

# KEET Quarterly Issues and Programs Report

*For October 1st 2022 through December 31st 2022*

Below are programs that aired on KEET's main channel that address community issues decided by the KEET Community Advisory Board, letters, e-mails and phone calls from members and other viewers. Topics are: **Economy, Education, Environmental, Health Care, Technology.**

## Economy

**Program Source:** APTEx  
**Program Title:** Consuelo Mack Wealthtrack  
**Episode Title:** Fed Tightening Consequences  
**Length:** 30 minutes  
**Air Dates:** Wednesday December 14th, 2022 12:30 am

Guest: Ed Hyman, Founder, Chairman, Head of Economic Research, Evercore ISI. On this week's Consuelo Mack WealthTrack: Legendary economist Ed Hyman worries about the unintended consequences of the Fed's rapid tightening.

**Program Source:** APTEx  
**Program Title:** Gzero World with Ian Bremmer  
**Episode Title:** Are We Entering The Chinese Century?  
**Length:** 30 minutes  
**Air Dates:** Thursday November 3rd, 2022 12:30 am

Guest: Antoine van Agtmael, Global Markets Analyst and Investor. China will soon surpass the US as the world's largest economy. But that doesn't necessarily mean they'll be the new global superpower. This week, we ask: Are we entering the Chinese Century? Then, the Cuban Missile Crisis, 60 years later.

**Program Source:** APTEx  
**Program Title:** Gzero World with Ian Bremmer  
**Episode Title:** Are We Heading Towards A Global Recession?  
**Length:** 30 minutes  
**Air Dates:** Thursday October 20th, 2022 12:30 am

Guest: Kristalina Georgieva, Managing Director of the International Monetary Fund and David Malpass, President of the World Bank. It's more than just a COVID hangover. The global economy is going to get worse before it gets better. But is a global recession inevitable? The heads of the World Bank and IMF share their plans to rescue the world economy.

**Program Source:** NETA  
**Program Title:** Gini in the Time of Covid-19  
**Length:** 60 minutes  
**Air Dates:** Monday October 10th, 2022 4:00 am

Gini in The Time of Covid-19 is a documentary about structural economic inequalities in America magnified by the Covid-19 Pandemic. Featuring Economist Heather Boushey, Former President & CEO of the Washington Center for Equitable Growth; William Arnone, CEO of the National Academy of Social Insurance; Max Richtman, President of the National Committee to Preserve Social Security & Medicare; Authors Isabel Sawhill, Adam Cohen, Peter Edelman & Carol Graham; Brookings Fellow Makada

HenryNickie; DC Councilmember at Large, Robert White; Robert Egger, Founder of DC Central Kitchen and Vaughn Perry of the Director of Equity, Building Bridges Across the River. Also featuring artist Suzanne Firstenberg and her public art installation "In America How Could this Happen". The film highlights powerful first hand accounts of economic inequalities in America and their consequences from Wheeling, West VA activist Amy Jo Hutchison and Jackson, OH Judge Mark T. Musick.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Crypto Decoded  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday November 9th, 2022 9:00 pm  
Thursday November 10th, 2022 1:00 am  
Friday November 11th, 2022 5:00 am  
Sunday November 13th, 2022 12:00 am  
Tuesday November 15th, 2022 1:00 pm

From Bitcoin to NFTs, crypto is making headlines. But what exactly is it, and how does it work? Go beyond the hype and skepticism to unravel the truth behind a technology some say will revolutionize more than just money.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 103  
**Length:** 60 minutes  
**Segment Length:** 00:05:40  
**Format:** News (live news only)  
**Air Dates:** Tuesday November 22nd, 2022 6:00 pm

Many Americans are preparing for Thanksgiving dinner, but food prices are high on everything from turkey to staples like butter and flour. Stephanie Sy recently spent a day in the San Diego area following one food blogger making her holiday meal on a budget.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 109  
**Length:** 60 minutes  
**Segment Length:** 00:07:37  
**Format:** News (live news only)  
**Air Dates:** Wednesday November 30th, 2022 6:00 pm

The Federal Reserve has raised interest rates six times this year and Fed Chair Jay Powell suggested that a seventh hike, albeit a smaller one, is on the way next month. But some Democrats and economists worry the Fed hit the brakes too hard. Rakeen Mabud, Chief Economist and Managing Director of Policy and Research at The Groundwork Collaborative, joined William Brangham to discuss the hikes.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 111  
**Length:** 60 minutes  
**Segment Length:** 00:06:12  
**Format:** News (live news only)  
**Air Dates:** Friday December 2nd, 2022 6:00 pm

The latest jobs report is further confirmation of a labor market that may be slowing down but has proven more resilient than many have expected. Many sectors are continuing to add jobs, but that's not true in the tech sector, where several companies have announced layoffs. Economics correspondent Paul Solman looks at what that means for those workers.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 115  
**Length:** 60 minutes  
**Segment Length:** 00:08:14  
**Format:** News (live news only)  
**Air Dates:** Thursday December 8th, 2022 6:00 pm

The cost of housing has risen dramatically over the last several years, helping drive levels of inflation not seen in decades. One key factor is that in many places, building has not kept up with demand. The suburban counties of Long Island east of New York City are national laggards. Paul Solman reports on the push to create more housing.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 119  
**Length:** 60 minutes  
**Segment Length:** 00:05:39  
**Format:** News (live news only)  
**Air Dates:** Wednesday December 14th, 2022 6:00 pm

After announcing another half-point interest rate hike, Federal Reserve Chair Jay Powell indicated more hikes are on the way in 2023. This comes as inflation shows signs of slowing gradually, but there are again concerns the Fed is not going to be able to tame it without triggering a recession. Economist Mohamed El-Erian joined Geoff Bennett to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 124  
**Length:** 60 minutes  
**Segment Length:** 00:07:39  
**Format:** News (live news only)  
**Air Dates:** Wednesday December 21st, 2022 6:00 pm

Newly released information from a Congressional investigation shows that the IRS did not pursue timely mandatory audits of former President Trump during his term in office, as required. Russ Buettner of The New York Times joined William Brangham to discuss what we're learning about Trump's finances and why the IRS oversight didn't take place.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 127  
**Length:** 60 minutes  
**Segment Length:** 00:08:05  
**Format:** News (live news only)  
**Air Dates:** Monday December 26th, 2022 6:00 pm

It's not well known, but about 4.5% of U.S. households are unbanked, meaning no one in the house has a checking or savings account. The rate declined during the pandemic because people opened accounts to receive government stimulus funds. But disparities between the banked and unbanked persist. Economics correspondent Paul Solman reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 75  
**Length:** 60 minutes  
**Segment Length:** 00:03:58  
**Format:** News (live news only)  
**Air Dates:** Thursday October 13th, 2022 6:00 pm

The latest inflation numbers are still above 8%, a 40-year high with prices rising for housing, medical care, new cars, air travel and more. It will almost surely mean another significant interest rate hike in a few weeks. Economist Diane Swonk of the professional services firm KPMG joined Amna Nawaz to discuss what's behind this persistent inflation.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 75  
**Length:** 60 minutes  
**Segment Length:** 00:05:36  
**Format:** News (live news only)  
**Air Dates:** Thursday October 13th, 2022 6:00 pm

For older Americans and retirees, there was some helpful news to accompany the latest inflation report. Americans taking Social Security will see an 8.7% bump in their benefits. That's starting in January thanks to the 2023 cost of living adjustment, known as the Social Security COLA. But how much will it help? Economics Correspondent Paul Solman breaks it down.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 76  
**Length:** 60 minutes  
**Segment Length:** 00:09:09  
**Format:** News (live news only)  
**Air Dates:** Friday October 14th, 2022 6:00 pm

Gas prices in much of the country have dropped substantially this fall. But in California, it's been just the opposite. Prices there are pushing some residents to the edge, and the record costs are raising concerns about whether price gouging is to blame. William Brangham looked into the state government's response and discussed it with business and public policy professor Severin Borenstein.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 81  
**Length:** 60 minutes  
**Segment Length:** 00:07:06  
**Format:** News (live news only)  
**Air Dates:** Friday October 21st, 2022 6:00 pm

An appeals court temporarily blocked President Biden's plan to erase the student loan debt of millions of Americans while it considers a challenge. Several groups have gone to court to try to stop the forgiveness program. The decision comes as the application process for the relief program opened online. Danielle Douglas-Gabriel of The Washington Post joined John Yang to discuss the plan.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 81  
**Length:** 60 minutes  
**Segment Length:** 00:06:50  
**Format:** News (live news only)  
**Air Dates:** Friday October 21st, 2022 6:00 pm

Lebanon's deep financial crisis is affecting every aspect of life there. There is no consistent electricity, most poor go hungry and joblessness is at record levels. With its currency nearly worthless, most keep their savings in U.S. dollars which are still hard to retrieve from banks. Leila Molana-Allen and Nick Schiffrin look at the depths of despair driving people to extraordinary measures.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 85  
**Length:** 60 minutes  
**Segment Length:** 00:04:35  
**Format:** News (live news only)  
**Air Dates:** Thursday October 27th, 2022 6:00 pm

In our news wrap Thursday, the U.S. economy is showing pockets of strength as the GDP grew at a 2.6% annual rate from July through September, the European Central Bank raised interest rates by three-quarters of a percent to help curb rampant inflation and Ukraine's national energy agency says the main network of its central region's power grid has been damaged after intense Russian strikes.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 86  
**Length:** 60 minutes  
**Segment Length:** 00:06:15  
**Format:** News (live news only)  
**Air Dates:** Friday October 28th, 2022 6:00 pm

In our news wrap Friday, stocks rallied on Wall Street boosted by a string of better-than-expected earnings reports, a Miami Beach condominium on the same avenue where a building collapsed last year was evacuated after the city deemed the structure unsafe and a judge in Arizona refused to bar a group from monitoring outdoor ballot boxes saying it would violate the group's constitutional rights.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 89  
**Length:** 60 minutes  
**Segment Length:** 00:07:17  
**Format:** News (live news only)  
**Air Dates:** Wednesday November 2nd, 2022 6:00 pm

With the sixth interest hike this year, it's been decades since the Federal Reserve has acted this aggressively to slow inflation. Markets reacted strongly to Fed Chair Jay Powell saying rates will be higher than previously expected. Swings tied to interest rates can be hard to understand and it affects people's net worth. Economics correspondent Paul Solman helps break down how investors see it.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 98  
**Length:** 60 minutes  
**Segment Length:** 00:06:42  
**Format:** News (live news only)  
**Air Dates:** Tuesday November 15th, 2022 6:00 pm

The fallout keeps growing for the cryptocurrency industry after an unexpected bankruptcy involving one of the largest and most well-known exchanges, FTX. Its downfall has renewed concerns about the safety and credibility of many cryptocurrencies and their values have plunged as well. Roben Farzad of the podcast 'Full Disclosure' joined Amna Nawaz to discuss.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 129  
**Length:** 60 minutes  
**Segment Length:** 00:26:46  
**Format:** Interview/Discussion/Review  
**Air Dates:** Wednesday December 28th, 2022 11:00 pm

IMF managing director Kristalina Georgieva discusses global instability. Chilean president Gabriel Boric explains why he's calling his country to fight for democracy. Author Erich Schwartzel reveals the surprising role of the movie business in the high-stakes contest between the U.S. and China.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 67  
**Length:** 60 minutes  
**Segment Length:** 00:17:24  
**Format:** Interview/Discussion/Review  
**Air Dates:** Monday October 3rd, 2022 11:30 pm

While the current social and economic crisis in the United States seems complex, our next guest believes it can be fixed. Marketing professor Scott Galloway examines the future of the country in his new book "Adrift: America in 100 Charts." He joins Hari Sreenivasan to discuss the dangers of a shrinking middle class.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 98  
**Length:** 60 minutes  
**Segment Length:** 00:16:12  
**Format:** Interview/Discussion/Review  
**Air Dates:** Tuesday November 15th, 2022 11:00 pm

FTX, the world's second largest cryptocurrency exchange, filed for bankruptcy on Friday. The move sent shockwaves through the industry. Axios' chief financial correspondent, Felix Salmon, joins Hari Sreenivasan to explain the consequences of this meltdown.

