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Join the 2018-2019 class of Global Health Corps fellows!

In 1948, the World Health Organization [defined health](#) as "*a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity.*" Realizing this vision for every human being will take nothing less than a collective movement of bold leaders committed to transforming health systems. **That's what we at Global Health Corps (GHC) are building - [will you join us](#) ?**

Applications for our 2018-2019 fellowship class are open now through January 17, 2018! We are searching for a diverse crew of 140+ young leaders (ages 21-30) who believe that health is a human right and are ready to work to make it a reality for all.

GHC fellows work in one year, paid positions on the front lines of global health at our [partner organizations](#) in Malawi, Rwanda, Uganda, the U.S., and Zambia. Check out some of our [high impact roles](#) by skillset:

- **[Data Analysis & Informatics](#):** Analyze & process information to improve the quality of healthcare.
- **[Design & Architecture](#):** Design structures & processes that advance human health & dignity.
- **[Communications](#):** Harness the power of words to shift narratives & spread awareness of health interventions.
- **[Policy & Advocacy](#):** Conduct research & mobilize others to drive change at the macro level.
- **[Fundraising](#):** Manage events, relationships, & proposals to bring in the critical funds that health organizations need.
- **[Monitoring & Evaluation](#):** Measure impact to guide decision making & maximize the effectiveness of health interventions.
- **[Business, Budgeting & Finance](#):** Manage projects & budgets to ensure health programs run efficiently.

If you're committed to building a more equitable world, the health equity movement needs you. Don't miss your chance to join our global community of nearly 900 leaders and changemakers! [Applications close January 17, 2018](#) and will be reviewed on a rolling basis beginning in late-December. View [all of our 140+ positions](#) and [start your application](#) today!

Help us spread the word far and wide!

EPA Clean Diesel Tribal Grants Jan. 18, 2018

EPA is soliciting proposals nationwide for tribal projects that achieve significant reductions in diesel emissions & diesel emissions exposure, particularly from fleets located in areas designated as having poor air quality. EPA anticipates \$1.5 million will be awarded to eligible tribal applicants. Eligible diesel vehicles, engines, and equipment may include school buses, Class 5 – Class 8 heavy-duty highway vehicles; marine engines; locomotives and nonroad engines; and equipment or vehicles used in construction, handling of cargo (including at ports or airports), agriculture, mining, or energy production (including stationary generators and pumps). Proposal packages must be submitted electronically through <https://www.grants.gov/web/grants/view-opportunity.html?oppId=297865>



[Dee Numa](#)

[Mono Lake The Ancestral Home of the Ku Set Tic Ka Paiutes](#)

Corporations are at it again, valuing profit margins over human life and environmental well-being. This time, it's the companies that produce pulp used to make rayon and viscose fabrics. These companies make their money from clearing and planting pulpwood plantations on forests and farmlands, much of which is traditionally owned by Indigenous and frontline communities in Indonesia.

So what does this mean exactly? More human rights [abuses and deforestation](#).

[Add your name to the petition now to support human rights for Indigenous communities impacted by pulp companies.](#) [Click to sign](#)

What's worse is that this isn't the first time these companies have been caught doing this. After decades of campaigning led by Indigenous and frontline communities, fashion companies throughout the apparel supply chain — users like Michael Kors to producers like Toba Pulp Lestari (TPL) — have actually made policy promises to eliminate deforestation and human rights abuses from their supply chain.

While these policies have been an important first step, they have yet to result in real change for communities and forests on the frontlines. The destruction of the environment and intimidation of Indigenous communities continues — and communities are still losing their lands, farms, and homes as pulp plantations continue to thrive.

And if this feels like a distant problem, unfortunately you're wrong. You may even own clothes from companies like Under Armour, Foot Locker, Prada Group, Michael Kors, and Forever 21 that may contain this rainforest destruction and human rights abuses.

Daily Kos and Rainforest Action Network are joining forces to send this message to corporations that are profiting from human rights abuses and deforestation. Rainforest Action Network will bring your signatures to local organizations working with the frontline communities resisting these companies, to aid in their efforts.

Keep fighting, Kelli Soto, Daily Kos

Arizona Indian Nations and Tribes Legislative Day Jan. 10, 2018 Phoenix, AZ

The Arizona Office on Tribal Relations, in cooperation with representatives from the state's Indian nations, facilitates an Indian Nations and Tribes Legislative Day. This is a FREE opportunity to pay tribute to the history and culture of the American Indian peoples and their contributions to the prosperity and cultural diversity of, not only the United States, but the State of Arizona. As sovereign nations, Tribal Nations and Communities are relevant and major contributors to local economies and share a unique government-to-government relationship with the State of Arizona and the United States federal government. This is an opportunity to learn from tribal and state officials. To register, visit <https://2018intl.eventbrite.com>. For more info. or to review the agenda, visit: <https://gotr.azgovernor.gov/gotr/indian-nations-and-tribes-legislative-day>.

