

**Journal #5294      from sdc      9.23.22**

*Sunrise at Pyramid Lake*

*Build Your Audience Through Strategic Organizational Alignment*

*Scientists have calculated how many ants are on Earth. The number is so big it's 'unimaginable.'*

*National Environmental Justice Advisory Council Virtual Public Meeting:*

*Crows Are Self-Aware and 'Know What They Know,' Just Like Humans*

*Waterkeeper Alliance 2022 Impact Report*

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*Ancient Maya cities were dangerously contaminated with mercury*

*MIT tech could keep items cool without using any electricity*

*Annette's Quest*



*Sept 5 sunrise at Pyramid Lake*



**RAFFLE**  
**\$1.00 each or**  
**6 for \$5.00**

Prizes include Bird and Warrior drawings, Beaded rim Hat, Beaded buckle, Beaded keychain, Woven Gourd, Hand-made necklace and beaded and shell earrings, Ribbon Skirt, Ribbon Shirt, scarves, Vivitar camera, Headphones, apron, WFC keychain and Buckaroo video and book, Gathering of Recipes, You Are The Medicine t-shirt, turtle pottery. Candle, Night light, Pendleton picnic blanket, ...

Contact Mary Gibson at (207)504-6765 for more information.

*Drawing to be held on*  
**September 17<sup>th</sup> at 1:00 pm**

Raffle drawing now to be held on October 1, 2022.

## **Build Your Audience Through Strategic Organizational Alignment**

By American Alliance of Museums

Renowned arts management expert Michael Kaiser believes most plans to build audiences fail because they are not integrated enough with the organizations' overall strategic plans, nor specific enough in their aims. Watch or read a transcript of his talk explaining how he avoided this fate at the Kennedy Center and Alvin Ailey American Dance Theater.

[Read more »](#)

[Scientists have calculated how many ants are on Earth. The number is so big it's 'unimaginable.'](#) (msn.com)

## National Environmental Justice Advisory Council Virtual Public Meeting: September 28, 2022

The [National Environmental Justice Advisory Council \(NEJAC\)](#) is convening a public meeting on Wednesday, September 28, 2022, from approximately 12:00 p.m. to 6:00 p.m., Eastern Time. Individual registration is **REQUIRED**. The meeting is free and open to all members of the public. Registration to attend the meetings is open through the scheduled end time of the meeting day.

**Register Here:** [https://usepa.zoomgov.com/webinar/register/WN\\_kB\\_BJikKSQyvo8IxRyYnNg](https://usepa.zoomgov.com/webinar/register/WN_kB_BJikKSQyvo8IxRyYnNg)

(Please make sure you have the latest version of zoom: <https://support.zoom.us/hc/en-us/articles/201362233-Upgrade-update-to-the-latest-version>)

**Agenda:** The meeting discussions will focus on several topics including, but not limited to, EPA administration priorities, recommendations on EPA's 2021 PFAS (per- and polyfluoroalkyl substances) Strategic Roadmap, and recommendations on community air quality monitoring that provides greater protection, and clean and healthy air to environmental justice communities.

**Public Comment Period:** The NEJAC is interested in receiving public comments on the EPA administrative priorities and recommendations. Individuals or groups making remarks during the oral public comment period will be limited to three (3) minutes. Please be prepared to briefly describe your comments; including what you want the NEJAC to advise the EPA to do.

Submitting written comments for the record are strongly encouraged. Written comments can be submitted up until October 12, 2022.

Written comments can be submitted in three different ways:

- 1.) Using the webform at <https://www.epa.gov/environmentaljustice/forms/national-environmental-justice-advisory-council-nejac-public-comment>,
- 2.) Sending comments via email to [nejac@epa.gov](mailto:nejac@epa.gov) and
- 3.) Entering comments in the Docket ID No. EPA-HQ-OA-2022-0053 at <http://www.regulations.gov>.

For more information about public comment: <https://www.epa.gov/environmentaljustice/national-environmental-justice-advisory-council-guidelines-public-comment-0>

For more information on the NEJAC, visit our website: <https://www.epa.gov/environmentaljustice/national-environmental-justice-advisory-council>

**Questions:** Please contact please contact Paula Flores-Gregg at [nejac@epa.gov](mailto:nejac@epa.gov) or by phone at (214) 665-8123.

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### Crows Are Self-Aware and 'Know What They Know,' Just Like Humans

Almost no other species has that kind of higher intelligence.