## Education

**Program Source:** PBS  
**Program Title:** Wild Weather  
**Length:** 60 minutes  
**Format:** Documentary  
**Air Dates:** Sunday October 2nd, 2022 2:00 am

Watch an innovative documentary that illustrates how weather works by performing brave, ambitious (even unlikely) experiments that show how nature transforms simple ingredients like wind, water and temperature into something spectacular and powerful.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 110  
**Length:** 60 minutes  
**Segment Length:** 00:04:41  
**Format:** Interview/Discussion/Review  
**Air Dates:** Thursday December 1st, 2022 6:00 pm

Student reporters in Los Angeles recently found themselves in a difficult position. They were at odds with the administration at their magnet school, which specializes in journalism, over a report in the student-run newspaper. Autry Rozendal of our PBS NewsHour Student Reporting Labs has the story.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 113  
**Length:** 60 minutes  
**Segment Length:** 00:06:05  
**Format:** News (live news only)  
**Air Dates:** Tuesday December 6th, 2022 6:00 pm

The largest strike of the year in the U.S. and the largest strike in higher education ever is in its fourth week. The battle is playing out at the University of California over fair compensation for graduate students, teaching assistants and postdoctoral workers, who do much of the research and teaching on campus. Tim Cain of the University of Georgia joins William Brangham to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 68  
**Length:** 60 minutes  
**Segment Length:** 00:07:38  
**Format:** News (live news only)  
**Air Dates:** Tuesday October 4th, 2022 6:00 pm

Past Supreme Court rulings have allowed colleges to consider race in their admissions processes and about 40 percent do. But the justices will soon revisit the issue and could overturn years of precedent. John Yang visited a university making a big push to improve diversity without the consideration of race or sex in the admissions process. It's part of our series, "Rethinking College."

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 72  
**Length:** 60 minutes  
**Segment Length:** 00:05:34  
**Format:** News (live news only)  
**Air Dates:** Monday October 10th, 2022 6:00 pm

As Americans begin to cast ballots in the midterms, voters who struggle to read will confront an election system that relies on literacy. Experts estimate that roughly one in five Americans, including those with disabilities and those who have not learned English, struggle to read. Laura Barrón-López reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 74  
**Length:** 60 minutes  
**Segment Length:** 00:06:53  
**Format:** News (live news only)  
**Air Dates:** Wednesday October 12th, 2022 6:00 pm

President Biden's executive order to cancel student debt is facing its most serious legal challenge to date. A federal judge in Missouri heard arguments from six states hoping to block the plan from taking effect. White House Correspondent Laura Barrón-López has been following it all and reports for our series, "Rethinking College."

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 82  
**Length:** 60 minutes  
**Segment Length:** 00:07:30  
**Format:** News (live news only)  
**Air Dates:** Monday October 24th, 2022 6:00 pm

The new "Nation's Report Card" is out and the results are grim. Test scores are at their lowest level in decades, with steep declines in both reading and math proficiency in nearly every state. It's the first comprehensive look at the pandemic's impact on America's students. Peggy Carr of the National Center for Education Statistics, which issued the report, joined William Brangham to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 87  
**Length:** 60 minutes  
**Segment Length:** 00:07:12  
**Format:** News (live news only)  
**Air Dates:** Monday October 31st, 2022 6:00 pm

The Supreme Court heard arguments Monday that could overturn years of precedent. Past decisions indicated colleges can use race in admissions as long as they don't use quotas or give applicants benefits based solely on race. Plaintiffs are asking the justices to rule that any consideration of race is unconstitutional. Marcia Coyle of the National Law Journal joined John Yang to discuss the cases.

**Program Source:** PBS-NPS  
**Program Title:** POV  
**Episode Title:** Accepted  
**Length:** 90 minutes  
**Segment Length:** 01:26:46  
**Format:** Documentary  
**Air Dates:** Monday October 10th, 2022 10:00 pm  
Wednesday October 12th, 2022 3:00 am  
Sunday October 16th, 2022 3:00 am

Follow four high school students at a prep school in Louisiana that sends 100% of its grads to college, rocked by scandal as an article exposes the controversial methods of its dynamic founder - and the fiction of higher education's promise.

**Program Source:** PBS-NPS  
**Program Title:** POV  
**Episode Title:** Let the Little Light Shine  
**Length:** 90 minutes  
**Segment Length:** 01:26:46  
**Format:** Documentary  
**Air Dates:** Monday December 12th, 2022 10:00 pm  
Wednesday December 14th, 2022 4:30 am  
Sunday December 18th, 2022 3:00 am

National Teachers Academy (NTA) is a top-ranked, high-performing elementary school in a growing south side Chicago neighborhood. As the neighborhood gentrifies, a wealthy parents group seeks to close NTA and replace it with a high school campus.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 101  
**Length:** 60 minutes  
**Segment Length:** 00:17:48  
**Format:** Interview/Discussion/Review  
**Air Dates:** Friday November 18th, 2022 11:30 pm

Yale and Harvard Law Schools have withdrawn their participation from the key university ranking system by the U.S. News and World Report, saying it undermines the commitments of the legal profession. Despite taking the top spot every year, Yale was the first to announce this change. Heather Gerken is the dean of Yale Law School and speaks with Michel Martin about their decision.

## Environmental

**Program Source:** APTX  
**Program Title:** Changing Seas  
**Episode Title:** At The Water's Edge: The Salt Marsh  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 1st, 2022 2:00 pm

Along scenic coastlines in the South, waves of mesmerizing green and golden grass stretch to the horizon. This is the salt marsh - a part liquid, part solid landscape that is teeming with life. How do scientists study the salt marsh? And how resilient is it to climate change?

**Program Source:** APTX  
**Program Title:** Changing Seas  
**Episode Title:** Cryptic Critters  
**Length:** 30 minutes  
**Air Dates:** Tuesday December 27th, 2022 2:00 pm

Deep underwater, on a shipwreck near Key West, lives a tiny potential new threat. Being in the right place at the right time, one expert spotted it and immediately knew that it didn't belong. Researchers want to know where this new species came from, and whether its sudden appearance spells disaster for the delicate coral reef ecosystem in the Florida Keys.

**Program Source:** APTX  
**Program Title:** Changing Seas  
**Episode Title:** Habitats: The Key to Florida's Fisheries  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 15th, 2022 2:00 pm

Tarpon and snook are two of Florida's most iconic game fish. Both species rely on mangrove creeks and ponds when they are juveniles. With half of the state's mangroves lost to development, scientists employ creative solutions to restore and reconnect some of these important habitats to secure the future of the fisheries.

**Program Source:** APTX  
**Program Title:** Changing Seas  
**Episode Title:** Kelp: Hidden Treasure of the Salish Sea  
**Length:** 30 minutes  
**Air Dates:** Tuesday December 6th, 2022 2:00 pm

The kelp forests of the Puget Sound have long played an essential role in the local ecosystem as a habitat and food source. Today, this foundational species is in decline, but resource managers, scientists, tribal citizens, and advocates are working together to solve the mysteries of conserving and restoring kelp forests.

**Program Source:** APTX  
**Program Title:** Changing Seas  
**Episode Title:** Saving Florida's Starving Manatees  
**Length:** 30 minutes  
**Air Dates:** Tuesday December 13th, 2022 2:00 pm

Florida's iconic sea cows are dying in record numbers. Years of declining seagrass beds have eliminated one of the gentle giants' primary food sources. Now wildlife managers have taken the unprecedented step of feeding the animals, while scientists are in a race against time to restore the lost seagrass.

**Program Source:** APTX  
**Program Title:** Downwinders and the Radioactive West  
**Length:** 60 minutes  
**Air Dates:** Sunday October 16th, 2022 2:00 pm  
Monday October 24th, 2022 1:00 pm

In the 1950s and '60s, the U.S. government conducted a series of nuclear tests in the Nevada desert. The resulting fallout would kick off a decades-long debate over cancer rates, the costs of patriotism, and the responsibility of a nation to protect its citizens. DOWNWINDERS AND THE RADIOACTIVE WEST chronicles the history of the testing program, and shares the stories of Utahans who lived downwind from the Nevada site. In reporting on these ongoing issues, the documentary explores how the legacy of nuclear testing continues to affect the country today.

**Program Source:** APTX  
**Program Title:** Gzero World with Ian Bremmer  
**Episode Title:** America's Great Big Climate Bill  
**Length:** 30 minutes  
**Air Dates:** Thursday December 1st, 2022 12:30 am

Guest: United States Secretary of Energy Jennifer Granholm. With record temperatures and catastrophic flooding hitting globally this summer, how will the world adapt to climate change? US Energy Secretary Jennifer Granholm tells Ian Bremmer that America should become a leader in the clean energy transition.

**Program Source:** GREG  
**Program Title:** Hupa Fire: Traditional and Cultural Fire Management  
**Length:** 30 minutes  
**Air Dates:** Wednesday October 12th, 2022 10:30 pm  
Tuesday October 18th, 2022 12:00 am  
Tuesday October 18th, 2022 2:00 pm

The Hoopa Fire Department, tells the story of how traditional fire burning or cultural burns helped California prevent major fires. This story is told by Hupa culture keepers who have firsthand accounts of their relationship to fire.

**Program Source:** NETA  
**Program Title:** Lost Salmon  
**Length:** 60 minutes  
**Air Dates:** Sunday November 20th, 2022 2:00 pm

The Lost Salmon, chronicles the plight and potential recovery of the iconic spring chinook salmon of the Pacific Northwest. Faced with extinction in many river systems of the West, a new genetic discovery could aid in their recovery. Once teeming in the millions along the west coast and a sacrament for the oldest civilizations in the Americas, time is running out for the genetically

distinct wild springers and the new genetic discovery could lead to their protection under the Endangered Species Act.

**Program Source:** PBS  
**Program Title:** Wild Weather  
**Length:** 60 minutes  
**Format:** Documentary  
**Air Dates:** Sunday October 2nd, 2022 2:00 am

Watch an innovative documentary that illustrates how weather works by performing brave, ambitious (even unlikely) experiments that show how nature transforms simple ingredients like wind, water and temperature into something spectacular and powerful.

**Program Source:** PBS-NPS  
**Program Title:** Earthshot Prize 2022; The  
**Length:** 60 minutes  
**Segment Length:** 00:59:22  
**Format:** Event Coverage  
**Air Dates:** Wednesday December 14th, 2022 8:00 pm  
Friday December 16th, 2022 4:00 am  
Sunday December 18th, 2022 1:00 am  
Sunday December 18th, 2022 7:00 pm  
Wednesday December 21st, 2022 1:00 pm

Celebrate the annual ceremony of Prince William's prestigious environmental award: The Earthshot Prize. The star-studded event honors this year's five winners and their innovative solutions to help repair our planet.

**Program Source:** PBS-NPS  
**Program Title:** Nature  
**Episode Title:** American Arctic  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday December 28th, 2022 8:00 pm  
Friday December 30th, 2022 4:00 am

Photographer and cinematographer Florian Schulz tracks wildlife at the Arctic National Wildlife Refuge in the northeastern corner of Alaska.

**Program Source:** PBS-NPS  
**Program Title:** Nature  
**Episode Title:** American Ocelot  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday November 9th, 2022 8:00 pm  
Friday November 11th, 2022 4:00 am  
Sunday November 13th, 2022 1:00 am  
Sunday November 13th, 2022 7:00 pm  
Wednesday November 16th, 2022 1:00 pm

Dive deep into South Texas to meet one of the United States' most endangered wild cats: the ocelot. With about 80 known ocelots remaining in the country, the future of the American ocelot population relies on ranchers and scientists working together.

**Program Source:** PBS-NPS  
**Program Title:** Nature  
**Episode Title:** Canada: Surviving the Wild North  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 26th, 2022 8:00 pm  
Friday October 28th, 2022 4:00 am  
Sunday October 30th, 2022 1:00 am  
Sunday October 30th, 2022 7:00 pm  
Wednesday November 2nd, 2022 1:00 pm

Journey from Canada's high arctic to boreal forest and discover how polar bears, coastal wolves, lynx and more survive in the North. Timing and seizing opportunity can mean the difference between life and death in this wild and rugged outpost.

