

Journal #5238 from sdc 7.7.22

Mural images

Gorsuch Sides With Liberal Justices To Rip Ruling About Crimes On Indigenous Lands

Congratulations to Crystal Miller

Combination of floating solar with hydropower could reduce PV curtailment

Bacteria made biofuels packs higher energy density than jet fuel

Heard of “green energy”? Now learn about “blue energy.”

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Scholarships

Now Open: \$500 Million in Clean School Bus Rebates - Webinars on How to Apply



Images of murals near and around downtown Reno.

Andy Barron/RGJ

Mural photos in this newsletter come from Andy Barron's photo gallery of murals in and around downtown Reno. [View all 137 here.](#)

Gorsuch Sides With Liberal Justices To Rip Majority's 'Embarrassing' Ruling About Crimes On Indigenous Lands

[Amelia Mavis Christnot](#)

Amelia Christnot is an Oglala Lakota, Kanien'kehá:ka Haudenosaunee and Metis Navy brat who settled in the wilds of Northern Maine. She considers herself another proud Mainiac. Member of NAJA.

On Wednesday, the United States Supreme Court ruled 5-4 that states have jurisdiction concurrent with the federal government to prosecute crimes committed by non-Indigenous peoples against Indigenous peoples on tribal lands.

The decision led by the court's conservative theocratic majority is being cited as a clear attack on tribal sovereignty.

Read the full article at <https://secondnexus.com/gorsuch-kavanaugh-tribal-sovereignty-decision>

Then read the comments! sdc

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**Elveda Martinez**

Yesterday, [Crystal Miller](#) defended her masters thesis titled: "Where Sovereignty Lies: The WRPT's Fight to Protect and Defend Unceded Lands and Sacred Sites Against U.S. Militarization". She passed and was officially granted her Master of Science in American Indian Studies from ASU. Her thesis covered many issues, but is mainly the history of how we live between two military installations and the impacts caused by those. I have to share this section, as I'm so glad that she has taken the time to learn and research these issues. I've shared a lot of information and had many discussions with her. She will carry this history forward and I know that this information is left in good hands. Thank you Crystal for letting me be a part of your educational journey.

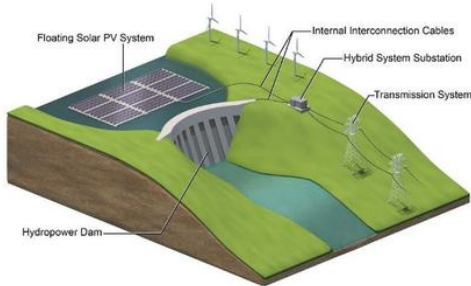
What good are we as tribal employees, leaders, mentors or elders if we don't share our knowledge with the younger generation.

### **ACKNOWLEDGMENTS**

I can never thank my mentors enough for the guidance and support I received from them throughout my educational journey. I wish to acknowledge firstly, with enormous gratitude, my thesis committee and mentors, Dr. David Martinez, Dr. Myla Vicenti Carpio, and Dr. Stephanie Fitzgerald. It is an honor learn from and work with each of you. To my long-time mentors and friends, Phoebe Cellitti and Elveda Martinez, you have guided me year after year to produce meaningful work, to be proud, and to give back in all that I do. The strength you showed me will never be lost. I hope I can continue to demonstrate that all of your teachings have been left in good hands and I will continue to be the best relative I can by always carrying your visions of the future.

**[pv magazine](#)**

Scientists from the National Renewable Energy Laboratory (NREL) have said that the **combination of floating solar with hydropower could reduce PV curtailment.** #solarenergy #solar #sustainability



[pv-magazine.com](http://pv-magazine.com)

**[Hybridizing floating solar with hydropower](#)**

**[Scientists from the National Renewable Energy Laboratory \(NREL\) have said that the combination of floating solar with hydropower could reduce PV curtailment.](#)**

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Researchers at Berkeley Lab have coaxed bacteria into directly producing a new biofuel with an energy density significantly higher than jet fuel.