[Popular Mechanics](#)      Caroline Delbert

[https://getpocket.com/explore/item/crows-are-self-aware-and-know-what-they-know-just-like-humans?](https://getpocket.com/explore/item/crows-are-self-aware-and-know-what-they-know-just-like-humans?utm_source=pocket-newtab)

utm\_source=pocket-newtab



**We are proud to present the Waterkeeper Alliance 2022 Impact Report!**

This year's Impact Report highlights the collective advocacy and strength of our global movement. These thousands of local actions may seem as small as drops of water at first. However, when taken together, they represent a tidal wave of advocacy in support of one global goal: protecting the right to clean water for all.

Read more about:

- Our celebration of the 50th anniversary of the Clean Water Act, a historical cornerstone law for our U.S. advocacy by highlighting the many local victories our movement has achieved, while still keeping an eye on the future by preparing for future threats to clean water.
- Our first in-person conference in four years. Waterkeepers from all over the world gathered in Washington, D.C. for five days of brainstorming, learning, and much-missed camaraderie.
- Our commitment to protecting clean water. Whether in the court of law or the court of public opinion, we used every legal remedy to keep polluters at bay and advocate for clean water.

**[Find our 2022 Impact Report on our website.](#)**

Thank you for your continued support,

**[Marc Yaggi, CEO](#)**

**Stanford Continuing Studies**

Stanford Continuing Studies is offering an outstanding Fall lineup of more than 140 online and on-campus courses ranging from art history and current events to business and data science. Designed to cultivate learning and enrich the lives of adults, courses are taught by Stanford instructors and industry experts.

Register today at: [continuingstudies.stanford.edu](https://continuingstudies.stanford.edu)



## Working With Tribes To Co-Steward National Parks

13-Minute Listen

- [Download](#)
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<iframe src="https://www.npr.org/player/embed/1124112118/1124424323" width="100%" height="290" frameborder="0" scrolling="no" title="NPR embedded audio player"></iframe>

- [Transcript](#)

**Charles F. "Chuck" Sams III is the first Native American director of the National Park Service. He's working to facilitate US government collaboration with tribes on managing public lands.**  
Bill Clark/CQ-Roll Call, Inc via Getty Imag

In the final episode of [Short Wave's Summer Road Trip series](#) exploring the science happening in national parks and public lands, Aaron talks to National Park Service Director Charles Sams, [who recently issued new policy guidance](#) to strengthen the ways the park service collaborates with American Indian and Alaska Native Tribes, the Native Hawaiian Community, and other indigenous peoples. It's part of a push across the federal government to increase the level of tribal co-stewardship over public lands. Aaron talks with Sams, the first Tribal citizen to head the agency, about how he hopes this will change the way parks are managed, how the parks are already incorporating Traditional Ecological Knowledge, and what national parkland meant to him growing up as a member of the Cayuse and Walla Walla tribes on the Umatilla Indian Reservation in eastern Oregon.

Listen to more episodes about all the amazing research taking place on public lands, where we hike up sky islands and crawl into caves in search of fantastical creatures, by visiting the series website: <https://www.npr.org/series/1120432990/road-trip-short-wave>

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### The Breathtaking Glen Canyon Reveals Its Secrets

Water woes threaten America's second largest reservoir—but leave new vistas in their wake



[https://www.smithsonianmag.com/science-nature/glen-canyon-reveals-its-secrets-180980754/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=20220922-daily-responsive&spMailingID=47405247&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2322320780&spReportId=MjMyMjMyMDc4MAS2](https://www.smithsonianmag.com/science-nature/glen-canyon-reveals-its-secrets-180980754/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=20220922-daily-responsive&spMailingID=47405247&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2322320780&spReportId=MjMyMjMyMDc4MAS2)

*To amplify one of my rants.....although not discussed directly, the importance of the ability to read cursive when doing historic research is beautifully illustrate in this discussion. Just a little reminder that many rights are hidden in many documents that need to be brought forward. If your kids cannot read cursive, they will not be able to defend your right. sdc*

## **The Handwriting Is on the Wall: Cursive Is in Decline**

### [Download](#)

In one of her undergraduate history seminars, Harvard professor Drew Gilpin Faust recently discovered that the majority of her students could not read cursive. To them, it was like a foreign language. This is not surprising as cursive was not part of the Common Core educational standards introduced in 2010, though half of the nation's states, including California, now include cursive in their curriculum. Some argue that computers have made the need for handwriting obsolete. But research suggests that handwriting, and cursive in particular, helps children read better and retain knowledge. What is lost when we cannot write or read in cursive? We'll talk to experts on handwriting, and we'll hear from you: Is cursive relevant anymore and how's your handwriting?

### **Guests:**

**Drew Gilpin Faust**, Arthur Kingsley University professor in History Organization, Harvard University - Faust is the former president of Harvard University; recent article for the Atlantic is titled, "Gen Z Never Learned to Read Cursive"

**Robert Wiley**, assistant professor, Department of Psychology, University of North Carolina, Greensboro

**Virginia Berninger**, professor emeritus, University of Washington College of Education

**Sandra Gutierrez**, associate DIY Editor, Popular Science; recent article, "Wait, It's Not to Late to Get Good Handwriting"

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**826 Valencia on 20 Years of Publishing San Francisco's Youth** Alexis Madrigal

With the goal of helping San Francisco's under-resourced students develop their voices as writers, the nonprofit 826 Valencia — founded at that exact address in San Francisco's Mission District — turned 20 this year. There are now nine 826 chapters nationwide, and in San Francisco more than 5,600 students are served by the program in the back of its pirate store flagship, in its Tenderloin and Mission Bay centers and in eleven public schools across the city. Nearly 3 thousand students have been published in its writing collections and podcasts, proudly calling themselves published authors. We'll hear some works by 826's youth authors and talk with the founders and current team about the importance of celebrating — and publishing — youth voices.

<https://www.kqed.org/forum/2010101890684/826-valencia-on-20-years-of-publishing-san-franciscos-youth>

## It's A Fact: It's the 58th Year for the Wilderness Act!

Thanks to the signing of the Wilderness Act on September 3, 1964, Wilderness designation and protection has been in place for 58 years! Although Friends of Nevada Wilderness was not established until 1984, several founding members of Friends including Marge Sill, Mother of Nevada Wilderness, were active in passage of the Wilderness Act.

Did you know that Jarbidge in Elko County, Nevada's first Wilderness, was designated with the original act? Of course, human history in Jarbidge dates back much further than 1964 - archaeological evidence from Deer Creek Cave suggests that this area was occupied approximately 6,000 years ago. Today, the Jarbidge Wilderness offers an ideal destination for exploration. About 150 miles of trails carry visitors into the spectacular backcountry of the Jarbidge Wilderness. The lower elevation trails open in May and the upper trails are accessible in June or July, depending on the snowpack. Busy times are holiday weekends and hunting season toward the end of October.

In the meantime, if you're looking to get wild this weeked from the comfort of your home, check out the recent updates to the Explore section of our website where you can learn about each of Nevada's Wilderness Areas, Wilderness Study Areas, and National Conservation Areas. To get you started, here's the link to the Jarbidge Wilderness.

### **Oil Companies Still Misleading the Public to Keep Polluting, Document Dump Reveals**

*Olivia Rosane, EcoWatch*

Rosane writes: "It is well documented that major oil and gas companies have known about the dangers of the climate crisis since the late 1970s, yet chose to double-down on their existing business models and fund climate denial."

[READ MORE](#)

### **The Science Behind Nonalcoholic Wine**

**by Lauren Oster**

Drinking habits are changing, and vintners are exceeding tasters' expectations with new options stripped of their alcohol

<https://www.smithsonianmag.com/innovation/the-science-behind-nonalcoholic-wine-180980805/?>

[utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=20220921-daily-responsive&spMailingID=47399585&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2322215087&spReportId=MjMyMjIxNTA4NwS2](https://www.smithsonianmag.com/innovation/the-science-behind-nonalcoholic-wine-180980805/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=20220921-daily-responsive&spMailingID=47399585&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2322215087&spReportId=MjMyMjIxNTA4NwS2)



## NEWE CULTURAL DAYS

October 15 & 16, 2022

Fallon Paiute/Shoshone Tribes Reservation  
Education Building

*"Encouraging the continuation of Newe way of life  
for today's Newe and future generations to come."*

Funding provided by the Liljebald Endowment Fund

Contact Darlene Graham for more information: (775) 761-3928

### Saturday, October 15, 2022

8:00 am Registration  
9:00 am Shoshone medicine plant words for use in Medicine Bags. Presented by Darlene Graham.  
10:00 am Break  
11:00 am Shoshone medicine plant words (cont'd).  
12:00 pm Lunch  
1:00 pm Medicine Bag making. Presentation by Reynald James (limited to 16 persons).  
4:00 pm Closing.

### Sunday, October 16, 2022

8:00 am Registration  
9:00 am Shoshone cultural place names and mapping. Presented by Ian Zabarte.  
12:00 pm Lunch  
1:00 pm Map-making with shared place names.  
4:00 pm Closing.

Pooha-Bah Traditional Native American Healing Center  
P.O. Box 29, Tecopa, CA 92389



## California Has Legalized Human Composting

By 2027, Golden State residents will have the choice to turn their bodies into nutrient-rich compost  
by **Sarah Kuta**

[https://www.smithsonianmag.com/smart-news/california-has-legalized-human-composting-180980809/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=20220921-daily-responsive&spMailingID=47399585&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2322215087&spReportId=MjMyMjlxNTA4NwS2](https://www.smithsonianmag.com/smart-news/california-has-legalized-human-composting-180980809/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=20220921-daily-responsive&spMailingID=47399585&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2322215087&spReportId=MjMyMjlxNTA4NwS2)

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### **'A historic find': Prehistoric Native American jawbone discovered near Iowa river**

A human jawbone found near the Iowa River was likely that of a prehistoric Native American, experts said, after human bones were found in August

Read in USA TODAY: <https://apple.news/Av3WJUddjTaq1HcCAeoLdzw>

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Congress is about to lose its science guy

### **Planets on his tie and math book on his nightstand? It must be Jerry McNerney**

[https://rollcall.com/2022/09/23/congress-is-about-to-lose-its-science-guy/?utm\\_source=morningheadlines&utm\\_medium=email&utm\\_campaign=newsletters&utm\\_content=09/23/2022](https://rollcall.com/2022/09/23/congress-is-about-to-lose-its-science-guy/?utm_source=morningheadlines&utm_medium=email&utm_campaign=newsletters&utm_content=09/23/2022)

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### **Ranchers' rebellion: the Californians breaking water rules in a punishing drought**

Ranchers risk fines amid a clash over water rights, as regulators and Indigenous nations warn of environmental danger

Read in The Guardian: <https://apple.news/A0HWiJ3X-RLSkxTaXkQ4CJQ>

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### **Ancient Maya cities were dangerously contaminated with mercury**

The cities of the ancient Maya in Mesoamerica never fail to impress. But beneath the soil surface, an unexpected danger lurks there: mercury pollution. In a review article in *Frontiers in Environmental Science*, researchers conclude that this pollution isn't modern: it's due to the frequent use of mercury and mercury-containing products by the Maya of the Classic Period, between 250 and 1100 CE. This pollution is in places so heavy that even today, it poses a potential health hazard for unwary

Read in [Phys.org](https://apple.news/AqZyYRkAUT_iej42cP0yRPA): [https://apple.news/AqZyYRkAUT\\_iej42cP0yRPA](https://apple.news/AqZyYRkAUT_iej42cP0yRPA)

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

[MIT tech could keep items cool without using any electricity](#)

[In some of the world's hottest countries, where cooling systems are most needed, the infrastructure required to power such setups is often lacking. A new system could help in that regard, as it provides multiple cooling effects but uses no electricity.](#)



I like to read aloud outside to my fourth graders as much as I can. One week during our read-aloud time, construction workers were close by. On their last day, they came over and asked the name of the book we were reading. They had been listening and wanted to buy the book, so they could know how it ended.

—Morgan Cottle

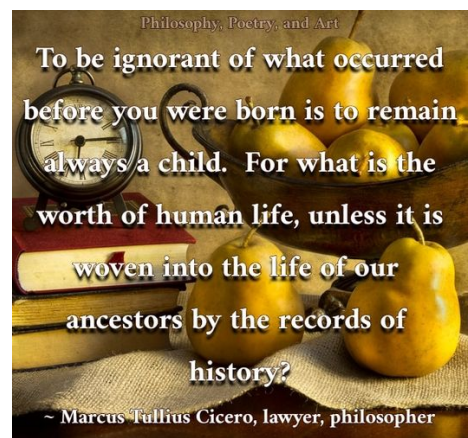


[The Book Hangout Spot](#) ·

[Hasitha Perera](#) · ·

Nice reading space inside a library.

Oak tree, Wallingford public library, Wallingford, Connecticut.



## Annette's Quest



[Antoinette Cavanaugh](#)  
[made the climb!! Over 18 miles! A beautiful view in O Cebreiro!](#)