**Program Source:** PBS-NPS  
**Program Title:** Nature  
**Episode Title:** Penguins: Meet the Family  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday December 7th, 2022 8:00 pm  
Friday December 9th, 2022 4:00 am  
Sunday December 11th, 2022 1:00 am  
Sunday December 11th, 2022 7:00 pm  
Wednesday December 14th, 2022 1:00 pm

A unique celebration of one of Earth's most iconic and beloved birds, featuring all 18 species of penguins for the first time, from New Zealand, Cape Town, the Galapagos Islands and Antarctica. Witness the perils penguins face for survival, from rock climbing to extreme temperatures to predators. Meet the penguins that seem out of place, making their living in dense forests, desert islands and even city streets. Watch how these creatures parent and form lifelong bonds. Discover how scientists identified 37 new colonies of Emperor penguins in Antarctica without even traveling to the continent. Experience penguins' heart-warming family dynamics, like chicks bonding with their fathers, alongside astonishing adaptations and behaviors unique to these aquatic birds.

**Program Source:** PBS-NPS  
**Program Title:** Nature  
**Episode Title:** Running with the Beast  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 19th, 2022 8:00 pm  
Friday October 21st, 2022 4:00 am  
Sunday October 23rd, 2022 1:00 am  
Sunday October 23rd, 2022 7:00 pm  
Wednesday October 26th, 2022 1:00 pm

Witness the great wildebeest migration in East Africa, the most impressive mass movement of land animals on Earth. Travel with two Maasai guides who expose today's conflict between people and wildlife and share new ideas for co-existence.

**Program Source:** PBS-NPS  
**Program Title:** Nature  
**Episode Title:** Santa's Wild Home  
**Length:** 60 minutes  
**Format:** Documentary  
**Air Dates:** Wednesday November 16th, 2022 8:00 pm  
Friday November 18th, 2022 4:00 am  
Sunday November 20th, 2022 1:00 am  
Sunday November 20th, 2022 7:00 pm  
Wednesday November 23rd, 2022 1:00 pm

Get an intimate look into life in Lapland, fabled land of Santa Claus and actual home of tenacious wildlife such as reindeer, wolverines, Brown bears and more.

**Program Source:** PBS-NPS  
**Program Title:** Nature  
**Episode Title:** Woodpeckers: The Hole Story  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday November 2nd, 2022 8:00 pm  
Friday November 4th, 2022 4:00 am  
Sunday November 6th, 2022 1:00 am  
Sunday November 6th, 2022 2:00 am  
Sunday November 6th, 2022 7:00 pm  
Wednesday November 9th, 2022 1:00 pm

Two families explore the evolutionary journey of woodpeckers and the role they play in each ecosystem that they inhabit.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Ocean Invaders  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 26th, 2022 9:00 pm  
Thursday October 27th, 2022 1:00 am  
Friday October 28th, 2022 5:00 am  
Sunday October 30th, 2022 12:00 am  
Tuesday November 1st, 2022 1:00 pm

Lionfish--long prized in home aquariums--have invaded the Atlantic. Dive deep with host Danni Washington to investigate what makes the lionfish such a successful invasive species, how it's wreaking havoc, and what can be done about it.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Saving Venice  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Sunday October 2nd, 2022 12:00 am  
Tuesday October 4th, 2022 1:00 pm

Rising seas and sinking land threaten to destroy Venice. Can the city's new hi-tech flood barrier save it? Discover the innovative projects and feats of engineering designed to stop this historic city from being lost to future generations.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 100  
**Length:** 60 minutes  
**Segment Length:** 00:07:40  
**Format:** News (live news only)  
**Air Dates:** Thursday November 17th, 2022 6:00 pm

Up and down the Mississippi River basin, below-average rainfall has constricted one of the country's major economic thoroughfares. Some areas along the river are reporting their lowest water levels in decades and it could affect consumers across the country. William Brangham reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 101  
**Length:** 60 minutes  
**Segment Length:** 00:06:04  
**Format:** News (live news only)  
**Air Dates:** Friday November 18th, 2022 6:00 pm

In our news wrap Friday, climate talks set to wrap Friday have been extended into the weekend as resolutions remain up in the air, North Korea firing another missile that landed near Japanese waters, Ukraine said Russian strikes have disabled nearly half of its energy system and a powerful storm paralyzed parts of western and northern New York with at least three feet of lake-effect snow.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 102  
**Length:** 60 minutes  
**Segment Length:** 00:04:45  
**Format:** News (live news only)  
**Air Dates:** Monday November 21st, 2022 6:00 pm

In our news wrap Monday, rolling blackouts spread across Ukraine with half of the country's power systems knocked out by Russian air strikes, an earthquake in Indonesia killed at least 162 people, millions are under lockdown in China facing a new COVID-19 outbreak and the World Cup is underway in Qatar but much of the focus has been off the field with protests and other issues.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 104  
**Length:** 60 minutes  
**Segment Length:** 00:09:14  
**Format:** News (live news only)  
**Air Dates:** Wednesday November 23rd, 2022 6:00 pm

The COP27 climate negotiations in Egypt put a spotlight on the problem of methane emissions, which are responsible for more than a quarter of the warming on the planet today. More countries are pledging to reduce those emissions, but methane leaks remain a serious problem. Science correspondent Miles O'Brien reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 108  
**Length:** 60 minutes  
**Segment Length:** 00:02:40  
**Format:** News (live news only)  
**Air Dates:** Tuesday November 29th, 2022 6:00 pm

Elizabeth Yeampierre is an attorney and climate justice leader born and raised in New York City. As executive director of Uprose, Brooklyn's oldest Latino community-based organization, she is leading change in sustainable development, environmental justice and community-led adaptation. She shares her Brief But Spectacular take on community resiliency.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 113  
**Length:** 60 minutes  
**Segment Length:** 00:04:17  
**Format:** News (live news only)  
**Air Dates:** Tuesday December 6th, 2022 6:00 pm

Bill McKibben is an environmentalist and founder of Third Act, an organization that encourages people over 60 to take action on climate change. He also helped to found 350.org, which was the first global grassroots climate campaign, organizing protests on every continent including Antarctica. McKibben shares his Brief But Spectacular take on working together for climate action.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 120  
**Length:** 60 minutes  
**Segment Length:** 00:05:22  
**Format:** News (live news only)  
**Air Dates:** Thursday December 15th, 2022 6:00 pm

In our news wrap Thursday, a storm system impacted the South with tornadoes killing three people in Louisiana, stocks dropped sharply on fears that the Federal Reserve will keep raising interest rates to break inflation even it causes a recession, the U.S. government will resume making free COVID tests available to all households and Harvard University named its first Black president.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 122  
**Length:** 60 minutes  
**Segment Length:** 00:06:54  
**Format:** News (live news only)  
**Air Dates:** Monday December 19th, 2022 6:00 pm

A historic agreement was reached Monday at the United Nations Biodiversity Conference in Canada that aims to increase protections for the world's lands and oceans. It comes as the planet continues to experience a staggering decline in biodiversity driven in large part by human behavior. Collin O'Mara of the National Wildlife Federation joined William Brangham to discuss the agreement.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 126  
**Length:** 60 minutes  
**Segment Length:** 00:02:47  
**Format:** News (live news only)  
**Air Dates:** Friday December 23rd, 2022 6:00 pm

It's a winter storm of epic proportions and created one of the most treacherous holiday travel seasons the U.S. has seen in decades. So far, there are reports of at least seven weather-related deaths and some 4,900 flights were canceled across the U.S. Nicole Ellis reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 127  
**Length:** 60 minutes  
**Segment Length:** 00:07:19  
**Format:** News (live news only)  
**Air Dates:** Monday December 26th, 2022 6:00 pm

A brutal freeze is paralyzing parts of the United States. At least 50 people have died in the fierce winter storm with 27 of those deaths in western New York. Tens of thousands of customers across the country are still without electricity. Buffalo, New York Mayor Byron Brown joined Laura Barrón-López to discuss the storm's toll on his city.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 128  
**Length:** 60 minutes  
**Segment Length:** 00:02:32  
**Format:** News (live news only)  
**Air Dates:** Tuesday December 27th, 2022 6:00 pm

The casualties keep climbing from a savage winter storm gripping much of the nation. The latest counts show at least 60 dead, with more than half of those around Buffalo. Roads there are still paralyzed and air travel in many places is still a shambles. Nicole Ellis reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 129  
**Length:** 60 minutes  
**Segment Length:** 00:08:15  
**Format:** News (live news only)  
**Air Dates:** Wednesday December 28th, 2022 6:00 pm

The great blizzard of 2022 is passing into the history books, but its legacy lingers on the ground and in the air. Confirmed deaths from the storm topped 60 with more than half of those in western New York state. Buffalo's death toll from this storm is already the city's highest ever from a weather event, surpassing the blizzard of 1977. John Yang reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 129  
**Length:** 60 minutes  
**Segment Length:** 00:03:16  
**Format:** News (live news only)  
**Air Dates:** Wednesday December 28th, 2022 6:00 pm

Franziska Trautmann is the founder and CEO of Glass Half Full, a recycling company that converts glass into sand for coastal restoration projects and disaster relief. She and her co-founder Max were students at Tulane University when they launched the initiative. Trautmann shares her Brief But Spectacular take on "glassroots" recycling.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 67  
**Length:** 60 minutes  
**Segment Length:** 00:07:18  
**Format:** News (live news only)  
**Air Dates:** Monday October 3rd, 2022 6:00 pm

People in southwestern Florida continued to struggle Monday with recovery efforts and, in some cases, getting their basic needs after Hurricane Ian. Power is still out to more than half a million homes and businesses in the state and the death toll has risen to over 90. At the same time, President Biden visited Puerto Rico to survey the damage there from Hurricane Fiona. William Brangham reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 68  
**Length:** 60 minutes  
**Segment Length:** 00:03:13  
**Format:** News (live news only)  
**Air Dates:** Tuesday October 4th, 2022 6:00 pm

Nearly a week after Hurricane Ian made landfall in Florida, search and rescue teams are still on the job. More than 100 people were killed in the state during the storm and its aftermath. Utility workers say it will likely take until the weekend for power to be restored to the more than 400,000 customers that remain without electricity. William Brangham reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 69  
**Length:** 60 minutes  
**Segment Length:** 00:06:56  
**Format:** News (live news only)  
**Air Dates:** Wednesday October 5th, 2022 6:00 pm

President Biden arrived in Florida Wednesday to survey the damage left behind in the wake of Hurricane Ian. The visit comes as search and rescue crews continue their work in the hardest hit parts of the state. Jennifer Hiner, a member of a Fairfax County, Virginia-based rescue team dispatched to Florida by FEMA, joined William Brangham to discuss the recovery effort around Fort Myers.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 70  
**Length:** 60 minutes  
**Segment Length:** 00:06:26  
**Format:** News (live news only)  
**Air Dates:** Thursday October 6th, 2022 6:00 pm

More than a week after Hurricane Ian's landfall, search efforts for the missing or dead are still ongoing in some of the hardest hit communities in southwestern Florida. Chessa Latifi is a senior program advisor with Project Hope, a nonprofit that provides relief during disasters and health crises. She joined William Brangham to discuss the recovery.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 70  
**Length:** 60 minutes  
**Segment Length:** 00:05:01  
**Format:** News (live news only)  
**Air Dates:** Thursday October 6th, 2022 6:00 pm

Animal rescue organizations across the country are working to rehome thousands of beagles rescued from a Virginia research and breeding facility. In July, the Department of Justice secured the release of the beagles after filing a lawsuit alleging Envigo RMS failed to provide minimum standards for handling, housing, feeding, watering, sanitation and adequate veterinary care. Amna Nawaz reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 71  
**Length:** 60 minutes  
**Segment Length:** 00:03:45  
**Format:** News (live news only)  
**Air Dates:** Friday October 7th, 2022 6:00 pm

In our news wrap Friday, Hurricane Ian is now the second-deadliest storm to hit the U.S. mainland this century behind Hurricane Katrina, the Uvalde school district suspended its entire campus police force after intense criticism over their response to the elementary school massacre and this year's Nobel Peace Prize was awarded to human rights activists from Belarus, Russia, and Ukraine.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 77  
**Length:** 60 minutes  
**Segment Length:** 00:09:14  
**Format:** News (live news only)  
**Air Dates:** Monday October 17th, 2022 6:00 pm

