie surveyed existing research, she found something disturbing. There were twice as many studies on erectile dysfunction as on breast milk composition.  
The first food every human consumes.  
The substance that shaped our species.  
Largely ignored.

So she did something bold. She launched a blog with a deliberately provocative name, Mammals Suck Milk. It attracted over a million readers in its first year. Parents. Doctors. Researchers. People asking questions science had skipped.

The discoveries kept coming.  
Milk changes by time of day.  
Foremilk differs from hindmilk.  
Human milk contains over two hundred oligosaccharides babies cannot digest because they exist to feed beneficial gut bacteria.  
Every mother's milk is biologically unique.

In 2017 Katie brought this work to a TED stage. In 2020 it reached a global audience through the Netflix series Babies. Today at Arizona State University's Comparative Lactation Lab, Dr. Katie Hinde continues shaping how medicine understands infant development, neonatal care, formula design, and public health.

The implications are enormous.  
Milk has been evolving for more than two hundred million years. Longer than dinosaurs walked the Earth. What we once dismissed as simple nutrition is one of the most sophisticated communication systems biology has ever produced.

Katie Hinde did not just study milk.

She revealed that nourishment is intelligence.

A living responsive system shaping who we become before we ever speak.

All because one scientist refused to accept that half the story was measurement error.

Sometimes the biggest revolutions begin by listening to what everyone else ignores.

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When the People's Water Vanishes (theharvardpoliticalreview.com) — Reno is emerging as a major hub for AI data centers, but their enormous thirst for cooling water could strain the Truckee River and Pyramid Lake in an already drought-stressed region. Local tribes, environmental groups, and advocates worry that rapid data center expansion, plus extra power generation, could trigger new "water wars" and deepen scarcity unless companies are more transparent and regionally responsible.

In 2025, Educators Didn't Just Endure Repression. They Built Resistance.

The right wants the teaching of history to no longer indict power or inspire resistance. But our side won't submit.

JESSE HAGOPIAN | TRUTHOUT

The Colorado River is on the verge of crisis. No one has a solution.



Colorado River at the Grand Canyon. [Photo by DepositPhotos.](#)

“When Carly Jerla left her home in the Rocky Mountains to attend the annual conference of the most bitterly contested river in the American West, the signs around her were grim: December temperatures in the 60s, meager snowpack and projections of below-average runoff to sustain the Colorado River: “The way things are setting up isn’t looking good,” Jerla, one of the Bureau of Reclamation’s top experts on the Colorado River, told the conference this week, adding that the region could be facing a dry stretch “that could really put the system into an untenable position.” ...” [Read more from the Washington Post.](#)

Stalemate deepens as Colorado River states face water crisis

“Negotiations over how to stabilize the shrinking Colorado River are so deadlocked that one of the seven state officials involved now says he doesn’t think it’s possible to get a 20-year agreement to rewrite the river’s operating rules. They’re so deadlocked that the acting U.S. Bureau of Reclamation chief, Commissioner Scott Cameron, is now ready to discuss the possibility of dictating a top-down fix for the river’s chronic overuse of water — even though he makes it clear he doesn’t like the idea one bit. And they’re so deadlocked that three days of panel discussions, keynote speeches and general networking at the annual Colorado River Water Association conference last week in Las Vegas failed to bring to the public’s attention any new ideas for resolving the long north-south split over who should make the cuts in water use needed to balance the river’s supply with people’s demand for water. ...” [Read more from the Las Vegas Sun.](#)

Lakes Powell And Mead are more than two-thirds empty

“Lakes Powell and Mead on the Colorado River are less than two-thirds full, leaving scientists, economists, and water law experts fearful that the reservoirs could soon be useless. Compounding the water flow problems created by diversions and climate-change impacts are disagreements between the Upper and Lower basin states on how best to manage a dwindling, invaluable, resource. “Both the water supply and institutional systems are failing; many of the environmental systems failed years ago, with others just hanging on desperately,” reads the executive summary of the inaugural [Colorado River Insights, 2025 Dancing With Deadpool](#) report. “Another year or two of low inflows and we will completely blow through the cushions provided by reservoir storage and the 20-year truce known as the Interim Guidelines, entering a world where physically moving water downstream becomes limited both by hydrology and engineering...” [Read more from the National Parks Traveler.](#)



Feds demand compromise on Colorado River while states flounder despite water shortage

Western states that rely on the Colorado River have less than two months to agree on how to manage the troubled river — and pressure is mounting.