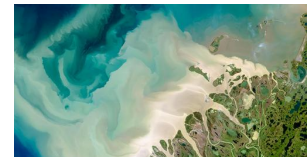


newatlas.com

[Bacteria-made biofuel packs higher energy density than jet fuel](#)

[As effective as fossil fuels may be, their impact on the planet cannot be overstated. Now researchers at Berkeley Lab have coaxed bacteria into directly producing a new biofuel with an energy density significantly higher than jet fuel.](#)

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**[Heard of “green energy”? Now learn about “blue energy.” #ScienceMagArchives](#)**



**Addie C. Rolnick, San Manuel Band of Mission Indians, Professor of Law**

Faculty Director, Indian Nations Gaming & Governance Program, UNLV Boyd School of Law  
Associate Director, Program on Race, Gender & Policing

Areas of expertise: Critical Race Theory, Juvenile Law, Indian Law, Criminal Law and Procedure, Tribal Law

**Bio:**

Addie C. Rolnick is the San Manuel Professor of Law at the University of Nevada, Las Vegas, William S. Boyd School of Law. She is the Faculty Director of the Indian Nations Gaming & Governance Program and the Associate Director of the Program on Race, Gender & Policing. She is also a member of the National Academy of Sciences Ad Hoc Committee on Reducing Racial Disparities in the Criminal Justice System. Prior to joining UNLV in 2011, she was the inaugural Critical Race Studies Law Fellow at UCLA School of Law. Before that, she represented tribal governments as a lawyer and lobbyist in Washington, D.C. She earned her J.D. (2004) and M.A. (2007) in American Indian Studies from UCLA and her B.A. (1999) from Oberlin College.

Professor Rolnick specializes in indigenous rights, juvenile and criminal law, and racial justice. She has written about Native people’s encounters with tribal, federal, and state justice systems, equal protection-based attacks on indigenous rights, formal and informal policing, and indigenous justice systems. Her article The Promise of Mancari: Indian Political Rights as Racial Remedy, 86 N.Y.U. L. Rev. 958 (2011), received an honorable mention for the Law and Society Association’s John Hope Franklin Prize recognizing the best article on race and law. She teaches Federal Indian Law, Tribal Law, Criminal Law, Juvenile Justice, Civil Rights, Critical Race Theory, and Law & Inequality: Policing, Protest & Reform.

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The area has four major geological features, the Andean uplift formed by Granits, the hanging glaciers and glacial erosional valleys,

<https://bit.ly/3k42uML>



geologyin.com

[The Rainbow Mountains in Peru Very Amazing](#)

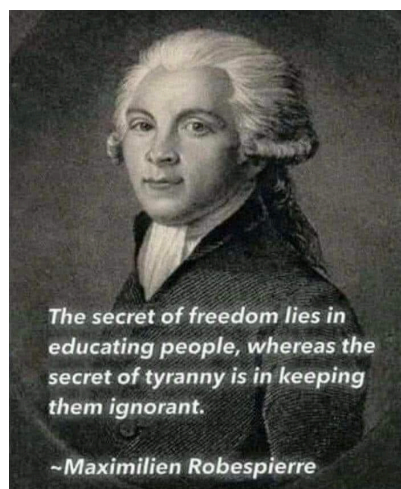
[Ausangate is a mountain of the Willkanuta mountain range in the Andes of Peru. The area has four major geological features, the Andean uplift formed by Granits, the hanging glaciers and glacial erosional valleys, the Permian formation with its singular colors](#)

[Ethnobotany, Cultural Fire, and Indigenous Stewardship with Payoomkawish Elder Richard Bugbee - Extended Ep 140](#)



As momentum continues to grow around the Land Back movement and Indigenous stewardship worldwide, the value of hearing from Elders who have long studied Indigenous traditions and lifeways, whether adopted or of their heritage, is a growing imperative. Their lived wisdom is essential, a gift and treasure for future generations, and continues the cycle of dynamic, intergenerational learning in the traditional way — the way of direct, felt experience and deep listening.

Hear Payoomkawish (Juaneño/Luiseño) Elder Richard Bugbee [<https://www.indigenousregeneration.org/>] share insights from his decades of studying the way of plants. He emphasizes the importance of reclaiming our ways of seeing, being and understanding the world by reclaiming Native languages and observing the world more closely. Enjoy provocative insights from an elder who has devoted his lifetime to the study of plants and their uses, the reclamation of language, and the practice of material culture. [LISTEN-CLICK HERE](#)





Indigenous Women Hike :

As I was walking past this sign a family asked me to take their picture with it. They stood happily posing with the sign and I told them I was gonna take their picture and give them a little history lesson. I said the sign may say John Muir Wilderness but it is actually Nüümü territory. Nüümü are also known as the Paiute people who still inhabit these lands. I'm one of them.

I honestly couldn't tell if they were surprised or annoyed but I kept on with my rant. John Muir actually followed our ancestral trade routes. My people have been traveling these lands for thousands of years. The John Muir Trail is actually the Nüümü Poyo meaning the People's Road/Trail. They decided to name it after JM in 1914. And you'll actually find that JM didn't have nice things to say about the Indigenous people and is partly responsible for our removal from places like Yosemite. The man said that he had been coming to the Sierra for close to 40 years and had no idea. I told the family to enjoy the land and their pictures.

I've seen so many people on the trail taking pictures with this sign and each time I cringe. But this time I got to tell them the truth behind the sign. Small price to pay for a family photo Edit** I would like to acknowledge that the Pamidu Toiyabe(Eastern Sierra)are ancestral trade routes and homelands for hundreds of tribes! Tribes like the Yokut, Miwuk, Kudzidika, Mono, and many more. Each tribe will have their own names(in their language) for the trail and specific areas. I would love to know Indigenous place names from other Nations. The names that I share will be Nüümü names.

The Pamidu Toiyabe, Nüümü Territory.

ProjectWET workshop: Climate Change and California Water

Join the California Department of Water Resources and Project WET for a special workshop for educators working with grade 3 through 12 students on climate change and its impact on California's water resources.

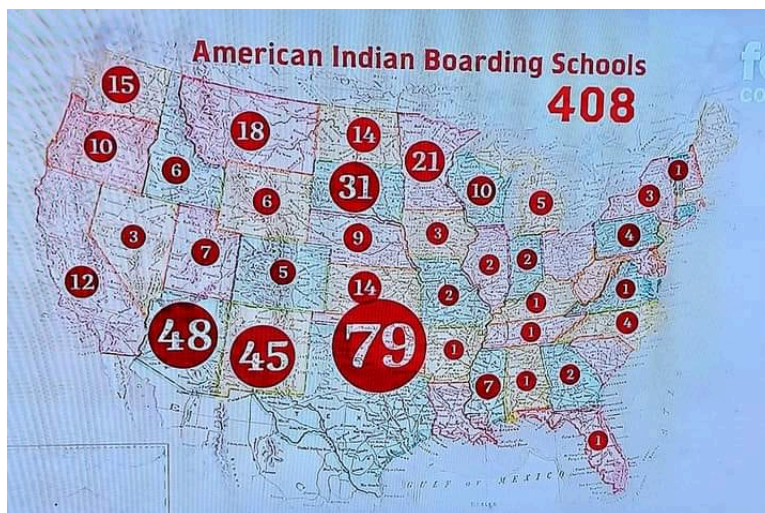
When: July 28, 2022 | 8 a.m. - 4 p.m. Where: Grasslands Environmental Education Center 18110 Henry Miller Road, Los Banos, CA, 93635 [Register Here](#)

ERASING, REWRITING AND
IGNORING HISTORY ARE VERY
STRONG TOOLS OF OPPRESSION.
HELPING OPPRESSORS TO
IDEALIZE AND SPREAD THEIR
OWN VERSION OF WHAT
OCCURRED. THIS IS WHY TRUE
NATIVE AND BLACK HISTORY
ARE NOT TAUGHT IN SCHOOLS
AND WHY THEY ARE WORKING
TO MAKE IT ILLEGAL.



sierranevadaally.org

[Stewart Indian School](#) leaves behind a complicated history - [Sierra Nevada Ally](#)
Five or six years ago, I took a night class on Wašiw [Washoe] language and culture offered
through Western Nevada College in Douglas County. During that time, I learned the story of the
probable-penguin who kept pine nuts in his pouch and threw them across the hills leading to the
pine forests thro...



from Native Hope



The Six Grandfathers Before It Was Known as Mount Rushmore

By Native Hope

When the Sioux and their allies defeated Custer and members of the 7th Cavalry, on June 25, 1876, there was a call for swift retaliation.

Two months later in August of 1876, the U.S. enacted "Sell or Starve" which withheld promised food rations from the tribes that defeated Custer and his men. The U.S. wanted the Black Hills—its gold and other resources. After suffering and starving, the Lakota relinquished their claim to their sacred lands: the Black Hills [Paha Sapa]. The [Act of 1877](#) was another breach of the 1868 Fort Laramie Treaty. A Congressional Act forced Indians onto reservations and the U.S. federal government took [ownership of the Black Hills](#).

Within the next few years, the Lakota and neighboring tribes faced the genocide of their culture, traditions, land—everything was gone. Sacred places like Wind Cave, Devil's Tower, Black Elk Peak, and Six Grandfathers Mountain (now [Mount Rushmore](#)—named after a wealthy NY lawyer in 1885) were now in the hands of the Euro-Americans. This was devastating.

