

**Journal #5361 from sdc 12.27.22**

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*Alaska Native Group Protects Land Coveted by Pebble Mine Developers*

*The Day the Dinosaurs Died*

*“A Soul Wound” - A First Nation Built Its Culture Around Salmon; Now They Have to Fly In Frozen*

*Russia’s Invasion Has Systematically Destroyed Ukrainian Cultural Sites*

*Pink Snow is Not a Cute Phenomenon*

*Minnesota finalizes plan to keep wolf population stable*



*Day 13 Dakota 38+2 Memorial Ride Redwood Falls, MN to Fort Ridgely, MN  
Miles - 26 miles (280 miles total) Temp is -14 but feels like -44 Wind is 28 mph*

**A 330-mile horse ride in remembrance of the mass execution of Dakota people arrives in Mankato**

<https://www.startribune.com/330-mile-horse-ride-to-remember-mass-execution-of-dakota-people-arrives-in-mankato/600238801/>

Associated Press

**[Law protects export of sacred Native American items from US](#)**

Federal penalties have increased under a newly signed law intended to protect the cultural patrimony of Native American tribes, immediately making some crimes a felony and doubling the prison time for anyone convicted of multiple offenses. President Joe Biden signed the Safeguard Tribal Objects of Patrimony Act on Dec. 21, a bill that had been introduced since 2016. Along with stiffer penalties, it prohibits the export of sacred Native American items from the U.S. and creates a certification process to distinguish art from sacred items.



**Stolen Oakland U-haul contained prized Leonard Peltier statue**

A community search is underway in Oakland to try to find a U-Haul truck that was stolen last week. Inside that truck was a monumental sculpture representing imprisoned Native American activist ...

KTVU

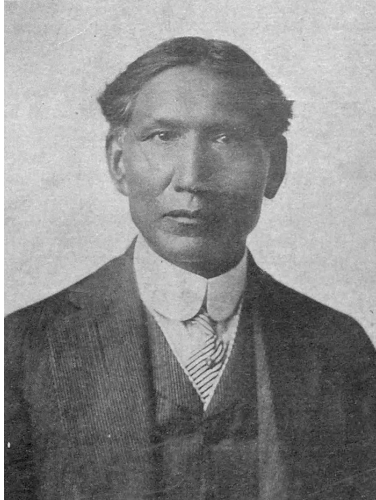
**[Srchtrendingnews](#)**

Over the years, there have been some vast discoveries that have changed everything we know about history. This world can be a fascinating place, right? After all, there can sometimes be the greatest discoveries lying right under our noses, just waiting to be found.

Perhaps it's no wonder the world is filled with people constantly looking to make the next greatest find, but these archaeologists couldn't believe what they came across after excavating this field in Kansas



This week, Scott and I are excited to sit down with Mary Peltola — she beat Sarah Palin (TWICE!) this year to become Alaska's first woman and Alaska Native to serve in the House of Representatives. Don't miss that interview — [you'll be able to find it here](#)



Ohiyesa, also known as Dr. Charles A. Eastman

*“It was our belief that the love of possessions is a weakness to be overcome. Its appeal is to the material part, and if allowed its way it will in time disturb the spiritual balance of the man. Therefore the child must early learn the beauty of generosity. He is taught to give what he prizes most, and that he may taste the happiness of giving, he is made at an early age the family almoner. If a child is inclined to be grasping, or to cling to any of his little possessions, legends are related to him, telling of the contempt and disgrace falling upon the ungenerous and mean man.*”

*Public giving is a part of every important ceremony. It properly belongs to the celebration of birth, marriage, and death, and is observed whenever it is desired to do special honor to any person or event. Upon such occasions it is common to give to the point of utter impoverishment. The Indian in his simplicity literally gives away all that he has, to relatives, to guests of another tribe or clan, but above all to the poor and the aged, from whom he can hope for no return.”*