Across the nation, search and rescue teams are mostly made up of a patchwork of volunteers often overseen by local sheriff's departments. But many of these teams are now struggling to keep up as more Americans than ever are hitting the outdoors. Special correspondent Christopher Booker reports from Colorado.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 78  
**Length:** 60 minutes  
**Segment Length:** 00:08:50  
**Format:** News (live news only)  
**Air Dates:** Tuesday October 18th, 2022 6:00 pm

The Great Salt Lake in Utah is the largest body of water in the western hemisphere without an outlet to the sea. Its levels fluctuate naturally, but scientists say the record-low water levels the lake has seen in recent years are worrying. A megadrought means less precipitation, and a growing population is taking more water before the lake can refill. Stephanie Sy reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 81  
**Length:** 60 minutes  
**Segment Length:** 00:08:59  
**Format:** News (live news only)  
**Air Dates:** Friday October 21st, 2022 6:00 pm

The climate crisis is now a reality worldwide, but it's nowhere more apparent than the parched landscapes of northern Africa. Thousands are on the move looking for water to grow crops and graze livestock. Special correspondent Willem Marx looks at just how dire this crisis has become.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 85  
**Length:** 60 minutes  
**Segment Length:** 00:11:26  
**Format:** News (live news only)  
**Air Dates:** Thursday October 27th, 2022 6:00 pm

When Hurricane Ian hit the U.S., it was nearly a Category 5 storm and one of the strongest to ever make landfall in this country. In its aftermath, housing is an urgent problem, and hundreds of thousands of households have applied for federal assistance. But there are big challenges around rebuilding and questions about the wisdom of doing so along parts of the coast. William Brangham reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 87  
**Length:** 60 minutes  
**Segment Length:** 00:07:02  
**Format:** News (live news only)  
**Air Dates:** Monday October 31st, 2022 6:00 pm

It's been about a month since Hurricane Ian made landfall in Florida. As clean-up efforts in the state continue, the hardest-hit communities are still reeling. William Brangham spoke with FEMA Administrator Deanne Criswell on the recovery and rebuilding efforts, and what's still most needed.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 92  
**Length:** 60 minutes  
**Segment Length:** 00:04:21  
**Format:** News (live news only)  
**Air Dates:** Monday November 7th, 2022 6:00 pm

Global leaders are meeting at a pivotal conference in Egypt to discuss climate change, but human rights are overshadowing the beginning of the COP27 summit. The family of one of Egypt's most prominent political prisoners could die in detention within days, highlighting the Egyptian government's widespread crackdown on its critics. Nick Schiffrin reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 95  
**Length:** 60 minutes  
**Segment Length:** 00:05:02  
**Format:** News (live news only)  
**Air Dates:** Thursday November 10th, 2022 6:00 pm

In our news wrap Thursday, a rare November hurricane smashed into Florida's Atlantic coast, President Biden will meet China's President Xi for their first in-person encounter since Biden took office and the District of Columbia filed a civil suit against the Washington Commanders over sexual harassment and other workplace misconduct.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 95  
**Length:** 60 minutes  
**Segment Length:** 00:07:22  
**Format:** News (live news only)  
**Air Dates:** Thursday November 10th, 2022 6:00 pm

Hurricanes devastate vulnerable communities, but a group that's often overlooked after disasters is the formerly incarcerated. William Brangham spoke with a woman whose home was destroyed by Hurricane Ian. She then found that her criminal record made it very hard to find housing, even though it has been years since she was released. It's part of our series, "Searching for Justice."

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 96  
**Length:** 60 minutes  
**Segment Length:** 00:06:11  
**Format:** News (live news only)  
**Air Dates:** Friday November 11th, 2022 6:00 pm

President Biden arrived in Egypt for the COP27 U.N. climate talks. The president pledged new money for renewable energy projects around the world, and a greater push to cut emissions of methane. But he also is hearing a plea from the developing nations that are suffering the worst damage from climate change. William Brangham reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 99  
**Length:** 60 minutes  
**Segment Length:** 00:07:03  
**Air Dates:** Wednesday November 16th, 2022 6:00 pm

As nearly 200 countries negotiate at the COP27 climate talks on reducing emissions, there's a call for greater regulation and transparency around prior and future pledges. A United Nations report targets governments, corporations and banks for what's called "greenwashing," or making false or exaggerated claims of progress. Jamie Hannan of Fossil Free Media joined William Brangham to discuss.

**Program Source:** PBS-NPS  
**Program Title:** POV  
**Episode Title:** Delikado  
**Length:** 90 minutes  
**Segment Length:** 01:26:25  
**Format:** Documentary  
**Air Dates:** Sunday October 2nd, 2022 3:00 am

Follow ecological crusaders protecting the island of Palawan, one of Asia's tourist hotspots.

**Program Source:** PBS-NPS  
**Program Title:** Rivers of Life  
**Episode Title:** Danube  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 5th, 2022 8:00 pm  
Friday October 7th, 2022 4:00 am  
Sunday October 9th, 2022 1:00 am  
Sunday October 9th, 2022 7:00 pm  
Wednesday October 12th, 2022 1:00 pm

Europe's mighty and majestic Danube, full of glorious riches and magical surprises, is the world's most international river. See how its epic journey is like no other - featuring stunning secret tributaries, baby turtles, and a waterfall-riding kayaker.

**Program Source:** PBS-NPS  
**Program Title:** Rivers of Life  
**Episode Title:** Yukon  
**Length:** 60 minutes  
**Segment Length:** 00:54:33  
**Format:** Documentary  
**Air Dates:** Wednesday October 12th, 2022 8:00 pm  
Friday October 14th, 2022 4:00 am  
Sunday October 16th, 2022 1:00 am  
Sunday October 16th, 2022 7:00 pm  
Wednesday October 19th, 2022 1:00 pm

See a river of extremes, remote and wild, the Yukon is North America's legendary frozen River.

**Program Source:** PBS-NPS  
**Program Title:** Rivers of Life  
**Episode Title:** Zambezi  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Sunday October 2nd, 2022 1:00 am  
Sunday October 2nd, 2022 7:00 pm  
Wednesday October 5th, 2022 1:00 pm

From surfers riding mysterious waves in deep gorges, to elephants battling rapids above Victoria falls, explore the largest curtain of water on earth in this story on the wildlife and people of the Zambezi, Africa's extraordinary shape-shifting river.

**Program Source:** PBS-NPS  
**Program Title:** The Letter: A Message for Our Earth  
**Length:** 90 minutes  
**Segment Length:** 01:26:46  
**Format:** Documentary  
**Air Dates:** Wednesday December 21st, 2022 8:00 pm

Experience Pope Francis' letter to care for our planet—interwoven with personal stories from five characters on their voyages of discovery and solving perhaps the biggest globally defining issue of our time: climate change.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 107  
**Length:** 60 minutes  
**Segment Length:** 00:17:53  
**Format:** Interview/Discussion/Review  
**Air Dates:** Monday November 28th, 2022 11:00 pm

After a year of climate catastrophes, we take a look at the history of environmental activism in America. In his new book "Silent Spring Revolution," Douglas Brinkley calls attention to the climate change movement by tracing the work of pioneering environmental activists in the 1960s. He joins Walter Isaacson to discuss this environmental awakening.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 128  
**Length:** 60 minutes  
**Format:** Interview/Discussion/Review  
**Air Dates:** Tuesday December 27th, 2022 11:00 pm

Naturalist David Attenborough, former Vice President Al Gore and filmmaker Dan Edge discuss the climate.

## Health Care

**Program Source:** KEET  
**Program Title:** Addicts Among Us  
**Length:** 60 minutes  
**Air Dates:** Wednesday December 28th, 2022 10:00 pm

Addicts Among Us investigates the connection between childhood trauma in Humboldt County and the region's skyrocketing addiction rates. Addiction experts have zeroed in on adverse childhood experiences as a cause for addictive behavior. By examining local lives and stories, KEET examines this connection and efforts in the community to see this addressed.

**Program Source:** KEET  
**Program Title:** Headline Humboldt  
**Episode Number:** 302  
**Length:** 30 minutes  
**Air Dates:** Friday October 14th, 2022 7:00 pm  
Sunday October 16th, 2022 1:30 pm

We sit down with Dr. Veronica Yank of the Rural Dementia Caregivers Project to discuss how folks in rural communities are at a disadvantage when it comes to taking care of their loved ones suffering from dementia and related disease. The project offers support and workshops to help these caregivers thrive. Also, KEET contributor Eric Black brings us an update on the Arcata City Council race, and on embattled City Councilman Brett Watson.

**Program Source:** KEET  
**Program Title:** Headline Humboldt  
**Episode Number:** 304  
**Length:** 30 minutes  
**Air Dates:** Friday October 28th, 2022 7:00 pm  
Sunday October 30th, 2022 1:30 pm

We interview certified therapist Shin Luong of Eureka about how difficult it is for health providers to navigate the health insurance system and get people treated.

**Program Source:** KEET  
**Program Title:** Headline Humboldt  
**Episode Number:** 313  
**Length:** 30 minutes  
**Air Dates:** Friday December 30th, 2022 7:00 pm

This week on Headline Humboldt, county Public Health Officer Dr. Candy Stockton describes the deadly and accelerating fentanyl pandemic and its rising death toll on the North Coast. After a high-speed chase and a dangerous vehicular maneuver, authorities on Wednesday arrested a suspect in the killings, Russell Albers.

**Program Source:** APTX  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Arthritis Relief and Pain Prevention  
**Length:** 30 minutes  
**Air Dates:** Monday December 26th, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White at the beautiful beach in Mexico. This entry level standing and barre workout is designed to liberate and rebalance all your joints.

**Program Source:** APTX  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Back Pain Relief  
**Length:** 30 minutes  
**Air Dates:** Friday December 9th, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White at the beaches in Mexico. This workout focuses on your back and core, helping to relieve and prevent back pain.

**Program Source:** APTX  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Bone Strengthening  
**Length:** 30 minutes  
**Air Dates:** Wednesday December 21st, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White at the Kantun Chi Eco Park. This all-standing workout is designed to strengthen your bones and prevent osteoporosis.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Boost Your Energy  
**Length:** 30 minutes  
**Air Dates:** Monday December 19th, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White by the spa pool in beautiful Mexico. In this entry level standing and barre workout, Miranda will lead you through a series of exercises that will leave you feeling energized.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Full Body Flexibility  
**Length:** 30 minutes  
**Air Dates:** Wednesday November 30th, 2022 6:00 am

Join Miranda Esmonde-White for this full-body flexibility workout in a peaceful garden to stretch all of your muscles and help you move comfortably in every direction.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Full Body Workout  
**Length:** 30 minutes  
**Air Dates:** Wednesday November 23rd, 2022 6:00 am

In this episode, join Miranda at the Saasil Kantenah Wedding Resort in Riviera Maya, Mexico for a full-body, all-standing workout to strengthen and stretch your 650 muscles.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Hip and Leg Flexibility  
**Length:** 30 minutes  
**Air Dates:** Monday December 12th, 2022 6:00 am

Join Miranda Esmonde-White for a great lower body workout that combines standing and barre work to increase your flexibility and put a bounce in your step.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Knee Strengthening  
**Length:** 30 minutes  
**Air Dates:** Monday December 5th, 2022 6:00 am

Join Miranda Esmonde-White outside this majestic Chapel at the Colonial resort for a standing and barre workout to strengthen your knees and prevent knee pain.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Mobility  
**Length:** 30 minutes  
**Air Dates:** Wednesday December 14th, 2022 6:00 am

Today, we're outside the tranquil Zentropia spa doing an all-standing, mobility workout to give you range of motion in all of your activities.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Posture  
**Length:** 30 minutes  
**Air Dates:** Wednesday December 28th, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White at the colorful mosaic pathway of the Grand Palladium Hotel. This all-standing intermediate workout is designed to stretch and strengthen your entire body while improving your posture.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Posture Workout  
**Length:** 30 minutes  
**Air Dates:** Friday November 25th, 2022 6:00 am

This standing and barre posture workout, filmed in Riviera Maya, Mexico will improve your posture and give you tons of energy.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Spine Flexibility  
**Length:** 30 minutes  
**Air Dates:** Friday December 23rd, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White at the Sassil Kantenah Wedding Resort. Miranda will take you through stretches that will increase the flexibility in your back and improve your posture in this standing and floor workout.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Spine Mobility  
**Length:** 30 minutes  
**Air Dates:** Wednesday December 7th, 2022 6:00 am

Today on Classical Stretch, join Miranda Esmonde-White for an all-standing workout at the Saasil Kantenah Wedding resort that will improve the mobility of your spine and keep you standing tall all-day long.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Spine Strengthening  
**Length:** 30 minutes  
**Air Dates:** Friday December 16th, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White on a beautiful terrace in Mexico. Miranda will take you through stretches that will strengthen your back and improve your posture in this entry level standing and floor workout.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Toning and Slenderizing  
**Length:** 30 minutes  
**Air Dates:** Friday December 30th, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White in the Mayan Riviera, Mexico. Miranda will take you through exercises that will tone your body from head to toe in this standing and floor workout.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Waist Toning  
**Length:** 30 minutes  
**Air Dates:** Friday December 2nd, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White at the chapel terrace for an all-barre, waist toning workout aimed at strengthening your abs and slenderizing your core.

**Program Source:** APTEx  
**Program Title:** Classical Stretch: By Essentrics  
**Episode Title:** Weight Loss  
**Length:** 30 minutes  
**Air Dates:** Monday November 28th, 2022 6:00 am

In this episode of Classical Stretch, join Miranda Esmonde-White at the Zentropia Spa for a standing and floor workout to tone your full body and promote weight loss.

**Program Source:** APTEx  
**Program Title:** Downwinders and the Radioactive West  
**Length:** 60 minutes  
**Air Dates:** Sunday October 16th, 2022 2:00 pm  
Monday October 24th, 2022 1:00 pm

In the 1950s and '60s, the U.S. government conducted a series of nuclear tests in the Nevada desert. The resulting fallout would kick off a decades-long debate over cancer rates, the costs of patriotism, and the responsibility of a nation to protect its citizens. DOWNWINDERS AND THE RADIOACTIVE WEST chronicles the history of the testing program, and shares the stories of Utahans who lived downwind from the Nevada site. In reporting on these ongoing issues, the documentary explores how the legacy of nuclear testing continues to affect the country today.

**Program Source:** APTEx  
**Program Title:** School of Greatness with Lewis Howes  
**Episode Title:** Andrew Huberman - Healthy Habits - In Studio  
**Length:** 30 minutes  
**Air Dates:** Friday November 25th, 2022 12:30 am

Neuroscientist Andrew Huberman shares the science behind managing mental health challenges, sleep, dopamine and how to rewire the way you think.

**Program Source:** APTEx  
**Program Title:** School of Greatness with Lewis Howes  
**Episode Title:** Dr. Daniel Amen - Healthy Habits - In Studio  
**Length:** 30 minutes  
**Air Dates:** Friday November 11th, 2022 12:30 am

Psychiatrist and brain disorder specialist Dr. Daniel Amen shares the different risk factors that are hurting your brain and goes through the practices we can use to enhance our brain health.

**Program Source:** APTEx  
**Program Title:** Second Opinion with Joan Lunden  
**Episode Title:** Brain Health  
**Length:** 30 minutes  
**Air Dates:** Sunday October 2nd, 2022 11:30 am

The number of Americans living with Alzheimer's is growing. So many Americans are increasingly interested in their brain health and looking for ways they can prevent developing memory issues of any kind. There is a promising body of evidence, and medical centers around the country looking at what we can do to keep our brain healthy.

**Program Source:** APTEx  
**Program Title:** Wai Lana Yoga  
**Episode Title:** Breathe Easy!  
**Length:** 30 minutes  
**Air Dates:** Thursday December 29th, 2022 6:30 am

Wai Lana shows you a simple breathing technique that strengthens and purifies the lungs-great for those with asthma and other respiratory problems.

**Program Source:** APTEx  
**Program Title:** Wai Lana Yoga  
**Episode Title:** Get The Edge with Yoga  
**Length:** 30 minutes  
**Air Dates:** Friday December 30th, 2022 6:30 am

Whether you run, lift weights, or play soccer, basketball, or tennis, Wai Lana's stretches counterbalance tight muscles, giving you winning-edge flexibility. Learn a meditation that will put you on top of your mental game, too.

**Program Source:** APTEx  
**Program Title:** Wai Lana Yoga  
**Episode Title:** Good Vibrations  
**Length:** 30 minutes  
**Air Dates:** Wednesday December 28th, 2022 6:30 am

Vibrate your vocal cords with Standing Lion for a clear, strong voice. Lion and Shoulderstand both stimulate the thyroid gland, keeping your hormones under control.

**Program Source:** APTEx  
**Program Title:** Wai Lana Yoga  
**Episode Title:** Special: Constipation Begone!  
**Length:** 30 minutes  
**Air Dates:** Tuesday December 27th, 2022 6:30 am

Wai Lana shows you a very effective yoga technique for relieving constipation, whether mild or long-standing.

**Program Source:** APTEx  
**Program Title:** Wai Lana Yoga  
**Episode Title:** Tip-Top Trio  
**Length:** 30 minutes  
**Air Dates:** Thursday December 22nd, 2022 6:30 am

Wai Lana shows you a trio of backbends to keep you in tip-top shape. You'll strengthen your back, give your digestive system a boost, and improve your overall health.

**Program Source:** APTEx  
**Program Title:** Wai Lana Yoga  
**Episode Title:** Ungirdle Your Shoulders  
**Length:** 30 minutes  
**Air Dates:** Friday December 23rd, 2022 6:30 am

Today's poses loosen the shoulder girdle, releasing stored tension and improving posture.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 205  
**Length:** 30 minutes  
**Air Dates:** Monday October 3rd, 2022 6:00 am

Create better balance. Improve the communication between your brain and your body and develop a healthier back.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 206  
**Length:** 30 minutes  
**Air Dates:** Wednesday October 5th, 2022 6:00 am

Replace typical dysfunctional physical patterns that lead to back pain and disability and replace them with healthier patterns.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 207  
**Length:** 30 minutes  
**Air Dates:** Friday October 7th, 2022 6:00 am

Create strength, stability, flexibility, and better body mechanics.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 208  
**Length:** 30 minutes  
**Air Dates:** Monday October 10th, 2022 6:00 am

Create well-conditioned muscles that will protect your spine and discs. Introduces new flexibility exercises.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 210  
**Length:** 30 minutes  
**Air Dates:** Friday October 14th, 2022 6:00 am

Practice movement patterns that will protect your back and improve your posture Introduces a self-care massage technique.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 211  
**Length:** 30 minutes  
**Air Dates:** Monday October 17th, 2022 6:00 am

Create healthy and fit core and postural muscles. Crank it up with more core exercises.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 212  
**Length:** 30 minutes  
**Air Dates:** Wednesday October 19th, 2022 6:00 am

Create healthy and fit core and postural muscles. Emphasis on standing exercises and improvement of balance.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 213  
**Length:** 30 minutes  
**Air Dates:** Friday October 21st, 2022 6:00 am

Practice movement patterns that will protect your back and improve your posture. Improve the communication between your brain and your body.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 214  
**Length:** 30 minutes  
**Air Dates:** Monday October 24th, 2022 6:00 am

Develop muscles that work as a healthy team and work to protect your back.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 215  
**Length:** 30 minutes  
**Air Dates:** Wednesday October 26th, 2022 6:00 am

Create strength, stability, flexibility, and better body mechanics. Introduces eccentric stretching.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 216  
**Length:** 30 minutes  
**Air Dates:** Friday October 28th, 2022 6:00 am

Create healthy and fit core and postural muscles. Train your muscles to work as a team to protect your spine and discs.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 217  
**Length:** 30 minutes  
**Air Dates:** Monday October 31st, 2022 6:00 am

Develop muscles that work as a healthy team and work to protect your back. Practice linked exercises that improve your strength and coordination.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 218  
**Length:** 30 minutes  
**Air Dates:** Wednesday November 2nd, 2022 6:00 am

Improve your posture and trunk musculature.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 219  
**Length:** 30 minutes  
**Air Dates:** Friday November 4th, 2022 6:00 am

Practice movement patterns that will protect your back and improve your posture.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 220  
**Length:** 30 minutes  
**Air Dates:** Monday November 7th, 2022 6:00 am

Create healthy and fit core and postural muscles. Practice linked exercises to challenge your balance and create healthier movement patterns, coordination, and alignment.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 221  
**Length:** 30 minutes  
**Air Dates:** Wednesday November 9th, 2022 6:00 am

Create well-conditioned muscles that will protect your spine and discs. Practice the abdominal exercise that is the least stressful to your spine and discs.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 222  
**Length:** 30 minutes  
**Air Dates:** Friday November 11th, 2022 6:00 am

Train your core and posture for long term back health.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 223  
**Length:** 30 minutes  
**Air Dates:** Monday November 14th, 2022 6:00 am

Replace typical dysfunctional physical patterns that lead to back pain and disability and replace them with healthier patterns.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 224  
**Length:** 30 minutes  
**Air Dates:** Wednesday November 16th, 2022 6:00 am

Improve your quality of life and sports performance with exercises that improve your strength, balance, and flexibility.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 225  
**Length:** 30 minutes  
**Air Dates:** Friday November 18th, 2022 6:00 am

Practice movement patterns that will protect your back and improve your posture.

**Program Source:** KNME  
**Program Title:** Allaire Back Fitness  
**Episode Number:** 226  
**Length:** 30 minutes  
**Air Dates:** Monday November 21st, 2022 6:00 am

Improve your posture and trunk musculature.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Autumn Leaves  
**Length:** 30 minutes  
**Air Dates:** Tuesday October 11th, 2022 6:00 am

Bask in the golden leaves of autumn as you connect to your core with a dynamic intermediate flow practice. Including postures that will help to strengthen your abdominals, legs and thighs, creating greater ease of movement and better posture in your daily life.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Fiery Ocean Sunset  
**Length:** 30 minutes  
**Air Dates:** Tuesday October 4th, 2022 6:00 am

Allow the natural energy of the ocean waves and golden, fiery sunset to inspire your practice. Enjoy this intermediate yoga session as we flow slowly and gracefully through standing and seated poses creating more movement around the hips and hamstrings through an effective set of postures including lunges, forward folds and hip opening stretches.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Garden Paradise  
**Length:** 30 minutes  
**Air Dates:** Thursday November 3rd, 2022 6:00 am

Revel in the tropical garden paradise as you enjoy an accessible yoga practice using a chair for support. Including seated and standing poses to tone your legs and core, along with upper body stretches designed to increase mobility in your spine, shoulders and chest.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Glowing Sunflower Sunset  
**Length:** 30 minutes  
**Air Dates:** Tuesday October 25th, 2022 6:00 am

Revel in Mother Nature's beauty of a magnificent sunflower sunset as we enjoy a modified yoga practice using a chair for support. Practice seated and standing postures designed to create more balance and strength in the lower body, combined with core work, creating greater ease of movement and better posture in your daily life.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Golden Desert  
**Length:** 30 minutes  
**Air Dates:** Tuesday December 20th, 2022 6:00 am

Relax in the golden desert bloom as you enjoy easy to follow yoga moves for your whole body. Includes seated sun salutations along with gentle stretches to create more ease in your neck, shoulders, chest, back, hips and more while using a chair for support.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Golden Rays  
**Length:** 30 minutes  
**Air Dates:** Thursday December 29th, 2022 6:00 am

Allow the ocean waves and golden sunset to recharge your body as we gently stretch from head to toe with seated and standing poses for your shoulders, chest, back, hips, hamstrings and more. Relax and enjoy all the benefits of yoga as we tone, strengthen, improve balance, increase flexibility and reduce stress.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Island Breeze  
**Length:** 30 minutes  
**Air Dates:** Thursday October 27th, 2022 6:00 am

Allow the ocean breeze and setting sun to inspire your practice as we enjoy a modified yoga session using a chair for support. Including seated and standing postures designed to open your hips and stretch the hamstrings along with balance postures to tone your legs & glutes.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Island Sunset  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 8th, 2022 6:00 am