[READ MORE](#)

In Solidarity,
The NDN Collective Team



Light projection action at the Grand Gateway Hotel in 2022. Photo by NDN Collective.

WE WON: A Message from NDN Collective President Wizipan Little Elk Garriott about the Grand Gateway Hotel Case

After a week-long trial, the jury ruled in favor of NDN Collective and the individual plaintiffs in the federal civil rights class action lawsuit filed in March 2022 against the Retsel Corporation, owner of the Grand Gateway Hotel.

Putting Racism on Trial: Grand Gateway Hotel Trial to Begin December 15

It's been a long time since we've talked about the Grand Gateway Hotel. On December 15th, this particular legal battle against racism in the Rapid City area will pick back up. The trial will begin with jury selection and is expected to last about a week [... continue reading](#)

[Watch the full video update](#)

from American Indian College Fund:

This feeling of thankfulness isn't just a seasonal event; for students like Chenoa (Oneida), gratitude is a profound way of life.

Chenoa embodies the Haudenshaunee (Iroquois Nation) principle of Tsi>niyukwaliho=t^, or the Good Mind, which weaves thankfulness into every part of an individual's existence. It is expressed through relationships with family, community, the land, and in recognizing the fire, our spirit within each one of us.



"I needed to go to school to be that role model, not only for my daughters, but for the other children in the community that look up to me." - Chenoa Webster

[The Trump Administration Has Already Accomplished Vast Portions of Project 2025](#)

The conservative policy wishlist for Trump's second term has severely impacted women and LGBTQ+ Americans.

AMANDA BECKER, ORION RUMMLER, MARIEL PADILLA | THE 19TH

[How Project 2025 will destroy Native communities Senate Democrats \(.gov\) https://www.democrats.senate.gov > media > doc](#)

The extreme Republican plan would drastically *reduce resources* and for tribal governments, destroy sacred. Native sites, and disregard Native.

[What Indian Country Can Expect Under Trump Project 2025 Native Law Group https://nativelawgroup.com > NEWS & INSIGHTS](#)

Jan 24, 2025 — Project 2025 seeks to *consolidate all Indian education programs into the Bureau of Indian Education*, potentially reducing funding and ...

[How Trump's proposed health and education program cuts ... PBS https://www.pbs.org > newshour > show > how-trumps-...](#)

Jun 29, 2025 — *Native American* and Indigenous people say the Trump administration's proposed cuts to health and education programs for their communities ...

[What Project 2025 has to say about Native communities](#) [High Country News](#)

[https://www.hcn.org > issues > what-project-2025-has-t...](https://www.hcn.org/issues/what-project-2025-has-t...)

[Oct 29, 2024 —](#)

The initiative focuses heavily on resource extraction of tribal lands but lacks detail on other key issues.

[Indigenous Peoples' Rights Are Non-Negotiable: 22 Calls ...](#)

[Cultural Survival](#) [https://www.culturalsurvival.org > news > indigenous-pe...](https://www.culturalsurvival.org/news/indigenous-pe...)

Feb 17, 2025 — ... *Project 2025*, has been tapped to oversee the ... Indian Citizenship Act of 1924, which granted U.S. citizenship to all *Native Americans*.

[How new policies could impact tribal entities](#) [Wipfli](#)

[https://www.wipfli.com > insights > articles > tr-how-ne...](https://www.wipfli.com/insights/articles/tr-how-ne...)

Mar 21, 2025 — *Project 2025* recommends moving *Indian* housing programs from HUD to the Department of the Interior. This change could affect the largest source ...