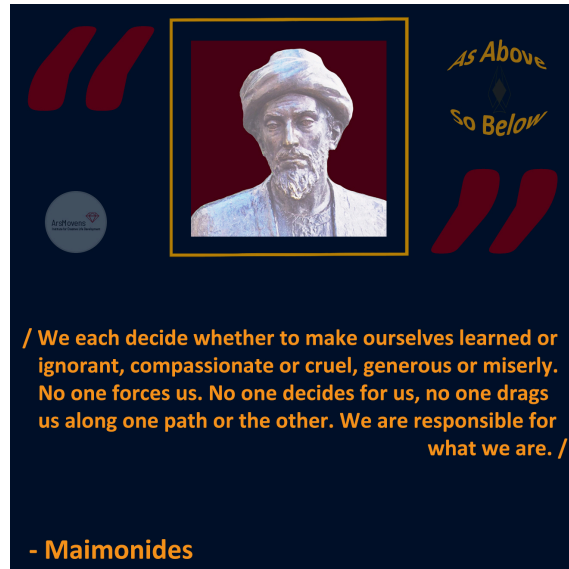
*– Ohiyesa, also known as Dr. Charles A. Eastman*

**Note:**

Ohiyesa was a Santee Dakota physician educated at Boston University, a writer, national lecturer, and reformer, who started 32 Native American chapters of the YMCA and helped found the Boy Scouts.

**“Ohiyesa: ‘It was our belief that the love of possessions is a weakness to be overcome.’”**  
**sources:**

The American Indian Magazine (Vol. 6, No. 4) by Society of American Indians, Richard Henry Pratt, published in 1919 – [Internet Archive](#) & [Wikimedia Commons](#) / “The Soul of the Indian, An Interpretation.” By Charles Alexander Eastman (Ohiyesa), published in 1911 – [Project Gutenberg](#)



### **\$4 million in funds available**

The City of Reno, acting as the lead agency for the Washoe County HOME Consortium, is currently seeking funding applications from eligible organizations supporting individuals and families experiencing homelessness, at risk of homelessness, and victims of domestic violence, as part of the HOME Investment Partnerships Program – American Rescue Plan (HOME-ARP).

The [application](#) for funding is open now through Jan. 9.

Eligible projects include: Supportive services, such as child care, education services, employment assistance and job seeking; homelessness prevention services; and housing counseling services; tenant-based rental assistance, including rental assistance, security deposit payments, and utility deposit assistance to qualifying households; acquiring and developing non-congregate shelters for individuals and families who meet qualifying populations; nonprofit organizations paying operating expenses that will carry out activities with HOME-ARP funds; nonprofit capacity building; and the development of rental housing within Reno, Sparks and the unincorporated area of Washoe County.

To find out if your organization qualifies for funding, visit [Reno.gov](https://reno.gov) or contact Hettie Read at [readh@reno.gov](mailto:readh@reno.gov). This is a competitive application/award process and applicants are not guaranteed funding.

### **SUBJECT: Affordable Connectivity Program Funding Opportunity**

Dear Tribal Leader:

You may have heard that the Federal Communication Commission's (FCC) [Affordable Connectivity Program \(ACP\)](#) is available to recipients of federal housing assistance. This includes a monthly benefit for Public Housing and Housing Choice Voucher households (up to \$30/month), and Tribal Housing households (up to \$75/month). In combination with many Internet Service Providers' (ISP) low-cost, high-speed plans, the ACP can cover, or nearly cover, the full cost of in-home broadband internet access.

This means more children with access to the internet to do their homework, more seniors who can access vital communication with doctors and loved ones, and more families with access to ever-growing digital opportunities.

The **FCC has made an unprecedented amount of funding available** to help get the word out, with specific set-asides for Tribal (\$10 million) and Public Housing communities (\$5 million).

I encourage you to learn more about these [grant opportunities](#) to fund ACP outreach in your community. **Here are a few steps you can take:**

1. **Tune in** to the recordings of the ACP grant program webinars:
  - [Affordable Connectivity Outreach Grant Program Webinar](#)
  - [FCC Tribal Webinar](#)
2. **Register to attend** the upcoming **ACP Grants Office Hour** on Wednesday, January 4, 2023 @ 12pm EST
3. **Review** the [ACP Grants Program FAQ](#) and the [ACP Grants Webpage](#)
4. **Review the funding opportunities below to apply** before the application deadline, **Monday, January 9, 2023, at 9pm EST** ([Step-by-Step Application Instructions](#) are also available):