[READ MORE](#)

New Interior offshore drilling plan draws mixed reviews

The Biden administration's latest offshore oil and gas drilling plan drew swift pushback from environmentalists and Democratic allies in Congress for its proposed new drilling sites and a "lack of clear signals" to energy markets. [Read more...](#)

GRAMMY Museum® Grant Program Awards \$200,000 for Music Research and Sound Preservation

Funds Will Provide Support for Archiving and Preservation Programs and Research Efforts That Examine the Impact of Music on Human Development

[T. Christopher Aplin](#) — Pasadena, California

Awarded: \$3,000

American Indian Soundchiefs was a Kiowa-owned record label owned by Linn D. Pauahty – the earliest, longest-running such label launched with an ear toward Indigenous aesthetics. This project will help Mary Helen Deer, the Linn D. Pauahty Foundation and Kiowa Tribe review existing Soundchiefs record catalogues; compile and inventory instantaneous disc, 78s, reel-to-reel, and cassettes; and prepare these recordings for future digitization and preservation.

[The Kealakai Center for Pacific Strings](#) — Kailua, Hawaii

Awarded: \$3,000

The Kealakai Center for Pacific Strings will synthesize a decade of primary data collection, interviews, research, and exhibit production to develop a digital museum and audio archive designed to share the largest untold chapter in the history of modern American music. The website and archive will illuminate the pivotal role that Hawaiian music has played in the evolution of popular music, a legacy of innovation, and global influence that endures today.

ABOUT THE GRAMMY MUSEUM

Established in 2008, the GRAMMY Museum is a nonprofit organization dedicated to cultivating a greater understanding of the history and significance of music through exhibits, education, grants, preservation initiatives, and public programming. Paying tribute to our collective musical heritage, the Museum explores and celebrates all aspects of the art form — from the technology of the recording process to the legends who've made lasting marks on our cultural identity.

For more information, visit www.grammymuseum.org, "like" the GRAMMY Museum on Facebook, and follow @GRAMMYMuseum on Twitter and Instagram.

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Derek Spencer, Program Manager T. 310.581.1260 dspencer@grammymuseum.org

[New tools may predict wildfire season severity, rainfall months ahead](#)

Washington Post, 6/27/2022

In the parched southwestern United States, few forecasts are as important as the future height of Lake Mead, which tells federal authorities how much water to release to the 20 million people living downstream of the giant reservoir. This year, the U.S. Bureau of Reclamation is testing out a new tool it hopes will make those projections a little better: A model that can predict — months in advance — the summer rainfall associated with the North American Monsoon.

Examples from CNN Archives:

<https://www.c-span.org/podcasts/subpage/?series=lecturesHistory>

May 14, 2022

Native Americans & the Federal Government

Black Hills State University professor Thomas Weyant teaches a class about Native American treaties and interactions with the federal government during the 19th century. [Download](#) (Duration: 1h 18m) | [Share This Episode](#)



May 15, 2021

Native American & English Trade in Colonial Virginia

Virginia Tech professor Jessica Taylor teaches a class about trade relationships between English colonists and Native peoples in Virginia. She talks about the trade networks between tribes prior to European contact, periods of conflict between colonists and Native Americans, and how slavery impacted the economy. [Download](#) (Duration: 1h 9m) | [Share This Episode](#)



November 24, 2019

Colonial Diplomacy & the Iroquois Confederacy

Gettysburg College professor Timothy Shannon teaches a class on Colonial-era diplomatic ties between the Iroquois Confederacy of the eastern Great Lakes region and European settlers. [Download](#) (Duration: 55m) | [Share This Episode](#)

October 9, 2019

Native Americans & Colonial-Era Power Struggles

Daniel Richter of the University of Pennsylvania teaches a class on 18th century power struggles between Native Americans, colonial settlers and European empires. [Download](#) (Duration: 1h 13m) | [Share This Episode](#)



September 7, 2019

Environmental Impact of California Gold Rush

University of Arkansas professor Elliott West lectures on the environmental impact of the California Gold Rush, part of a seminar for high school teachers hosted by the Gilder

Lehrman Institute of American History. [Download](#) (Duration: 1h 23m) | [Share This Episode](#)

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August 26, 2019

Abraham Lincoln and Native Americans

Stony Brook University professor Paul Kelton teaches a class about Abraham Lincoln and Native Americans. [Download](#) (Duration: 51m) | [Share This Episode](#)

■
July 6, 2019

Western Lands Before & After American Revolution

University of Utah professor Eric Hinderaker teaches a class about western settlement before, during and after the American Revolution.