Enjoy the brilliant ocean sunset as you experience a gentle yoga session using a chair for support. Including seated sun salutations along with easy to follow yoga moves to create more mobility and flexibility in your hands, neck, shoulders, back, hips and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Ocean Mist  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 15th, 2022 6:00 am

Refresh and recharge with the ocean waves at sunset as you enjoy a gentle seated yoga practice using a chair for support. Including seated sun salutations and gentle stretches designed to increase range of motion and enhance mobility in your shoulders, back, hips and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Ocean Sundown  
**Length:** 30 minutes  
**Air Dates:** Tuesday October 18th, 2022 6:00 am

Allow the peaceful ocean sunset to inspire you as we enjoy a modified seated yoga practice using a chair for support. Including seated lower body poses to create strength in the legs and glutes, along with upper body stretches designed to increase mobility in the shoulders and upper back.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Ocean Twilight  
**Length:** 30 minutes  
**Air Dates:** Thursday December 15th, 2022 6:00 am

Gently stretch your body from head to toe as you relax with the ocean waves at sunset. Enjoy seated sun salutations and gentle stretches designed to increase flexibility and mobility in your shoulders, back, hips, legs and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Pastel Morning  
**Length:** 30 minutes  
**Air Dates:** Tuesday December 13th, 2022 6:00 am

Enjoy the pastel sunrise and calming waves as you experience a gentle seated yoga practice using a chair for support. Includes sun salutations along with easy to follow yoga moves to create more mobility and flexibility in your neck, shoulders, chest, back, hips and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Peaceful Wood Glen  
**Length:** 30 minutes  
**Air Dates:** Thursday November 10th, 2022 6:00 am

Create more calm in your day in the peaceful wooded glen as you enjoy a gentle seated yoga practice using a chair for support. Including strengthening warrior moves to create more tone in your legs, combined with upper body stretches for your shoulders and upper back.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Pebble Shore  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 22nd, 2022 6:00 am

Recharge along the pebble beach at sunset with an energizing flow practice as we focus on increasing lower body mobility while strengthening your core, hips, glutes and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Red Rock Basin  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 29th, 2022 6:00 am

Allow the magnificent red rock wilderness to inspire your practice as you enjoy an accessible yoga session using a chair for support. Including modified sun salutations and standing poses to build strength in your lower body and more openness in your hips.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Red Rock Panoramic  
**Length:** 30 minutes  
**Air Dates:** Thursday October 20th, 2022 6:00 am

Bask in the red rock beauty as you enjoy a well balanced intermediate flow practice with an emphasis on core strengthening moves and standing poses to open the hips, shoulders and spine.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Red Rock Sunset  
**Length:** 30 minutes  
**Air Dates:** Thursday October 6th, 2022 6:00 am

Bask in the glorious red rock sunset as we enjoy a modified seated yoga practice using a chair for support. Including gentle sun salutations along with easy to follow yoga moves to create more mobility and flexibility in the hands, neck, chest, shoulders, back, hips and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Spectacular Sunflower  
**Length:** 30 minutes  
**Air Dates:** Thursday October 13th, 2022 6:00 am

Allow the spectacular sunflower display to inspire your practice as we enjoy a modified seated yoga practice using a chair for support. Including seated sun salutations and a gentle series of stretches to increase range of motion in the shoulders and upper back while releasing tension in the neck and spine.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Sunflower Gold  
**Length:** 30 minutes  
**Air Dates:** Thursday November 24th, 2022 6:00 am

Revel in the golden sunflower sunset as you enjoy a gentle yoga practice using a chair for support. Including gentle seated sun salutations along with easy to follow yoga moves to create more ease in your neck, shoulders, chest, back and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Sunflower Meadow  
**Length:** 30 minutes  
**Air Dates:** Thursday December 1st, 2022 6:00 am

Bask in the serene sunflower meadow as you enjoy a gentle yoga practice using a chair for support. Including gentle seated sun salutations along with easy to follow yoga moves to create more ease in your hands, neck, shoulders, back, hips and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Sunflower Woods  
**Length:** 30 minutes  
**Air Dates:** Thursday December 8th, 2022 6:00 am

Bask in the serene sunflower beauty as you enjoy an accessible yoga practice using a chair for support. Includes a standing sequence designed to create more freedom and mobility in your hips while building strength, balance and focus.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Sunflowers and Honeybees  
**Length:** 30 minutes  
**Air Dates:** Tuesday December 27th, 2022 6:00 am

Re-energize in a field of sunflowers and honeybees as you experience a total body stretch while using a chair for support. Includes lower body moves to build strength and stamina along with gentle stretches for your shoulders, chest, back, hips and more.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Sunflowers Galore  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 1st, 2022 6:00 am

Renew your practice with the bountiful sunflower energy as we focus on intermediate yoga sequences to fire up the core. Including supine, plank and standing core strengthening moves that challenge your balance and focus.

**Program Source:** NETA  
**Program Title:** Happy Yoga with Sarah Starr  
**Episode Title:** Sunny Bloom  
**Length:** 30 minutes  
**Air Dates:** Thursday December 22nd, 2022 6:00 am

Soak up the sunshine energy in the bright spring bloom while enjoying a gentle seated yoga practice, great for all levels...especially beginners! Stay low on your mat and experience the benefits of gentle yoga. Includes seated, all fours and supine stretches for your shoulders, back, hips, legs and more!

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Breathing  
**Length:** 30 minutes  
**Air Dates:** Monday October 3rd, 2022 6:30 am

By toning and stretching muscles around the ribcage and practicing good breathing technique viewers learn how to get the most out of each breath.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Feel Your Best  
**Length:** 30 minutes  
**Air Dates:** Monday November 7th, 2022 6:30 am

Mary Ann introduces some unique ways to strengthen muscles with a resistance exercise band. Emphasis is placed on maintaining proper technique to avoid injury and get the most out of the movements.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Fundamental Moves:  
**Length:** 30 minutes  
**Air Dates:** Monday November 14th, 2022 6:30 am

In this episode Mary Ann mixes the good old standards with new moves for a fun and effective full body workout.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Kinesthetic Awareness  
**Length:** 30 minutes  
**Air Dates:** Monday November 21st, 2022 6:30 am

This Sit and Be Fit episode focuses on the importance of kinesthetic awareness and weight shifting as they relate to balance.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Maintain Independence  
**Length:** 30 minutes  
**Air Dates:** Monday October 24th, 2022 6:30 am

This episode is full of functional movements to help improve performance of the activities of daily life and help you maintain independence as you age.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Neuromuscular Coordination  
**Length:** 30 minutes  
**Air Dates:** Monday December 19th, 2022 6:30 am

In this episode, Mary Ann uses heel tapping, patting, clapping and changing of rhythm patterns which contribute to improving neuromuscular coordination.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Pelvic & Ribcage Mobility  
**Length:** 30 minutes  
**Air Dates:** Monday December 5th, 2022 6:30 am

Pelvic and ribcage mobility exercises take center stage in this fun full-body workout.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Relaxation  
**Length:** 30 minutes  
**Air Dates:** Monday October 17th, 2022 6:30 am

Mary Ann explores the healing touch of massage, demonstrating some effective ways to release tension and use movement to relax.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Release Tension Through Exercise  
**Length:** 30 minutes  
**Air Dates:** Monday December 26th, 2022 6:30 am

This fast-paced workout ends with a peaceful relaxation, leading viewers from a state of invigoration to a place of complete tranquility.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Resistance Exercises  
**Length:** 30 minutes  
**Air Dates:** Monday October 31st, 2022 6:30 am

Mary Ann introduces some unique ways to strengthen muscles with a resistance exercise band. Emphasis is placed on maintaining proper technique to avoid injury and get the most out of the movements.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Static Balance  
**Length:** 30 minutes  
**Air Dates:** Monday November 28th, 2022 6:30 am

Weights are incorporated into the standing exercises to challenge static balance.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Stretching  
**Length:** 30 minutes  
**Air Dates:** Monday October 10th, 2022 6:30 am

Strengthening should always be followed by stretching as an important component to any workout. This episode includes some great stretching exercises to improve flexibility.

**Program Source:** NETA  
**Program Title:** Sit and Be Fit  
**Episode Title:** Strong Back Strong Core  
**Length:** 30 minutes  
**Air Dates:** Monday December 12th, 2022 6:30 am

Mary Ann combines a variety of exercises to emphasize the importance of strong core muscles and their role in maintaining back health.

**Program Source:** NETA  
**Program Title:** Story in the Public Square  
**Episode Title:** Linda Villarosa  
**Length:** 30 minutes  
**Air Dates:** Sunday December 11th, 2022 11:00 am

In her new book, "Under the Skin," Linda Villarosa lays bare the forces in the American health-care system and in American society that cause Black people to "live sicker and die quicker" compared to their white counterparts.

**Program Source:** PBS  
**Program Title:** American Experience  
**Episode Title:** Test Tube Babies  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday December 14th, 2022 10:00 pm  
Thursday December 15th, 2022 2:00 am  
Friday December 16th, 2022 3:00 am  
Sunday December 18th, 2022 2:00 am  
Monday December 19th, 2022 1:00 pm

She was described in the press as the "Baby of the Century." When Louise Brown, the world's first successful test tube baby, was born in Great Britain on July 25, 1978, the event was heralded as the beginning of a technological revolution in human reproduction. It was also the culmination of a decade-long effort, involving scientists on both sides of the Atlantic, to help a woman conceive through in vitro fertilization, or IVF. This is the story of two doctors -- New York gynecologist Landrum Shettles and British physiologist Robert Edwards -- whose work became the locus of debate over the limits of science and a precursor of the current debate over cloning and stem cell research.

**Program Source:** PBS  
**Program Title:** American Experience  
**Episode Title:** The Polio Crusade  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Thursday December 8th, 2022 2:00 am  
Sunday December 11th, 2022 2:00 am  
Monday December 12th, 2022 1:00 pm

AMERICAN EXPERIENCE presents "The Polio Crusade," a one-hour documentary from filmmaker Sarah Colt ("Geronimo," "RFK") that interweaves the personal accounts of polio survivors with the story of an ardent crusader who tirelessly fought on their behalf while scientists raced to eradicate this dreaded disease. Based in part on the Pulitzer Prize-winning book, "Polio: An American Story" by David Oshinsky, "The Polio Crusade" features interviews with historians, scientists, polio survivors,

and the only surviving scientist from the core research team that developed the Salk vaccine, Julius Youngner.

**Program Source:** PBS  
**Program Title:** NOVA  
**Episode Title:** The Truth About Fat  
**Length:** 60 minutes  
**Format:** Documentary  
**Air Dates:** Wednesday December 28th, 2022 9:00 pm  
Friday December 30th, 2022 5:00 am

Scientists are coming to understand fat as a system akin to an organ -- one whose size may have more to do with biological processes than personal choices. Explore the mysteries of fat and its role in hormone production, hunger and even pregnancy.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Can Psychedelics Cure?  
**Length:** 60 minutes  
**Segment Length:** 00:52:30  
**Format:** Documentary  
**Air Dates:** Wednesday October 19th, 2022 9:00 pm  
Thursday October 20th, 2022 1:00 am  
Friday October 21st, 2022 5:00 am  
Sunday October 23rd, 2022 12:00 am  
Tuesday October 25th, 2022 1:00 pm

Psychedelics are unlocking new ways to treat conditions like addiction and depression.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Ending HIV in America  
**Length:** 60 minutes  
**Segment Length:** 00:26:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 5th, 2022 9:00 pm  
Thursday October 6th, 2022 1:00 am  
Friday October 7th, 2022 5:00 am  
Sunday October 9th, 2022 12:00 am  
Tuesday October 11th, 2022 1:00 pm

Almost 40 years after the discovery of HIV could we be on the verge of ending the AIDS epidemic in America? How did scientists tackle one of the most elusive deadly viruses to ever infect humans? Can innovative drugs bring new infections to zero?