Opportunity	Funding	Purpose	Eligible Entities	Deadline
<a href="#">Your Home, Your Internet (YHYI)</a>	\$5 million	Focus on funding outreach activities, including providing application assistance, for federal housing assistance recipients.	Includes PHAs & TDHEs	January 9, 2023
<a href="#">Navigator Pilot Program (NPP)</a>	\$5 million	Support outreach activities (including application assistance) by third-party entities.	Includes PHAs & TDHEs	January 9, 2023
<a href="#">The National Competitive Outreach and Tribal Competitive Outreach Programs (NCOP)</a>	\$70 million	Expand innovative outreach efforts – with a focus on reaching historically unserved and underserved populations.	Includes PHAs & TDHEs	January 9, 2023
<a href="#">Tribal Community Outreach Program (TCOP)</a>	\$10 million	Support Tribal outreach and facilitate the promotion of the ACP on Tribal lands.	Includes TDHEs	January 9, 2023

**Have questions about these pilot programs?** Contact the FCC at [ACPpilots@fcc.gov](mailto:ACPpilots@fcc.gov).  
**Have technical questions or issues with using the FCC Pilot Application Portal?** Email [ACProgram@usac.org](mailto:ACProgram@usac.org).

**And as always, you can reach HUD's [ConnectHome](#) team at [ConnectHome@hud.gov](mailto:ConnectHome@hud.gov).**  
**I hope you consider these opportunities to narrow the digital divide in your community.**

Happy Holidays! Dominique Blom, General Deputy Assistant Secretary, Office of Public and

Indian Housing

**Congress included \$20 million in funding for the National Scenic Byways Program** in the final text of its FY 23 appropriations bill, which was just passed by Congress and will soon be signed into law by the President.

In another win for byways, the legislation also calls for a more equitable grant application process for byways organizations by removing a provision stating a preference for projects of \$500,000 or more, which created a disadvantage for smaller organizations. The Federal Highway Administration (FHWA) is currently in the process of making \$22 million in funding from FY21 and FY22 available through a grant process, the first since 2012, and this new provision will take effect for the funds provided in FY23.

## **After Years of Pressure, 3M Will Stop Making 'Forever Chemicals'**

*John McCracken and Joseph Winters, Grist*

Excerpt: "In the face of continued legal action from states across the country, 3M, a Fortune 500 manufacturing company, will discontinue the use of 'forever chemicals' by 2025."

[READ MORE](#)

## **Interesting Engineering**

Researchers used LiDAR rather than radar.



[interestingengineering.com](http://interestingengineering.com)

[2,000-year-old Mayan civilization discovered in the north of Guatemala](#)

[Researchers have recently found a 2000-year-old Mayan civilization in the north of Guatemala.](#)

## **Water authority lays out Colorado River plan to protect Lake Mead, Lake Powell**

The water authority on Tuesday outlined how it thinks the Colorado River basin states and the federal government can drastically cut back on water use along the dwindling Colorado next year.

*“May the time soon come when the soldiers of all nations will realize they are human beings instead of animals, and brothers instead of enemies.”*      *Eugene Debs, 1914*

The Conversation

### [3 reasons local climate activism is more powerful than people realize](#)

Students rally for fossil fuel-free energy at the University of California, San Diego. Erik Jepsen/UCSD  
Global warming has increased the number of extreme weather events around the world by 400% since the 1980s. Countries know how to stop the damage from worsening: stop burning fossil fuels and shift to renewable energy, electrify transportation and industry, and reduce the carbon intensity of agriculture. But none of this is happening fast enough to avoid warming on a catastrophic scale. In my n

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### [Thawing permafrost is roiling the Arctic landscape, driven by a hidden world of changes beneath the surface as the climate warms](#)

Permafrost and ice wedges have built up over millennia in the Arctic. When they thaw, they destabilize the surrounding landscape. Michael Robinson Chavez/The Washington Post via Getty Images  
Across the Arctic, strange things are happening to the landscape. Massive lakes, several square miles in size, have disappeared in the span of a few days. Hillsides slump. Ice-rich ground collapses, leaving the landscape wavy where it once was flat, and in some locations creating vast fields of large, sunken

### **When did humans first begin to speak?**

When did humans first begin to speak, which speech sounds were uttered first, and when did language evolve from those humble beginnings? These questions have long fascinated people, especially in tracing the evolution of modern humans and what makes us different from other animals. George Poulos has spent most of his academic career researching the phonetic and linguistic structures of Afri

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### **What Fingerprints Tell Us About Jerusalem's Ancient Artisans**

*In an unusual collaboration, archaeologists in Israel are working with police to analyze prints left on fifth- or sixth-century pottery shards*

Extract:

Israel isn't the first country where fingerprints found during archaeological research have [elicited curiosity](#) and [spurred questions](#) about who left them behind.