[Download](#) (Duration: 1h 17m) | [Share This Episode](#)

■
June 8, 2019

Early English Missions in Colonial America

Providence College professor Edward Andrews teaches a class on early English missions in Colonial America. [Download](#) (Duration: 1h 1m) | [Share This Episode](#)

■
June 16, 2018

Public Lands & the Law in the Early Republic

Duke University professor Laura Edwards teaches a class on public lands and the law in the early American Republic. [Download](#) (Duration: 1h 16m) | [Share This Episode](#)

■
October 14, 2017

California Native Americans and Early 1800s Capitalism

Middle Tennessee State University professor Ashley Riley Sousa teaches a class on Native Americans and capitalism in early 19th century California.

[Download](#) (Duration: 1h 16m) | [Share This Episode](#)

■
October 14, 2017

California Native Americans and Early 1800s Capitalism

Middle Tennessee State University professor Ashley Riley Sousa teaches a class on Native Americans and capitalism in early 19th century California

[Download](#) (Duration: 1h 16m) | [Share This Episode](#)

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**Oklahoma painted tribal land as 'lawless dystopia' for SCOTUS: experts**

<https://www.businessinsider.com/oklahoma-tribal-land-as-lawless-dystopias-for-scotus-sovereignty-experts-2022-7>

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Scholarships

July 22 Deadline - Indigenous Leadership Academy's Second Cohort. Open to non-Arizona residents as well as Arizona residents. August through November. For more information click [here](#).

July 28 Deadline - Gateway Community College's Hoop of Learning Early College Program for high school freshmen, sophomore, or junior students. Must have a CIB or enrolled in a Federally/State recognized Tribe, and have a 2.0 GPA or higher. For more information call (602) 286-8197 or email [them](#).

July 29 Deadline - Inter Tribal Council of Arizona's scholarship essay opportunity for Fall 2022 academic semester. The Native Education for All Scholarship Essay. Applicants must be residing and living in Arizona, attending a community/tribal college, college, university or vocational/technical school in the state of Arizona Fall 2022-2023 Academic Year. \$2,000 scholarship for three students. For more information contact [Monique](#).

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## **Now Open: \$500 Million in Clean School Bus Rebates - Webinars on How to Apply**

**\$500 million is now available for Clean School Bus Rebates!** EPA's new Clean School Bus Program provides funding to replace existing school buses with zero-emission and low-emission models. EPA will be hosting a [series of webinars](#) on who is eligible, who is prioritized, and how to apply for the 2022 Clean School Bus Rebates. **Applications are due August 19, 2022**, so visit our [website](#) today!

### **Who is Eligible?**

The following entities are eligible to apply for EPA school bus rebates:

1. State and local governmental entities that provide bus service, including public school districts
2. Eligible contractors
3. Nonprofit school transportation associations
4. Indian tribes, tribal organizations, or tribally controlled schools

### **Who is Prioritized?**

1. High-need school districts and low-income areas limited to:
  - School districts listed in the [Small Area Income and Poverty Estimates \(SAIPE\) School District Estimates for 2020](#) as having 20% or more students living in poverty; and
  - School districts not listed in the SAIPE data, including most charter schools, that self-certify as having 20% or more students living in poverty pursuant to the federal poverty threshold. 3 EPA or its authorized representatives may request documentation demonstrating the poverty self-certification.
  - School districts located in the U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands.
2. Rural – School districts identified with locale codes “43-Rural: Remote” and “42-Rural: Distant” by the National Center for Education Statistics (NCES).
3. Tribal – Bureau of Indian Affairs funded school districts and school districts that receive basic support payments under [section 7703\(b\)\(1\) of title 20](#) for children who reside on Indian land.

### **When are the Webinars?**

[Click here to register](#) for the following webinars:

- July 13 @ 1PM ET – Office of the Inspector General: Fraud Prevention
- July 27 @ 1PM ET – How to Apply w/ Live Q&A
- August 10 @ 1PM ET – U.S. Department of Agriculture: Rural Electric Cooperatives
- August 24 @ 1PM ET – Next Steps: Rebates and Grants

Please email [cleanschoolbus@epa.gov](mailto:cleanschoolbus@epa.gov) if you have any questions after reading the Program Guidance.

We look forward to seeing you at an [upcoming webinar](#) and [receiving your application](#)!