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 102  
**Length:** 60 minutes  
**Segment Length:** 00:08:08  
**Format:** News (live news only)  
**Air Dates:** Monday November 21st, 2022 6:00 pm

Several women diagnosed with uterine cancer are now suing L'Oreal and other cosmetic companies after a recent study tied the illness to chemical hair straightening products. Dr. Kemi Doll joined Amna Nawaz to discuss the study and the concerns it has raised.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 103  
**Length:** 60 minutes  
**Segment Length:** 00:07:27  
**Format:** News (live news only)  
**Air Dates:** Tuesday November 22nd, 2022 6:00 pm

A so-called "tridemic" is threatening healthcare systems across the country. It's essentially a triple threat from the spread of flu, RSV and COVID. More than three-quarters of pediatric hospital beds nationwide are occupied, seniors are hospitalized at a higher rate for respiratory illness and flu hospitalizations are at a decade-level high. Dr. Megan Ranney joined Judy Woodruff to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 103  
**Length:** 60 minutes  
**Segment Length:** 00:06:13  
**Format:** News (live news only)  
**Air Dates:** Tuesday November 22nd, 2022 6:00 pm

Beijing shut parks and museums as China faces its largest outbreak of COVID in six months. Authorities confirmed more than 28,000 cases Monday and the first official COVID fatalities since May. The numbers might seem relatively low, but despite some recent adjustments, Beijing maintains the strictest COVID policy in the world. As Nick Schifrin reports, lockdowns are sparking rare public dissent.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 104  
**Length:** 60 minutes  
**Segment Length:** 00:07:04  
**Format:** News (live news only)  
**Air Dates:** Wednesday November 23rd, 2022 6:00 pm

Millions of Americans live in rural or underserved areas where there are fewer medical care facilities and doctors with specialized expertise. One doctor in New Mexico is trying to help change that with his vision dubbed "Project ECHO." Fred de Sam Lazaro reports in a partnership with the Under-Told Stories Project at the University of St. Thomas in Minnesota.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 106  
**Length:** 60 minutes  
**Segment Length:** 00:08:33  
**Format:** News (live news only)  
**Air Dates:** Friday November 25th, 2022 6:00 pm

There is a national shortage of Adderall, a drug used to treat several attention-deficit disorders. Intermittent manufacturing delays and a lack of supply to meet market demand in the U.S. left those who rely on the drug unsure about how they'll be able to get the medication they say they need to function. Dr. Craig Surman joined William Brangham to discuss the shortage.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 106  
**Length:** 60 minutes  
**Segment Length:** 00:05:31  
**Format:** News (live news only)  
**Air Dates:** Friday November 25th, 2022 6:00 pm

The chemical mercury is considered so dangerous to humans and the environment that more than 100 countries have agreed to try to end its use. But across the world, millions of miners are still exposed to the toxic metal. In Zimbabwe, a majority of miners depend on it to help them extract gold. Nick Schifrin reports in collaboration with the Global Press Journal.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 107  
**Length:** 60 minutes  
**Segment Length:** 00:06:56  
**Air Dates:** Monday November 28th, 2022 6:00 pm

Millions of children around the world did not get routine vaccines as a result of disruptions and disinformation caused by the COVID-19 pandemic. In the Democratic Republic of the Congo, these setbacks threaten to undo years of public health advances. Special correspondent Benedict Moran and video journalist Jorgen Samsø report.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 108  
**Length:** 60 minutes  
**Segment Length:** 00:03:56  
**Format:** News (live news only)  
**Air Dates:** Tuesday November 29th, 2022 6:00 pm

In our news wrap Tuesday, universities in Beijing and other Chinese cities sent students home after weekend protests against COVID restrictions and the country's leaders, a new Pentagon report estimates China is rapidly building its nuclear arsenal and closing the gap with the U.S. and the city of Houston, Texas lifted a boil-water notice for more than two million residents.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 108  
**Length:** 60 minutes  
**Segment Length:** 00:06:50  
**Format:** News (live news only)  
**Air Dates:** Tuesday November 29th, 2022 6:00 pm

The mpox virus spread globally earlier this year, bringing fears of another pandemic. Many western countries fought off the outbreak with treatments and vaccines. But in the Democratic Republic of the Congo, the virus remains endemic, as it has for decades. Special correspondent Benedict Moran and video journalist Jorgen Samsø report.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 109  
**Length:** 60 minutes  
**Segment Length:** 00:07:46  
**Format:** News (live news only)  
**Air Dates:** Wednesday November 30th, 2022 6:00 pm

COVID's prevalence in the U.S. is much lower than it was during the past two winters, but it is hardly behind us. The U.S. is on pace to lose more than 150,000 Americans during this third year of the pandemic. The Biden administration is concerned and is trying to encourage the use of the booster. White House COVID Response Coordinator Dr. Ashish Jha joined Judy Woodruff to discuss the campaign.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 110  
**Length:** 60 minutes  
**Segment Length:** 00:06:45  
**Format:** Interview/Discussion/Review  
**Air Dates:** Thursday December 1st, 2022 6:00 pm

The rise in homelessness is a source of major tension around the country, including in New York City, which has a larger homeless population than any other city in the U.S. This week, Mayor Eric Adams announced a new policy to try to curb the trend, but as William Brangham reports, it has also drawn criticism.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 116  
**Length:** 60 minutes  
**Segment Length:** 00:12:09  
**Format:** News (live news only)  
**Air Dates:** Friday December 9th, 2022 6:00 pm

Dr. Anthony Fauci is stepping aside from job after a five-decade-long career in public health. He's been one of the leading public health voices since taking the role of director of the National Institutes of Allergy and Infectious Diseases in 1984, and he's advised seven U.S. presidents. His exit comes amid the worst flu season in a decade and a new COVID surge. He joins Judy Woodruff to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 118  
**Length:** 60 minutes  
**Segment Length:** 00:08:22  
**Format:** News (live news only)  
**Air Dates:** Tuesday December 13th, 2022 6:00 pm

The prevalence of autism in the United States has increased dramatically over the last few decades, and that's coincided with a new understanding of just how broad the spectrum is. This is explored in a new film called "In A Different Key," which features Don Triplett, the first person diagnosed with autism. Filmmakers Caren Zucker and John Donvan joined Geoff Bennett to discuss the project.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 120  
**Length:** 60 minutes  
**Segment Length:** 00:10:13  
**Format:** News (live news only)  
**Air Dates:** Thursday December 15th, 2022 6:00 pm

The White House is warning of a surge of illness this holiday season, as the country deals with the simultaneous uptick of three, highly contagious respiratory viruses. Hospitals across the country are filling up with patients suffering from flu, RSV and COVID. William Brangham reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 125  
**Length:** 60 minutes  
**Segment Length:** 00:06:47  
**Format:** News (live news only)  
**Air Dates:** Thursday December 22nd, 2022 6:00 pm

There is grim news about the state of America's health. The average expected lifespan for a person in this country shrank by over seven months last year, according to the CDC. That comes after an even steeper decline in 2020. The primary culprits are COVID-19 and opioid overdoses. Dr. Steven Woolf joined William Brangham to discuss the new report.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 126  
**Length:** 60 minutes  
**Segment Length:** 00:06:07  
**Format:** News (live news only)  
**Air Dates:** Friday December 23rd, 2022 6:00 pm

The holiday season is considered one of the hardest times of the year for anyone struggling with mental health. The recent death by suicide of famed dancer, producer and DJ Stephen "tWitch" Boss sparked a national conversation about the struggles many people face. Dr. Gregory Scott Brown, a psychiatrist and author of "The Self-Healing Mind," joined Judy Woodruff to explore some of those concerns.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 128  
**Length:** 60 minutes  
**Segment Length:** 00:10:32  
**Format:** News (live news only)  
**Air Dates:** Tuesday December 27th, 2022 6:00 pm

China is grappling with the rapid spread of COVID-19 after the government began rolling back its zero-COVID restrictions earlier this month. Now, cases are spiraling across towns and cities, hospitals are overburdened, medical staff are outnumbered and crematoriums are running out of space. Judy Woodruff reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 67  
**Length:** 60 minutes  
**Segment Length:** 00:03:53  
**Format:** News (live news only)  
**Air Dates:** Monday October 3rd, 2022 6:00 pm

Hurricane Ian has impacted health care facilities across Florida, making it very difficult for medically vulnerable people to get the care they need. Tom Carter is the president and executive director of Health Care Ready, a nonprofit that coordinates public, private and government responses to disasters. He joined William Brangham to discuss the needs of hurricane victims.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 69  
**Length:** 60 minutes  
**Segment Length:** 00:07:57  
**Format:** News (live news only)  
**Air Dates:** Wednesday October 5th, 2022 6:00 pm

Three years ago, the Trump administration laid out a plan to drastically reduce new HIV infections. While cases are on the decline, the effort has faced significant setbacks due to the COVID-19 pandemic. Special correspondent Dr. Alok Patel reports in partnership with the Global Health Reporting Center.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 72  
**Length:** 60 minutes  
**Segment Length:** 00:08:01  
**Format:** News (live news only)  
**Air Dates:** Monday October 10th, 2022 6:00 pm

The number of confirmed and reported COVID cases in the U.S. is at its lowest point since last spring. But the average number of deaths associated with COVID remains at more than 350 a day. Public health experts are increasingly concerned that too many Americans are missing out on a chance to get new boosters and avoid a worse winter. Dr. Peter Hotez joined John Yang to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 83  
**Length:** 60 minutes  
**Segment Length:** 00:06:19  
**Format:** News (live news only)  
**Air Dates:** Tuesday October 25th, 2022 6:00 pm

With COVID still a concern and the flu season now underway and showing signs it could be severe, there's a third virus that's surging and has physicians worried about a potential "tri-demic" this winter. Pediatric hospitals are struggling to deal with cases of respiratory syncytial virus, or RSV. Dr. Juan Salazar of Connecticut Children's Medical Center joined John Yang to discuss the concerns.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 85  
**Length:** 60 minutes  
**Segment Length:** 00:03:18  
**Format:** News (live news only)  
**Air Dates:** Thursday October 27th, 2022 6:00 pm

After having life-changing strokes, Kate Kennedy and Allen Oliver found themselves diagnosed with aphasia, a disorder marked by a patient's inability to communicate clearly. They had to relearn how to write, read and speak, all alongside other aphasia patients at Boston University's Aphasia Resource Center. They share their Brief But Spectacular take on how language is your life.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 91  
**Length:** 60 minutes  
**Segment Length:** 00:04:09  
**Format:** News (live news only)  
**Air Dates:** Friday November 4th, 2022 6:00 pm

Pierce and Melissa McKay are a mother and son living in Brentwood, Tennessee, just outside of Nashville. When the COVID pandemic began, the McKays found themselves without the vital school and community resources Pierce needed to navigate life as an autistic adult. They share their Brief But Spectacular take on adapting to new challenges while living with autism.

**Program Source:** PBS-NPS  
**Program Title:** Ricochet: An American Trauma  
**Episode Title:** Ricochet: An American Trauma  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 5th, 2022 10:00 pm  
Thursday October 6th, 2022 2:00 am  
Sunday October 9th, 2022 2:00 am

Examine the U.S. gun violence crisis and the people it impacts with NewsHour correspondent William Brangham. Understand deeply personal stories from shooting victims and their loved ones, community leaders, gun owners and frontline health workers.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 104  
**Length:** 60 minutes  
**Segment Length:** 00:17:10  
**Format:** Interview/Discussion/Review  
**Air Dates:** Wednesday November 23rd, 2022 11:00 pm

Frontline workers are battling an exponential rise in cases of RSV among young children. This respiratory virus is the latest wreaking havoc and filling up hospital beds. Our next guest details the dire situation many hospitals are facing once again. Dr. Daniel Rauch, chief of pediatric hospital medicine at Tufts Medical Center, joins Hari Sreenivasan.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 110  
**Length:** 60 minutes  
**Segment Length:** 00:17:46  
**Format:** Interview/Discussion/Review  
**Air Dates:** Thursday December 1st, 2022 11:30 pm

Haiti is at breaking point, facing humanitarian disaster as cholera spreads across the country. Moreover, according to the U.N., 4.5 million Haitians currently suffer from acute hunger. Natalie Kitroeff is the New York Times bureau chief for the region and joins Hari Sreenivasan to discuss the crisis.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 111  
**Length:** 60 minutes  
**Segment Length:** 00:18:10  
**Format:** Interview/Discussion/Review  
**Air Dates:** Friday December 2nd, 2022 11:30 pm

Asa Hutchinson, Governor of Arkansas, joins Christiane to discuss the future of the GOP and what it means for America. Prior to his retirement, Dr. Fauci joins Walter Isaacson to reflect on a storied career. Tiya Miles tells the full story of "Ashley's sack" in her book "All That She Carried."