In 2019, an [analysis](#) of fingerprints on vessel fragments unearthed in the southwestern United States concluded that both men and women [produced pottery](#) in a 10th- and 11th-century Puebloan community. Going back much further in time, a [2020 analysis](#) of fingerprints found on 7,000-year-old Spanish cave paintings revealed that a man in his mid-30s and a girl as young as 10 years old were likely [among the artists](#).

[John Kantner](#), an archaeologist at the University of North Florida who led the [Pueblo project](#), first learned of fingerprint analysis' applications in archaeology when one of his students, a former police officer, wrote his thesis on the topic nearly two decades ago.

“It opened up a whole world for me,” Kantner says.

[https://www.smithsonianmag.com/history/what-fingerprints-tell-us-about-jeruselems-ancient-artisans-180981238/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=20221226daily-responsive&spMailingID=47793202&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2362600607&spReportId=MjM2MjYwMDYwNwS2](https://www.smithsonianmag.com/history/what-fingerprints-tell-us-about-jeruselems-ancient-artisans-180981238/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=20221226daily-responsive&spMailingID=47793202&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2362600607&spReportId=MjM2MjYwMDYwNwS2)

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From one of the “Best Children’s Books of 2022” List

### ***Berry Song* by Michaela Goade**

Just as her grandmother did when they picked berries together in Sheet’ká, Alaska, author-illustrator Michaela Goade (the first Native American to [win](#) a Caldecott Medal) imparts important lessons of her Tlingit culture to readers in her new book, [Berry Song](#). In the story, a grandmother goes berry picking in the forest with her granddaughter, all the while singing “Salmonberry, Cloudberry, Blueberry, Nagoonberry. Huckleberry, Soapberry, Strawberry, Crowberry,” to let “berry—and bear—know we are here.” While the refrain calls to mind Bruce Degen’s classic [Jamerry](#), the message of *Berry Song* hits much deeper. Goade shows how the Tlingit people speak to the land, care for the land and are part of the land. To the land, which gives so much in return, the story’s characters say *gunalchéesh*, or “thank you” in the Tlingit language. The book’s endpapers are illustrated with berries labeled in both English and Tlingit—highbush cranberry (*kaxwéix*), lingonberry (*dáxw*), black currant (*kaneilts’ákw*) and more.

In my family, berry picking is a near-sacred ritual, but hopefully others will find Goade’s book as moving as it was for me. (*Recommended ages: 4 to 8*)



### **[Berry Song](#)**

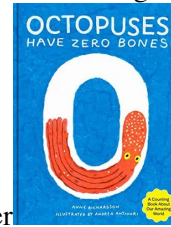
Caldecott Medalist Michaela Goade's first self-authored picture book is a gorgeous celebration of the land she knows well and the powerful wisdom of elders.

*And I like these two also”*

**[Octopuses Have Zero Bones: A Counting Book About Our Amazing World](#)** An unconventional, engaging, and delightful counting book for curious minds that playfully uses numbers as an entry-point to discover the amazing, diverse, fact-filled world of wonders all around us.



Octopuses Have Zero Bones: A Counting Book About Our Amazing World During Covid-19 lockdowns



in the spring of 2020, Anne Richardson and her two kids obsessed over numbers. “How many seeds are in an apple, how small are hummingbird eggs, and how many miles away is Saturn?” she writes in her author’s note. They counted and measured, until Richardson realized she had enough facts and figures to fill her debut children’s book, [Octopuses Have Zero Bones](#). With degrees in art history and environmental studies, the senior staffer at San Francisco’s Exploratorium was perfectly suited to deliver an artful romp through math and science. The book works its way from zero to nine, providing three facts for each number. With each number also comes a power of 10 (1 and 10, 2 and 200, 3 and 3,000), with three bonus facts about it.