Indian Land Tenure Foundation - Land Recovery Efforts - Open

The Foundation provides funding to Indian nations to support various aspects of land recovery with a focus on reacquiring alienated federal lands. Returning lands to Indian ownership and control is important to ensure that Indian people have access to the financial and natural resources within their own reservations. The Foundation supports a variety of initiatives to assist tribes in the development of plans to reacquire reservation lands. More info. at: <https://www.iltf.org/grants/special-initiatives/land-recovery-efforts>

Land Buy Back Program For Tribal Nations (DOI) Sept. 30, 2018

Program allows interested individual owners to sell their land for immediate transfer to the recognized tribe that exercises jurisdiction. Effort will strengthen tribal sovereignty and put decision-making in the hands of the tribal government, freeing up resources that have been locked-up as land interests that have fractionated over time. Program will fund indirect costs equal to no more than 15% of the modified total direct costs. \$1.9 billion is available for **this 10-year program, which ends in Nov. 2022**. Most awards will provide funding for no longer than 9 months. Eligibility: Tribes with jurisdiction over locations with purchasable fractional land interests. More at: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=297700>

Financial Literacy Funding - Open

[Discover Foundation](#). Applications accepted year-round.



[Driving Along The Rumble Strip On Route 66 Makes Your Tires Play ‘America The Beautiful’.](#)

Study Shows That Trauma Is Generational

By Ryan Velez

In many ways, the issues our parents go through even before we were born can have an impact on our own childhood and development, whether the connection is direct or indirect. However, the link may be even deeper than we thought, as a recent study covered by *The Root* shows that the daughters of women exposed to childhood trauma are at an increased risk for psychiatric disorders such as depression or bipolar disorder. The one surprise? Men and their sons appear not to have the same connection.

Researchers studied 46,877 Finnish children who were evacuated to Sweden during World War II, between 1940 and 1944. They then tracked the health of their 93,391 male and female children born from 1950 to 2010. The results, covered in *JAMA Psychiatry* showed that the female children of mothers who had been evacuated to Sweden were twice as likely to be hospitalized for a psychiatric illness as their female cousins who had not been evacuated, and more than four times as likely to have serious psychiatric disorders.

At the core, the obvious explanation here appears to be that the daughters had the misfortune to inherit mental disorders from their mothers, confounding the results. However, even when the studies were controlled for parent psychiatric disorders, the finding still upheld. Lead author Torsten Santavirta, an associate professor at Uppsala University said that it is possible that

traumatic events cause changes in gene expression that can then be inherited, but the researchers did not have access to genetic information.

“The most important takeaway is that childhood trauma can be passed on to offspring,” Dr. Santavirta told the *New York Times*, “and the wrinkle here is that these associations are s*x-specific.” This opens up a whole wide set of ideas and theories, but there is one fact to consider. Previous studies found that the evacuated individuals experienced a higher rate of psychiatric disorders (specifically mood disorders) in adulthood than the non-evacuated individuals. Now, we know that the same applies to children, but for some reason, there was a divide here based on gender.

At the moment, it’s far too early to use these results to guide our approach to mental health, which already needs plenty of help in this country. However, this does provide an interesting fact to ponder over, as well as consider how much a failure to treat issues now could become later.

Brooke Simpson Sings a Song for Her Native American Fans And Makes Top 10



Another week and another stirring performance from Brooke Simpson on NBC's *The Voice*. This week the fans picked “What About Us” by Pink for her to sing and she dedicated it back to her fans. Coach Miley Cyrus also thought it would be great to add drums to the arrangement, a nod to Brooke’s Haliwa-Saponi heritage. “It’s going to be about all the tribes out there that don’t get much attention,” said Cyrus.

Check out her performance below:

[The Voice 2017 Brooke Simpson -](#)

[Top 11: "What About Us"](#)

[READ MORE](#)

<http://www.lldesignsstore.com/theteam/>

About TP Mocs:

There are many causes in need of support, so I thank you for choosing one so close to my home and heart. I was raised by a single mother on the Blackfeet Indian Reservation in Northwestern Montana, a community struggling with a 69% unemployment rate. The estimated poverty rate of Native Americans living on reservations is nearly double the national average and the highest in the country.

After my mother moved my brothers and me from the reservation to a nearby town, she continued to emphasize the significance of our history, culture, and the necessity to give back to our community. Through my desire to follow her teachings, TPMOCS was born.

Our company is founded on the principle that everyone deserves an opportunity to succeed. With your purchase, TPMOCS takes meaningful action to address poverty. By expanding Tribe by Tribe, we will be able to provide employment opportunities and resources to Native American communities in need. [READ MORE](#)

Help Design the National Native American Veterans Memorial!

CALL FOR ENTRIES

November 11, 2017–January 9, 2018

Potential applicants must create an account to log in and submit an application.

The National Museum of the American Indian invites entries to the design competition for the National Native American Veterans Memorial—the first to recognize the exceptional military service of Native Americans. These servicemen and women are some of the most honored members of their tribes and communities. Across the nation, Native Americans who protect our country and our way of life are recognized publicly as the greatest patriots of all.

Despite this enduring and distinguished legacy spanning two and a half centuries of American history, no national memorial yet exists—Native veterans and those serving today remain unrecognized by any landmark.

[READ MORE](#)

A recent study published by IOS Press found that trace amounts of lithium in drinking water may slow death rates from Alzheimer’s disease. The study also found that areas with an above-median level of lithium in tap water had decreased rates of obesity and Type 2 diabetes. [Science Daily](#)

U.S. District Court Judge James Boasberg ruled that operators of the Dakota Access pipeline must coordinate an oil spill response plan with federal and local officials near Lake Oahe, North Dakota. Boasberg concluded that an oil leak is an inherent risk with any pipeline, and that the public has “an interest in ensuring the status quo at Lake Oahe is preserved.” [The Hill](#)

National Endowment for the Arts “Our Town” Grant Program Open

Program supports creative placemaking projects that help to transform communities into lively, beautiful, and resilient places – achieving these community goals through strategies that incorporate arts, culture, and/or design. This funding supports local efforts to enhance quality of life & opportunity for existing residents, increase creative activity, & create or preserve a distinct sense of place. Eligible lead applicants are: • Nonprofit tax-exempt 501(c)(3) U.S.

organizations with **3-year history of programming**; and • Local govt counties, parishes, cities, towns, villages, or federally recognized tribal governments. Local arts agencies or other departments, agencies, or entities within an eligible local government may submit the application on behalf of that local government. More at: [HYPERLINK "https://www.arts.gov/grants-organizations/our-town/introduction"](https://www.arts.gov/grants-organizations/our-town/introduction) <https://www.arts.gov/grants-organizations/our-town/introduction>

What if cement could help save the planet? Thanks to this discovery, it ...

www.upworthy.com/what-if-cement-could-help-save-the-planet-thanks-to-this-discov...

Nov 27, 2017 - Earlier this year, a Swiss startup began removing CO2 from the atmosphere using a large vacuum-like machine. Their ultimate goal is to start reversing the damaging effects of climate change by reducing CO2 — a major component of atmospheric pollution — on a global scale. While the machine's ...

To continue the thought process of Tribal Adaptation/Sustainability/Resilience:

As part of the summit “Native Waters on Arid Lands” and information needs assessment was proffered (see Journal #4041). This is a continuation of the questions everyone should be asking themselves. *Please feel free to share your answers and thoughts. sdc*

21. At your job what portion of annual operating budget should be allocated to support climate adaption on tribal lands.

a. 0% b. 1-5 c. 6-10 d. 11-5 e. 16-20 f. 21-25 g. Greater than 25%

(Qs 22/23 were demographics of respondent)

Questions 24-37 Measures how you are using information provided by different groups with 1 being “never, 2=rarely; 3=occassionally; 4=often annd 5=very often.

24. Tribal farmers and ranchers

25. Tribal oral histories

26. Traditional Knowledge holders

27. Tribal natural resource/water/land departments

28. Tribally owned and operating monitoring equipment

29. Tribal colleges and universities

30. Other colleges and universities

31. The Weather Channel, Weather.com, local news and radio

32. National Oceanic Atromospheric Administration (NOAA); National Weather Service; NARCS Snotes

33. USDA Climate Hubs

34. US Geological Survey Stream Gages

35. Bureau of Indian Affairs climate planning program

36. *Native Water on Arid Lands* Annual Tribal Summits

37. Other information _____

38. I use or will use climate science information/data in my work:

- a. tribal department involved in natural resources/land/water management/planning
- b. Tribal government or administration
- c. Farming or ranching on tribal lands
- d. Teaching and working with grade school aged tribal youth
- e. As a college/university faculty, staff or student
- f. Other.....

39. How do you prefer to receive outreach information to support climate planning?

- a. printed matter b. radio/tv c. annual tribal summit d. webinars
- e. Online information or data portal f. Other_____

40. What is needed most to support climate adaptation on tribal lands?

41. What level of risk do you think climate uncertainty poses to tribal resources and communities?

- a. no risk b. minor c. neutral d. major e. extreme risk

42. The most challenging issues that climate uncertainty poses to tribal resources and communities involves:

- a. water supply shortages on tribal lands b. wildlife habitat endangered on tribal land
- c. Tribal agriculture (farming/ranching) d. Tribal economic well being
- e. Tribal fisheries (lakes and/or streams) f. Human survival on tribal lands
- f. Other_____

And a few other thoughts:

[Indigenous Farming Methods: Mitigating the Effects of Climate Change ...](http://blogs.worldwatch.org/nourishingtheplanet/indigenous-farming-methods-mitigating-th...)
blogs.worldwatch.org/nourishingtheplanet/indigenous-farming-methods-mitigating-th...

Oct 5, 2010 - *Nourishing the Planet*. ... The following is a guest post by Mel Landers, a consultant in Climate change and *Indigenous American farming methods*. Hydraulic Engineering ... During periods of excess rain, the beds hold part of the root *system* up in well-oxygenated soil, above the level of the standing water.

Indigenous knowledge & sustainability - Unesco

www.unesco.org/education/tlsf/mods/theme_c/mod11.html

However, formal education *systems* have disrupted the practical everyday life aspects of *indigenous* knowledge and ways of learning, replacing them with abstract ... The LINKS project integrates local and *indigenous* knowledge (L/IK), *practice* and worldviews into sustainable development and resource management ...

Nourishing Communities: From Fractured Food Systems to ...

<https://books.google.com/books?isbn=3319570005>

Irena Knezevic, Alison Blay-Palmer, Charles Z. Levkoe - 2017 - Social Science

Here, research with historically marginalized communities—including peasants, *Indigenous* peoples, migrants, racialized groups, women, and youth—is essential (Alkon ... We have described a range of networked food initiatives, projects, *practices* and policies that expose the fissures in the industrial food *system* and offer ...

Indigenous Native American Healing Traditions - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2913884/>

by M Koithan - 2010 -

Jump to [Native American Traditional Healing Systems](#) - Native Americans in Arizona run each day to greet the dawn, a *practice* that not only conditions their bodies but also *nourishes* their ... For thousands of years, traditional *indigenous* medicine have been used to promote health and wellbeing for millions of Native ...

Climate Change Vulnerability Assessment of Tribal Lands in the ...

<https://www.researchgate.net/.../Climate-Change-Vulnerability-Assessment-of-Tribal-Lan...>

Jul 27, 2016 - Follow project: *Climate Change Vulnerability Assessment* of Tribal Lands in the American West by *Anna Palmer* on ResearchGate, the professional network for scientists.

Anna Palmer (Ohio University) was one of the presenters at Native Waters on Arid Lands

Climate Adaptation Programs featured at Native Waters on Arid Lands:

Native Nations Climate Adaptation Program: Welcome www.nncap.arizona.edu/

Welcome. The *Native Nations Climate Adaptation Program* (NNCAP) at the University of Arizona works with Native American tribes and indigenous populations in the western United States to solve environmental and *climate change* issues.

Indigenous Peoples | National Climate Assessment

nca2014.globalchange.gov/report/sectors/indigenous-peoples by K Lynn - [Related articles](#)

The *peoples*, lands, and resources of *indigenous* communities in the United States, including Alaska and the Pacific Rim, face an array of *climate* change impacts Working Group II of the Intergovernmental Panel on *Climate* Change *Fourth Assessment* Report recognized traditional knowledge as an important information ...

2nd State of the Carbon Cycle Report (SOCCR-2) - United States ...

<https://www.carboncyclescience.us/sites/default/files/.../SOCCR-2-August-2018-ESA-2.p...>

Aug 7, 2017 - C Cycle. 3 Energy Systems (incl. Transportation). 4 Urban. 5 Agriculture. 6 Societal Perspective on *Carbon*. 7 *Tribal Lands*. Part III: *State of. Air, Land ... Chapter Leads., Chapter Contributors*. (Fed + non-Fed scientists). Lead agency: USDA (legal). Oak Ridge Editorial Team. (*reports* to DOE). SOCCR-2 ...



New Excelsior Farm Offers Sanctuary For Culture, Community & Wildlife

BY WILL CARRUTHERS

Nevada's Ruby Mountains targeted for oil leasing and the locals don't like it

Lease proposal generated thousands of comments, only three in support rgj.com

from DennisM: **Dec 7 in 1682** the first Pennsylvania Legislature, meeting in Upland (now Chester) and led by William Penn, enacted the “Great Law”, an array of laws imposing religious rules—days of the week and months of the year were to be known by their numbers “as in Scripture...and not by Heathen names”, officeholders were required to profess their belief in Jesus Christ as “the Son of God and Savior of the World”, citizens were required to observe the Christian sabbath, the sale of alcohol to Natives was prohibited (“Indians are not able to Govern themselves in their use of it...”), criminal punishments were limited to “humane” measures, and sports were outlawed