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## Extension Assignment: Global Health Reporting Round-up

### Directions:

The list of global health news stories is organized under themed headers. Choose an article from the following list to read. Identify the problem and explain how it is a system. Use the following questions to guide the exploration:

1. What problem or issue does the source discuss?
2. List and describe each of the factors that contribute to the problem.
3. Explain how these factors relate to one another or draw a concept map to illustrate the relationship.
4. Which of these factors is most important to address in order to address the problem as a whole? Defend your answer

### Health impacts of climate change

1. [“Health on a Warming Planet”](#) by multiple authors for *Science* magazine [text and photo]
  - a. This project has articles exploring how rising temperatures worldwide are leading to increased disease (dengue, malaria), pathogens coming out of melting permafrost, and challenges mothers face during pregnancy due to heat
  - b. [“An Unhealthy Climate: Heat and Disease Will Exact a Heavy Toll as Climate Warms”](#) by Tim Appenzeller
  - c. [“Feeling the Heat: Malaria Cases Could Ebb in an Even Hotter World. But Other Diseases Will Get Worse”](#) by Kai Kupferschmidt
2. [“The Fight To Protect Outdoor Laborers From High Heat”](#) by Aaryn Baker for *Time* magazine [text, photo]
  - a. Text and photo project documenting the experiences of individuals laboring in increasingly high temperatures throughout the U.S.
3. [“Extreme Heat Is Endangering America's Workers—and Its Economy”](#) by Aaryn Baker for *Time* [text, photo, graphics]
4. [“How Physicians Are Preparing for Climate Change and Extreme Heat’s Impact on Human Health”](#) by William Brangham and Caleb Hellerman for *PBS Newshour* [video, text]
  - a. Scientists gave temperature monitors to residents and saw that they were experiencing much higher temperatures than was being officially reported. “
5. [How Extreme Heat Impacts Your Brain and Mental Health](#)” by Aaryn Baker for *Time* [text, graphics]
  - a. Outlines research into how rising temperatures influence mental health

## Pollution and impacts on health

1. [“Neglected and Exposed: Toxic Air Lingers in a Texas Latino Community, Revealing Failures in State’s Air Monitoring System”](#) by Alejandra Martinez and a team of journalists for *palabra* and *The Texas Tribune*
2. [“Poisoned Wells: Oil Pollution Haunts Nigerian District for Decades”](#) by Bukola Adebayo for *Context* [text, photo]
  - a. Reports on the impacts of oil spills on wells in Nigeria
3. [“A Nigerian Community Where Tap Water Smells Like Gasoline”](#) by Omolola Afolabi for *Premium Times* [text, photo, graphics]
4. [“Toxic Exposure Screenings: Vets Report Spotty Follow-Up on Questionnaire Meant To Boost Health Care and Benefits”](#) by Rebecca Kheel for *Military.com* [text, animation]
  - a. This project looks at the impact of chemicals on veterans who worked closely with military equipment. The health consequences of military service can take years to materialize, and government agencies have historically been reticent to acknowledge their responsibility for the health conditions experienced by veterans.
  - b. Another story option on this topic is [“Troops Spent Decades Elbow-Deep in Dangerous Chemicals To Keep Nuclear Missiles Working”](#) by Thomas Novelly for *Military.com*
  - c. The project, [“The Health Debt to America’s Warriors,”](#) encompasses work from the entire staff at *Military.com*, looking at several major issues tied to veterans' health care, including elevated cancer rates for some veterans who served in specific jobs, mental health care, and the broad expansion of benefits under the PACT Act.
5. [“The Faces That Face: Unmasking the Individuals Whose Lives Bear the Burden of Environmental Injustice”](#) by Nitashia Johnson for *PWB* [text, photo]
  - a. Photo and text project (pretty easy text) outlining the way that industrial polluters are impacting communities in Dallas, TX
6. [“Living With the Risks of Childhood Lead Exposure: A Day in the Life”](#) by Michael Coren for *Quartz*
  - a. Text and photo story about the impacts of lead exposure on children
7. [“Wildfire Smoke Can Cause Health Problems, Even Death”](#) by Keith Maheny and Eric Seals for *Detroit Free Press*
  - a. Explains why wildfire smoke can be harmful to health and what can be done- short texts but not many photos
8. [“New Freeport Residents in Court Demanding Clean Water From EQT”](#) for *Public Source Pittsburgh*
  - a. Explanation of how gas mining is leading to water pollution (own
9. [“Living With the Risks of Childhood Lead Exposure: A Day in the Life”](#) by Michael Coren for *Quartz*
10. [“On the Navajo Nation, A Life Without Water”](#) by Richard Tsong-Taatarii for *Searchlight New Mexico*

11. [“How Much PFAS Is Coming Through the Pipes of Cape Cod’s Only Jail? We Tested the Water To Find Out.”](#) by Eve Zuckoff for *Cape, Coast, and Islands NPR stations*
12. [“Broken by Design: A Special Report on Jackson’s Water System”](#) by Hadas Thier for *Jackson Report*

## Disease, Outbreaks & Epidemics

1. [“Could a Conflict-Borne Superbug Bring On Our Next Pandemic?”](#) by Eli Cahan for *Rolling Stone* [text, photo]
  - a. “New breeds of drug-resistant bacteria are proliferating in war-torn parts of the globe – and spreading from the battlefield to hospitals and across borders.” The article connects the war in Ukraine and decades-long research into bacteria that thrive in conflict zones.
2. [“Those Who Don’t Exist: Long COVID in Mexico”](#) by Alice Pipitone and Quetzalli Blanco for *Palabra* [video in English and Spanish, text, photos]
  - a. This article and video explore the lasting impacts of long COVID on communities in Mexico.
3. [“Lassa Fever Is Surging in West Africa. Researchers Want To Know Why”](#) by Leslie Roberts for *Science*

## Vaccine access and development

1. [“West Virginia’s Vaccine Divide”](#) by Emily Rice for *West Virginia Public Broadcasting* [short text, audio]
2. [“The Battle for Vaccines”](#) by Chloé Pinheiro for *Veja Saude* [text]
  - a. Explores some of the ways doubt in vaccination emerged in Brazil
3. [“The Radical Plan for Vaccine Equity”](#) by Amy Maxmen for *Nature* [text, audio]
  - a. In this article, Amy Maxmen looks at how several countries with limited access to COVID-19 vaccines worked together to explore an mRNA vaccine. The story also outlines why some countries have more access to vaccines than others.
    - i. [“Vaccine Inequity”](#) -57-minute podcast for *Big Picture Science* features Amy Maxmen describing her reporting

## Food security

1. [“This ‘Super Banana’ Was Designed To Save Lives. Will It Matter That It’s Orange?”](#) by Agostino Petroni for *National Geographic*
  - a. “Thousands of children die in Uganda every year from vitamin A deficiency. This groundbreaking—and vitamin-packed—genetically modified banana could change that.”

2. [“The Government Spends Millions To Open Grocery Stores in Food Deserts. The Real Test is Their Survival.”](#) By Molly Parker and Julia Rendleman for *Capitol News Illinois*

## Maternal health

1. [“‘I Just Don’t Want To Die’: Black Pregnant Women Are Turning to Midwives for Personalized Care—And a Better Chance at Survival’](#) by Karen Kasmauski for *Virginia Center for Investigative Journalism*
  - a. Short text introducing the issue and then photo/caption to introduce work by midwives
  - b. “ Research shows that Black women in the United States are three times more likely to suffer a pregnancy-related death than white women. In Virginia, Black women in recent years have been more than twice as likely as other mothers to have a death attributed to childbirth.”
2. [“‘A Second Level of Power’ for Black Birthing Families’](#) by Kylie Marsh and Herbert White for *Charlotte Post* [text, photo]
  - a. Documents a family working with doulas and navigating the healthcare system
3. [“Doctors Grapple With How To Save Women’s Lives Amid ‘Confusion and Angst’ Over New Louisiana Law’](#) by Lorena O’Neil for *Louisiana Illuminator* [text]
4. [“‘Women Are Not Safe in Louisiana’: New Orleans Leaders Want Pregnancy Care Drug Law Reversed’](#)
  - a. Both of the articles above outline how a new law in Louisiana will require doctors to go through more steps to access a medicine that is often used in emergency situations for pregnant women
5. [“Ignorance and Apathy: Why One Indian Woman Dies of Cervical Cancer Every Seven Minutes’](#) by Swagata Yadavar for *Belhan Box*

## Healthcare Access

1. [Caring for Seniors in Rural America | Pulitzer Center](#)
  - a. [“In a Rural Small Town, a Group of Locals Steps Up To Support Senior Health’](#) by Tim Evans and Juliana Kim for *NPR*
2. [“Diabetes a Major Factor Behind Declining Life Expectancy in Rural Areas’](#) Dr. Alok Patel and Caleb Hellerman for *PBS Newshour* [video, transcript]
  - a. Youth are featured in this reporting
3. [Wider Access to Narcan Helps Rural Communities Fight Overdose Deaths](#) by William Brangham and Caleb Hellerman for *PBS Newshour* [video, transcript]
  - a. Features a teen who describes her experience being able to apply a training on giving narcan to help someone in her community

4. [“El dinero o la salud: El alto precio de la insulina dificulta el control de la diabetes en América Latina”](#) by *saludconlupa* [short text, graphics]
  - a. English version: [“Money or Health: The High Price of Insulin Makes Diabetes Management Difficult in Latin America”](#) by *saludconlupa*
5. [“An Exodus of Nurses Has Caused a “Medical Brain Drain” in Nigeria. Are Rich Countries To Blame?”](#) by Aurora Almendral and Ibanga Isine for Quartz [text, photo]
  - a. “The U.S. and Europe are drawing healthcare workers from countries that can least afford to lose them.”
6. [“Shortages of Key Drugs Have Alarmed U.S. Medical Officials. Could Puerto Rico Offer an Answer?”](#) by Rick Barrett and Mark Hoffman for *Milwaukee Journal Sentinel* [text, photo]