[Project 2025 Promises to Harm Our Communities and Turn ...](#)

[American Civil Liberties Union](#) [https://www.aclu.org > news > civil-liberties > project-20...](https://www.aclu.org/news/civil-liberties/project-20...)

Aug 29, 2024 — Under a second Trump administration, our federal government could be used to openly discriminate against marginalized communities, to spy on ...

[How could Project 2025 affect Indigenous people](#) [YouTube · The Emancipator](#)

Project 2025 poses a serious threat to tribes and Native people with harmful changes to conservation education and Healthcare.

[Additional Project 2025 Effects On Native Communities](#)

[https://dccc.org > wp-content > uploads > 2022/09](https://dccc.org/wp-content/uploads/2022/09)

Oct 28, 2024 — ✓ *Project 2025 would eliminate Native American memorials and destroy already established. Native monuments in the west. o One of the most at ...*

[How would Project 2025 affect Native communities? - ICT](#) [ictnews.org](#)

[https://ictnews.org > news > how-would-project-2025-a...](https://ictnews.org/news/how-would-project-2025-a...)

Nov 11, 2024 — In general, *Project 2025 seeks to eliminate Head Start programs*, which over 28,000 Native children use. In terms of Indian Education, the ...

[Project 2025 on Social Safety Net: A Social Work Perspective](#) [NASW](#)

[https://www.socialworkers.org > ... > Social Justice Briefs](https://www.socialworkers.org/.../Social-Justice-Briefs)

Native Americans: In 2018, Medicaid covered about 1.8 million American Indian and Alaska Native individuals. *Project 2025's* plan for Medicaid follows a ...

[Disappearing Parks: How Project 2025 Would Decrease ...](#) [Center for American Progress](#)

[https://www.americanprogress.org > article > disappeari...](https://www.americanprogress.org/article/disappeari...)

Oct 21, 2024 — Nearly 7 in 10 *American Indian* or *Alaska Native* communities in the greater Las Vegas area are more nature deprived than the national average.

[Native Americans and Immigration Enforcement — Know: Native American Rights Fund](https://narf.org)
<https://narf.org> > **[NARF Blog](#)**

Feb 6, 2025 — A 2025 Executive Order has ignited debates on the Fourteenth Amendment, referencing past denials of *Native* rights. While it does not target ...

[Project 2025 and Its Plans for the Nation's Public Lands](https://barnraisingmedia.com) **[Barn Raiser](#)**
<https://barnraisingmedia.com> > **[project-2025-public-lan...](#)**

Sep 9, 2024 — *Project 2025 plans for massive deregulation of public lands*, promising a lucrative payday for oil companies. Native leaders are speaking ...

[Does Project 2025 affect Native sovereignty? I can't find ...](#) **[Reddit · r/IndianCountry](#)**
[60+ comments · 1 year ago](#)

Project 2025 will completely screw over Native lands in the interest of corporate fossil fuel companies exploiting them for profit & resources.

[Project 2025 Wikipedia](#)

[https://en.wikipedia.org > wiki > Project 2025](https://en.wikipedia.org/wiki/Project_2025)

Project 2025 is a political initiative published in April 2023 by the Heritage Foundation with the goal of reshaping the U.S. federal government by ...

[Project Esther](#)

[Project 25](#)

[List of contributors to Project...](#)

[Agenda 47](#)

[Subject-by-Subject Breakdown of Trump's Project 2025](#)



[Congresswoman Zoe Lofgren \(.gov\)](https://lofgren.house.gov)
<https://lofgren.house.gov> > [evo-media-document](#)

Jul 15, 2024 — *Project 2025* is the blueprint for Trump and *MAGA Republicans* to gut checks and balances so that they can take over the government, ...

[Opinion | Newsom and Trump tell faulty tales about Native ...](#)

[CalMatters](#)

[https://calmatters.org > commentary > 2025/11 > native-a...](https://calmatters.org/commentary/2025/11/native-a...)

Nov 24, 2025 — Both portray *Native* peoples as contributors to the *American project*, not as governments that still hold authority over their lands and citizens.

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A U-tube presentation:

