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Lost years: Climate damage that occurred on Trump's watch will endure long after he is gone

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Utah politicians oppose Biden's executive order on Bears Ears, Grand Staircase

10 spectacular stargazing events to watch in 2021

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Want more Trump transparency? Mark your calendar.

Montana's National Buffalo Range Transferred to Tribes

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The California Rural Indian Health Board (CRIHB) just received a \$2.5 million grant from DOL

Biden-Harris First Day Actions Signal Commitment to Birds and Climate



Nearly 90% of Land Animals Could Lose Habitat by 2050, Study Finds

I do not like bugs. Creepy, many-legged things make my skin crawl. But as unpleasant as they are, insects are absolutely crucial for our world's ecosystems to function, and sadly, new research shows that the creatures populations are on the verge of collapse.

Read in Gizmodo: https://apple.news/AcpK_HyyZQr-1W6lOrxseLA

"The lost years': Climate damage that occurred on Trump's watch will endure long after he is gone

<https://www.cnn.com/2021/01/18/politics/trump-climate-legacy-bidens-challenge/index.html>

Ancient indigenous New Mexican community knew how to sustainably coexist with wildfire

Wildfires are the enemy when they threaten homes in California and elsewhere. But a new study led by SMU suggests that people living in fire-prone places can learn to manage fire as an ally to prevent dangerous blazes, just like people who lived nearly 1,000 years ago.

Read in [Phys.org](https://apple.news/A1Zwp6g_ISb-s0VtVYAdihA): https://apple.news/A1Zwp6g_ISb-s0VtVYAdihA

Utah politicians oppose Biden's executive order on Bears Ears, Grand Staircase

<https://www.fox13now.com/news/local-news/utah-politicians-oppose-bidens-executive-order-on-bears-ears-grand-staircase>

10 spectacular stargazing events to watch in 2021

https://www.nationalgeographic.com/science/2020/12/ten-spectacular-stargazing-events-to-watch-in-2021/?utm_source=pocket&utm_medium=email&utm_campaign=pockethits

GrantStation

COVID-19 Related Funding

Poetry Organizations Eligible for Emergency Support

The Poetry Foundation's Emergency Grants Fund supports poetry and affiliated art organizations struggling during the COVID-19 pandemic.

Grants for Organizations in the Central Savannah River Area of Georgia and South Carolina

The Community Foundation for the Central Savannah River Area's COVID-19 Emergency Response Fund awards grants to nonprofit organizations for programs serving the immediate needs of economically vulnerable populations.

Relief Funding for Denver Area Nonprofits

The Denver Foundation is offering COVID-19 relief funding to local nonprofit organizations through two programs: the COVID-19 Recovery & Resilience program and the COVID-19 Arts & Culture Relief Fund.

National Opportunities

Major Support for Solutions Addressing Issues Facing Disadvantaged Communities

The Andrew Family Foundation seeks to partner with nonprofit organizations in the United

States offering creative solutions that address issues facing under-resourced communities as well as the protection and preservation of the natural environment in which they live.

Direct Service Programs for Traumatized Children Funded

The Weyerhaeuser Family Foundation's Children's Initiative provides support to direct service programs that promote resilience, stability, and psycho-social health for youth ages 14 to 21 who have been traumatized by Adverse Childhood Experiences (ACEs).

Grants Promote Youth Justice Efforts

The Visionary Freedom Fund seeks to ensure that Black, Brown, and Indigenous (BIPOC) youth impacted by the youth justice system on the frontlines have the resources, capacities, infrastructure, and relationships they need to develop and implement inspiring long-term, visionary change in their communities.

Community Gardens in the U.S. and Canada Supported

The Nature's Path Gardens for Good program supports nonprofit organizations with community garden projects in the U.S. and Canada.

Regional Opportunities

Funds for Literacy Programs in Company Communities

The Dollar General Literacy Foundation supports nonprofit organizations, educational institutions, and libraries that offer literacy programs in communities served by Dollar General in every state with the exception of Alaska, Hawaii, Idaho, and Montana.

Grants Focus on Cancer Issues in Oregon Communities

The Oregon Health and Science University (OHSU) Knight Cancer Institute is an international leader in research and cancer treatment.

Project and Operating Support for Social Justice Collaborations in Alaska

The Alaska Community Foundation works to connect people, organizations, and causes to strengthen Alaska's communities.

Matching Funds for Healthy Living Projects in Iowa and South Dakota

The Wellmark Foundation is dedicated to improving the health of Iowans, South Dakotans, and their communities.

Federal Opportunities

Wetland Conservation Supported

The North American Wetlands Conservation Act U.S. Standard Grants Program offers matching grants to support public-private partnerships carrying out projects that further the goals of the Act.

Funds Available for Fire Safety Research and Fire Prevention

The Fire Prevention and Safety Grant program supports fire prevention programs and firefighter health and safety research and development.

[Our Planet, Our Purpose: STEM for Changemaking Challenge](#)

The Our Planet, Our Purpose: STEM for Changemaking Challenge honors young people solving the world’s most pressing environmental challenges by using STEM skills. Young people between the ages of 14 and 20 residing in the U.S. or its territories are eligible to apply. [Learn more](#) about the Challenge guidelines and application process.



[Bloomberg Initiative to Reduce Tobacco Use Grants Program](#)

The Bloomberg Initiative to Reduce Tobacco Use Grants Program is a global initiative to reduce tobacco use in low- and middle-income countries. The Initiative supports projects to develop and deliver high-impact evidence-based tobacco control interventions. Applications are currently being accepted through the Open Grant Round. [Learn more](#) about the funding guidelines and application process.

Publication of Tribal Housing and Urban Development-Veterans Affairs Supportive Housing (Tribal HUD-VASH) Notice of Funding Availability (NOFA)

I am pleased to announce that the U.S. Department of Housing and Urban Development (HUD) has published the NOFA that expands the Tribal HUD-VASH program. The NOFA announces the availability of approximately \$3.2 million for competitive grants to eligible Indian tribes and tribally designated housing entities (TDHEs) and was informed by feedback received from Tribes in response to a HUD “Dear Tribal Leader” letter issued on June 3, 2019. This program provides applicants the ability to use HUD funding towards rental assistance for Native American Veterans who are homeless or at risk of homelessness, living on or near a reservation or other Indian areas.

Applicants have until 11:59:59 p.m. Eastern Daylight Time on April 15, 2021, to submit applications via <https://www.grants.gov>. For further information about this funding opportunity, please visit Grants.gov (<https://www.grants.gov/>) and Codetalk (<https://www.hud.gov/codetalk>).

HUD will provide training opportunities soon to interested applicants. All interested applicants are encouraged to participate in these trainings before applying. Interested applicants should check Codetalk regularly for updates to information about the program, training opportunities, and training materials.

This is an exciting opportunity to fund rental assistance for Native American Veterans who are homeless or at risk of homelessness. Native American Veterans have answered our nation’s calls to serve. In return, HUD and Tribal Nations work hard every day to assist Native Veterans with finding a safe place to call home. I strongly encourage you to apply, and to take advantage of these training opportunities. If you have questions about the NOFA, please contact TribalHUDVASH@hud.gov or your ONAP Area Office.

Thank you for your interest in the expansion of the Tribal HUD-VASH program and for your continued partnership and collaboration in serving Indian Country.

Heidi J. Frechette, Deputy Assistant Secretary for Native American Programs

[Justice — beginning with Cliven Bundy](#) [By James R. Skillen](#)

« [Pedro Fages and the Oakland Fan](#)

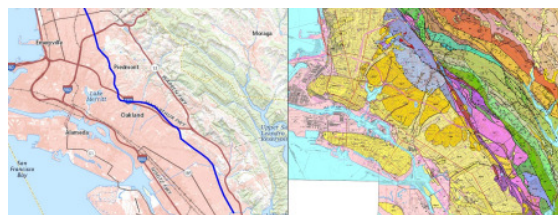
Anza and the Fan

After [Pedro Fages came through the East Bay in 1770 and 1772](#), no one from New Spain appears to have visited the land on which Oakland sits until Juan Bautista de Anza led an exploring expedition here in the spring of 1776. Scholars seem to be quite sure of where the group went, but when I examine the record I find more and more room for interpretation and inference.

I'm not going to pretend I've examined the manuscripts or know 18th-century Spanish. I've accessed translations of those manuscripts and, well, here's some of the questionable things and wiggle room I see in the record.

- Apparently no one in the group, neither Anza nor the group's diarist, Father Pedro Font, had been with Fages in the earlier visits, so they had only a slim written record to compare against the countryside they saw. We can't rely on their interpretation, especially as it appears they took a different route than Fages.
- We can't rely on their directions. The East Bay from Berkeley south is persistently slanted 33 degrees west of north (thanks to the Hayward fault and the plate boundary of which it's part) making it hard to eyeball true directions; magnetic north was apparently 12 degrees east of true north at the time (thanks, [NOAA](#)); and Font complained about the poor quality of his compass, so the explorers' impressions are suspect. The men were not experienced sailors either, people I might trust, but army soldiers. Moreover, I wonder about the transcriptions. There seem to be too many instances of "northwest" (*noroeste*) and not enough of "northeast" (*noreste*) to fit the written route on modern maps. And the scholars, whom I trust on this topic, point out that very discrepancy between different copies of these documents, all of which were made by hand.
- We can't rely on their distances. No one had odometers. Font did his best, prefacing his notes with a discussion of the length of the Spanish league (approximately 2.6 miles, apparently), but even so the men were on horseback whereas Fages had been on foot. On the day they came through Oakland, Anza wrote down that they went "about ten leagues" while Font put it at "some fourteen leagues." The day's ride was long, from Hayward to Pinole, and the group was in a hurry, with their goal still ahead of them. (And just as Fages had complained in 1772, the Anza party was beset with mosquitoes all that day.)

Long story short, I think that whereas [Fages mostly skirted the Fan](#) as he sought (and failed to find) an easy level route through Oakland, Anza rode pretty straight through it.



Anza's group set out from their camp on San Lorenzo Creek, in present-day Hayward, that morning at 7 and rode along the foot of the hills, with a jog upstream to get across the deep

arroyo of San Leandro Creek, and then on to the edge of the Fan, the hill of Pleistocene gravel occupied by Evergreen Cemetery, in the lower right corner of this digital elevation model.



Where Fages turned left to stay on the flats, Anza headed the horses straight, toward a promising gap in the hills, and into the [Allendale flat](#). Almost fifty years later, Luís Maria Peralta’s family would put the first hacienda on their huge East Bay land grant there, just across Peralta Creek. “About two leagues” after crossing San Leandro Creek into Oakland territory, Font wrote that they “crossed a small arroyo without water and almost without trees,” which I think was Peralta Creek. “Then a little further on we ascended a hill which is on a straight line with the mainland and the plain which runs toward a very thick grove of oaks and live oaks on the banks of the estuary,” where he sketched the view toward the Golden Gate. That is this drawing, showing the Alameda peninsula flanked by San Leandro Bay on the left and the Estuary on the right:



In my interpretation, he would have been sitting on the ridge where Patten University sits today but higher up, maybe where Lincoln Avenue starts today. It also could have been down on Carrington hill; both ridges line up with the Alameda peninsula, which was a large *encinal* (live-oak grove) at the time.

“Then, descending the hill, we crossed another arroyo almost without trees and with some little pools of water which did not run. This appears to be the arroyo which Father Crespi called the Arroyo del Bosque and which empties into the extremity of one arm of the estuary.” He refers to Sausal Creek as described by the Fages party in 1772.

“We continued the journey over hills and plains, crossing two more arroyos with little water, deep beds, and a heavy growth of trees, the second one having more than the other, and both of them flowing into a bay which the arm of the estuary forms on this side.” These I interpret as Indian Gulch and Pleasant Valley Creeks, which clearly both drain into Lake Merritt, which was then a narrow inlet with wide mudflats. I don’t think the group went near the Lake but instead were higher up the valleys — they were on horseback, after all.

“Afterward we entered a plain in which we crossed two small arroyos without water.” Finally they had left the hills of the Fan and were back on the East Bay plain. That would make these two streams Temescal and Strawberry Creeks. “From this plain we clearly descried the mouth of the port, and when the point of the red cliff on the inside was in line with the outer point of the mouth, I observed the direction in which they ran, and saw that it was to the west with some declination to the south.” That matches the view of the Golden Gate as seen from Berkeley.

Oakland remained something of a distant place until the San Francisco and San Jose missions had captured or driven off the native people and established their own purposes on the territory: food and fodder cultivation in the Richmond area and cattle range in the flats from Fremont to East Oakland.

I want to note that Fages and Anza did not come as conquerors. Their assignment, at the dawn of Alta California, was to establish friendly relations with the natives. They exchanged gifts with every group they met: glass beads, generally; and a surprising number of native groups gave them duck decoys in addition to food. The situation did not last. The priests could not even perceive the fine-tuned ecosystem in which the Ohlone were the keystone species, only naked children of nature who must be trained in their own god’s image.

Related (Very worthwhile reads)

[Pedro Fages and the Oakland Fan](#)In "Other topics"

[Oakland groundwater](#)In "Oakland streams and water"

[Geology of Alameda](#)In "Other topics"

Responses to “Anza and the Fan”



1. [Amelia Sue Marshall](#) Says:

[18 January 2021 at 10:25 pm](#) Totally love your analysis, Andrew!

Isn’t it puzzling that these Spanish colonizers found no water in the arroyos of Peralta Creek and others? We live on Peralta Creek, and there is water running all year, even in drought years, even with climate change. Of course, there was tampering with the natural ground water flow when the Mormon Temple was built and flood control works were installed around the Wilshire Heights landslide area.

The Yankee settlers who logged the old growth San Antonio redwoods reported that they could float logs down a creek – likely Palo Seco to Sausal – but that was most likely only on rare days in very wet years. But if we take the diaries literally, the must have been a

lack of surface water in the major creeks at times.

Recently when the SF Water District excavated in the area of the Sunol Water Temple, they invested heavily in archeological work with consultation of the Muwekma Ohlone Tribe. At least one burial had glass beads that may have come from the De Anza expedition.

2. [Andrew Alden](#) Says:

[19 January 2021 at 10:01 am](#) I've wondered a lot about this myself. First, we know that every rainy season is unique. Anza and Font reported no rain during the expedition; at least, they weren't impeded by it. The state of the Delta was not flooded, as we'd expect in early April. Second, we know the climate was cooler, as 1776 was still in the Little Ice Age — Anza reported snow and ice in the Imperial Valley! Third, the watershed was mostly grasslands with no impervious surfaces and an undisturbed groundwater regime, and today is different in every respect.

I think it was a dry winter, like we're having right now.

3. [Arleen Feng](#) Says:

[19 January 2021 at 5:32 pm](#) Human development is the main source of summer water in Oakland's creeks today: percolation from leaking sewers and mains, overwatering of landscape or washing of pavements, illicit drains from old residential or even commercial properties—the list goes on. Stormwater managers used to call this “urban drool” but now prefer terms that involve more hopeful ideas like “water reuse”. When I managed the countywide stormwater program's annual creek monitoring, a big logistical issue was determining what creeks would have sampleable water (not always flowing) at least 4 weeks after last measurable rain. We always saved Oakland and Berkeley for last since with our cooler temperatures many creeks flow year-round.



The Prague Astronomical Clock, installed in 1410, is the oldest clock still operating.

Biden Pumps the Brakes on More Than 100 Trump Environmental Policy Decisions

Monica Samayoa and Bradley W. Parks, OPB

Excerpt: "The Biden administration has laid out a roadmap for undoing many of the environmental actions of his predecessor, some of which were approved or enacted within the past six months." [READ MORE](#)

Reminder that Congress is (increasingly) exempt from FOIA

Unlike in a majority of states, federal lawmakers have shut out sunlight

Written by

[JPat Brown](#)

Want more Trump transparency? Mark your calendar. It's going to be a while before his presidential records become subject to FOIA —starting in 2026. [Gizmodo's Matt Novak](#) has some background on the launch of Trump's presidential library online and why the delay. At Politico, [Anthony Clark has a fascinating deep dive into why Trump probably won't ever have a "traditional" presidential library](#), and why potentially no other future president will, either. While you're waiting, [read up with our Presidential FOIA primer](#).



nbcmontana.com

[Montana's National Bison Range transferred to tribes](#)

[Red Sleep Mountain has begun its official return to the Flathead Indian Reservation after Interior Secretary David Bernhardt on Friday signed papers transferring the National Bison Range to the Confederated Salish and Kootenai Tribes. Tribal Chairwoman Shelly Fyant says the transfer returned care of...](#)

Be an Indy Intern: Are you looking for a great journalism internship in 2021?

Upcoming application dates are as follows:

Summer 2021 applications accepted through Apr. 16.

Internships will be available for both Las Vegas and Reno-Sparks to assist with daily reporting and special event coverage.

Requirements:

- Junior or senior status or at least one reference from a prior internship for a news organization
- Ability to work 30 hours per week
- Internet access and the willingness to work weekdays between the hours of 8 a.m. and 8 p.m. (or until your planned story is filed) as well as some weekends (as required by events)
- A reliable vehicle and the ability to cover events when not in class
- Strong writing skills (a writing test may be administered)
- Strong Internet research and information-gathering skills
- Experience with table-building or working in Excel
- Willingness to do some data entry
- Ability to multitask or change directions from day to day without getting flustered
- Ability to self-manage and work independently
- Ability to generate story ideas

Desired:

- Data journalism and/or info-mapping skills
- Experience in one or more data graphics platforms (like Google Fusion, Tableau, Infogram, etc.)
- Spanish language skills a big plus

Pay and benefits:

- *Indy* interns are considered independent contractors (a W-9 will be required, a 1099 will be issued)
- \$13 per hour (detailed weekly invoice required)

To apply:

Please send a resume, cover letter and writing samples to internships@thenvindy.com.

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· **H-1B Rural Health Care:**

- Press Release: <https://www.dol.gov/newsroom/releases/eta/eta20210114-0>
- Information on Grants Awarded: <https://www.dol.gov/agencies/eta/skills-grants/h1-b-skills-training> (this will have the abstracts and later the grant summaries)
- Grant Manager/DSI Lead: Maya Kelley/Ayreen Cadwallader

audubon.org

[Biden-Harris First Day Actions Signal Commitment to Birds and Climate](#)

[Bird survival is human survival and birds are telling us they are in trouble. We have no time to lose.](#)



rgj.com

[42 bald eagles spotted in Lake Tahoe survey — a record high](#)

[A record-high number of bald eagles - 42- were counted in the Lake Tahoe mid-winter survey of the birds.](#)

With thanks to Heidi Barlese and her package wrapping skills and the USPO, we are back on schedule!