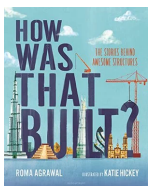
Kids stump the best of us with their questions, but Richardson’s clever counting book is prepared for the most inquisitive readers, bringing answers to fresh questions they may not even have thought to ask. Like, how fast does a black bear’s heart beat? The answer: 3,000 times every hour during much of the year. (*Recommended ages: 6 to 9*)

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### **How Was That Built? The Stories Behind Awesome Structures by Roma Agrawal**

Structural engineer Roma Agrawal wrote [Built](#) for adults in 2018, and now, four years later, she’s adapted that same concept, explaining how the world’s greatest architectural wonders were made to a younger audience. In her new release, [How Was That Built?](#), she examines the ingenuity behind structures the world over—from the Shard in London, which she helped design, to the Pantheon in Rome, the Burj Khalifa in Dubai and the Halley VI Research Station in Antarctica.

I like a big book that allows me to make a short selection to read at bedtime, and this one has so many entry points. *How Was That Built?* contains illustrations of skyscrapers, cathedrals, bridges, dams and more, all annotated with fun factoids. Agrawal also spotlights innovators and provides “Try It at Home” experiments that demonstrate the forces that act on built structures. The book is perfect for Lego-obsessed fort builders in your life who spent their toddler years hovering near construction sites. Agrawal would also encourage you to give it to a child who hasn’t yet shown much interest in math and science, though. The Indian British American engineer has made it her mission to open doors for marginalized communities, specifically girls and women of color, who may not consider engineering for a career. (*Recommended ages: 6 to 9*)



### **[How Was That Built?: The Stories Behind Awesome Structures](#)**

This striking book explains the feats of engineering behind the world's most impressive architectural marvels.



**Inside the Nisga'a Nation's Fight to Get a 36-Foot Totem Pole Back From Scotland**

[https://www.smithsonianmag.com/history/inside-the-nisgaa-nations-fight-for-the-return-of-a-36-foot-totem-pole-180981342/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=20221226daily-responsive&spMailingID=47793202&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2362600607&spReportId=MjM2MjYwMDYwNwS2](https://www.smithsonianmag.com/history/inside-the-nisgaa-nations-fight-for-the-return-of-a-36-foot-totem-pole-180981342/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=20221226daily-responsive&spMailingID=47793202&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2362600607&spReportId=MjM2MjYwMDYwNwS2)

**Ian Zabarte: Downwinders make news**

<https://www.google.com/amp/s/www.reviewjournal.com/entertainment/movies/we-are-all-downwinders-new-film-discusses-nevadas-nuclear-fallout-2695496/amp/>

**Shell to Pay \$16 Million to Nigerian Farmers Over Oil Damage**

*BBC*

Excerpt: "Shell has agreed to pay \$16m (£13m) to four Nigerian farmers and their communities to compensate for damage allegedly caused by pollution coming from leaks in its oil pipelines."

**READ MORE**

**Alaska Native Group Protects Land Coveted by Pebble Mine Developers**

*Maxine Joselow and Vanessa Montalbano, The Washington Post*

Excerpt: "The fate of Bristol Bay has been contested for more than a decade."

**READ MORE**



[newyorker.com](https://www.newyorker.com)

**The Day the Dinosaurs Died**

**A young paleontologist may have discovered a record of the most significant event in the history of life on Earth.**

## **‘A Soul Wound’: A First Nation Built Its Culture Around Salmon. Now They Have to Fly It in Frozen**

*Genesee Keevil, Guardian UK*

Keevil writes: "In late summer every year, when buckbrush on the mountains turns yellow and the soapberries grow soft and translucent, families from Little Salmon Carmacks First Nation gather at the mouth of Tatchun creek to fish for their namesake."

**READ MORE**

## **A Culture in the Cross Hairs: Russia’s Invasion Has Systematically Destroyed Ukrainian Cultural Sites**

*Jason Farago, Sarah Kerr, Ainara Tiefenthaler and Haley Willis, The New York Times*

Excerpt: "Russia’s invasion has systematically destroyed Ukrainian cultural sites. A Times investigation has identified 339 that sustained substantial damage this year."

**READ MORE**

## **Pink Snow Is Not a Cute Phenomenon—Here’s Why**

Researchers are trying to understand what drives the algal blooms that tinge ice—and have implications for the drought-stricken American West’s water supply.

## **Minnesota finalizes plan to keep wolf population stable**

<https://www.startribune.com/minnesota-finalizes-plan-to-keep-wolf-population-stable/600238736/>



[Amazing Nature](#) ·

Rainbow Leaf Beetle (Chrysolina Beetle) with dew droplets  
Photo: Alexander Mett Photography