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 117  
**Length:** 60 minutes  
**Segment Length:** 00:17:44  
**Format:** Interview/Discussion/Review  
**Air Dates:** Monday December 12th, 2022 11:30 pm

Almost three years after the COVID-19 pandemic began, the U.S. healthcare system is still struggling with shortages of medicine and supplies. Dr. Mahshid Abir is an emergency physician and senior policy researcher at the RAND corporation. She tells Hari Sreenivasan what is behind this crisis and what might be done to address it.

## Technology

**Program Source:** APTX  
**Program Title:** Changing Seas  
**Episode Title:** Alvin: Pioneer of the Deep  
**Length:** 30 minutes  
**Air Dates:** Tuesday November 8th, 2022 2:00 pm

A Co-Production with the Woods Hole Oceanographic Institution. The deep-sea submersible Alvin has brought explorers to extraordinary places for more than 50 years. Now, as Alvin is poised to continue its revolutionary scientific work, a new set of upgrades will take it deeper than ever before.

**Program Source:** NETA  
**Program Title:** Me & My Robot  
**Length:** 30 minutes  
**Air Dates:** Friday October 7th, 2022 10:30 pm  
Saturday October 8th, 2022 2:30 am  
Tuesday October 25th, 2022 1:00 am

ME & MY ROBOT tells the story of enthusiastic young roboticists competing for gold at the World Robot Olympiad. They are the next generation of engineers, inventors, and scientists-a diverse group of school-aged competitors from 65 countries that design and build problem-solving robots as a way to have fun while changing the world.

**Program Source:** PBS  
**Program Title:** American Experience  
**Episode Title:** Test Tube Babies  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday December 14th, 2022 10:00 pm  
Thursday December 15th, 2022 2:00 am  
Friday December 16th, 2022 3:00 am  
Sunday December 18th, 2022 2:00 am  
Monday December 19th, 2022 1:00 pm

She was described in the press as the "Baby of the Century." When Louise Brown, the world's first successful test tube baby, was born in Great Britain on July 25, 1978, the event was heralded as the beginning of a technological revolution in human reproduction. It was also the culmination of a decade-long effort, involving scientists on both sides of the Atlantic, to help a woman conceive through in vitro fertilization, or IVF. This is the story of two doctors -- New York gynecologist Landrum Shettles and British physiologist Robert Edwards -- whose work became the locus of debate over the limits of science and a precursor of the current debate over cloning and stem cell research.

**Program Source:** PBS  
**Program Title:** American Experience  
**Episode Title:** The Man Who Tried to Feed the World  
**Length:** 60 minutes  
**Segment Length:** 00:51:30  
**Format:** Documentary  
**Air Dates:** Wednesday December 21st, 2022 10:00 pm  
Thursday December 22nd, 2022 2:00 am  
Sunday December 25th, 2022 2:00 am  
Monday December 26th, 2022 1:00 pm

Explore the life of 1970 Nobel Peace Prize winner Norman Borlaug, who tried to solve world hunger. He rescued India from a severe famine and led the "Green Revolution," estimated to have saved one billion lives. But his work later faced criticism.

**Program Source:** PBS  
**Program Title:** American Experience  
**Episode Title:** The Polio Crusade  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Thursday December 8th, 2022 2:00 am  
Sunday December 11th, 2022 2:00 am  
Monday December 12th, 2022 1:00 pm

AMERICAN EXPERIENCE presents "The Polio Crusade," a one-hour documentary from filmmaker Sarah Colt ("Geronimo," "RFK") that interweaves the personal accounts of polio survivors with the story of an ardent crusader who tirelessly fought on their behalf while scientists raced to eradicate this dreaded disease. Based in part on the Pulitzer Prize-winning book, "Polio: An American Story" by David Oshinsky, "The Polio Crusade" features interviews with historians, scientists, polio survivors, and the only surviving scientist from the core research team that developed the Salk vaccine, Julius Youngner.

**Program Source:** PBS  
**Program Title:** Independent Lens  
**Episode Title:** We Believe in Dinosaurs  
**Length:** 90 minutes  
**Format:** Documentary  
**Air Dates:** Wednesday December 21st, 2022 4:00 am  
Saturday December 24th, 2022 3:00 am

We Believe in Dinosaurs tells the story of the building of an enormous, \$120 million Noah's Ark at the Creation Museum in rural Williamstown, Kentucky, an exhibit designed to prove the Bible is scientifically and historically accurate. Along with detailing the Ark's preparation, the film follows several Kentuckians: Doug and his team of artists and designers who create lifelike animals; Dan, a geologist who blows the whistle on the Ark's hiring practices; David, a former creationist and lifetime museum member who blogs critically about beliefs he once held; and atheist activist Jim Helton, co-founder of Tri-State Freethinkers, who leads a protest rally outside the Ark on opening day. As the citizens of Williamstown wait for the economic boon promised by the Ark's founders, creationists spread the gospel of a 6,000 year-old Earth. We Believe in Dinosaurs explores the roots of our beliefs.

**Program Source:** PBS  
**Program Title:** NOVA  
**Episode Title:** Ghosts of Stonehenge  
**Length:** 60 minutes  
**Format:** Documentary  
**Air Dates:** Wednesday December 7th, 2022 9:00 pm  
Thursday December 8th, 2022 1:00 am  
Friday December 9th, 2022 5:00 am  
Sunday December 11th, 2022 12:00 am  
Tuesday December 13th, 2022 1:00 pm

Who built Stonehenge and why? Discover how the last decade of groundbreaking archaeological digs has revealed major new clues to Britain's enigmatic 5,000-year-old site and the people who constructed it.

**Program Source:** PBS  
**Program Title:** Wild Weather  
**Length:** 60 minutes  
**Format:** Documentary  
**Air Dates:** Sunday October 2nd, 2022 2:00 am

Watch an innovative documentary that illustrates how weather works by performing brave, ambitious (even unlikely) experiments that show how nature transforms simple ingredients like wind, water and temperature into something spectacular and powerful.

**Program Source:** PBS-NPS  
**Program Title:** Independent Lens  
**Episode Title:** TikTok, Boom.  
**Length:** 90 minutes  
**Segment Length:** 01:26:46  
**Format:** Documentary  
**Air Dates:** Monday October 24th, 2022 10:00 pm  
Wednesday October 26th, 2022 4:00 am

The algorithmic, sociopolitical, economic and cultural influences and impact of the TikTok app.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Computers v. Crime  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 12th, 2022 9:00 pm  
Thursday October 13th, 2022 1:00 am  
Friday October 14th, 2022 5:00 am  
Sunday October 16th, 2022 12:00 am  
Tuesday October 18th, 2022 1:00 pm

Across the country, artificial intelligence is helping inform decisions about policing and criminal sentencing. This timely investigation digs into the hidden biases, privacy risks, and design flaws of this controversial technology.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Rebuilding Notre Dame  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday December 14th, 2022 9:00 pm  
Thursday December 15th, 2022 1:00 am  
Friday December 16th, 2022 5:00 am  
Sunday December 18th, 2022 12:00 am  
Tuesday December 20th, 2022 1:00 pm

A team of engineers, masons and timber workers restore France's Notre Dame Cathedral following the April 2019 fire.

**Program Source:** PBS-NPS  
**Program Title:** NOVA  
**Episode Title:** Zero to Infinity  
**Length:** 60 minutes  
**Segment Length:** 00:52:05  
**Format:** Documentary  
**Air Dates:** Wednesday November 16th, 2022 9:00 pm  
Thursday November 17th, 2022 1:00 am  
Friday November 18th, 2022 5:00 am  
Sunday November 20th, 2022 12:00 am  
Tuesday November 22nd, 2022 1:00 pm

Discover how the concepts of zero and infinity revolutionized mathematics.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 116  
**Length:** 60 minutes  
**Segment Length:** 00:06:53  
**Format:** News (live news only)  
**Air Dates:** Friday December 9th, 2022 6:00 pm

The nearly month-long Artemis 1 mission to the Moon is slated to end on Sunday with a splashdown in the Pacific Ocean. On that very day 50 years ago, Dec. 11, 1972, the last Apollo astronauts set foot on the moon. Space historian Andy Chaikin, author of the definitive account of the Apollo missions "A Man on the Moon," joins Miles O'Brien to discuss the parallels.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 118  
**Length:** 60 minutes  
**Segment Length:** 00:06:45  
**Format:** News (live news only)  
**Air Dates:** Tuesday December 13th, 2022 6:00 pm

For the first time, scientists have produced a fusion reaction that created more energy than was expended, a breakthrough to tap into the same kind of energy that powers the sun and stars. It could have huge implications for potentially creating clean and limitless energy. Science Correspondent Miles O'Brien joined Judy Woodruff to discuss what was achieved and what still needs to happen.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 125  
**Length:** 60 minutes  
**Segment Length:** 00:07:34  
**Format:** News (live news only)  
**Air Dates:** Thursday December 22nd, 2022 6:00 pm

Scientists working in Greenland identified the oldest samples of DNA ever found on earth. By analyzing the two-million year old genetic material, they've revealed how northern Greenland was once a wildly different environment than the cold, polar region it is today. Project researcher Eske Willerslev joined William Brangham to discuss the discovery.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 68  
**Length:** 60 minutes  
**Segment Length:** 00:05:07  
**Format:** News (live news only)  
**Air Dates:** Tuesday October 4th, 2022 6:00 pm

In our news wrap Tuesday, Elon Musk reversed course and agreed to buy Twitter after months of legal battles, President Biden and Japan's prime minister discussed the next steps following North Korea's longest-ever ballistic missile test over Japan and a Michigan judge dismissed criminal charges against seven former state government officials linked to the Flint water crisis.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 72  
**Length:** 60 minutes  
**Segment Length:** 00:07:02  
**Format:** News (live news only)  
**Air Dates:** Monday October 10th, 2022 6:00 pm

There are questions once again about the future of Twitter and what it should and should not allow online. Specifically, how far should the company go when it comes to permitting free speech? What should be taken down when it comes to misinformation? And does the company adequately guard against hatermongering speech? Charlie Warzel joined William Brangham to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 76  
**Length:** 60 minutes  
**Segment Length:** 00:06:30  
**Format:** News (live news only)  
**Air Dates:** Friday October 14th, 2022 6:00 pm

Elon Musk said SpaceX can no longer fund the Starlink satellite internet service in Ukraine. The service has helped both the Ukrainian military and civilians stay connected during the war with Russia. Musk said the cost is nearly \$20 million a month and SpaceX has asked the Pentagon to take over financing. Felicia Schwartz of the Financial Times joined John Yang to discuss.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 86  
**Length:** 60 minutes  
**Segment Length:** 00:06:41  
**Format:** News (live news only)  
**Air Dates:** Friday October 28th, 2022 6:00 pm

Billionaire and Tesla CEO Elon Musk now owns Twitter after completing a \$44 billion takeover of the social media platform. Within hours, he fired several top executives and he took the company private Friday at \$54.20 a share. It's raising some concerns over misinformation, hate speech and the future of the company. Amna Nawaz reports.

**Program Source:** PBS-NPS  
**Program Title:** PBS NewsHour  
**Episode Title:** Episode 99  
**Length:** 60 minutes  
**Segment Length:** 00:05:59  
**Air Dates:** Wednesday November 16th, 2022 6:00 pm

For the first time in half a century, NASA is starting to make its way back to a lunar landing. The Artemis rocket was finally able to launch early Wednesday morning after prior delays, sending an unmanned capsule around the moon. At the same time, there are plenty of questions about the path NASA has chosen to make this happen. Miles O'Brien reports.

**Program Source:** PBS-NPS  
**Program Title:** Secrets of the Dead  
**Episode Title:** Last Days of Pompeii  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 19th, 2022 10:00 pm  
Thursday October 20th, 2022 2:00 am  
Sunday October 23rd, 2022 2:00 am

What were the last days in Pompeii like before the eruption of Mount Vesuvius 2,000 years ago? The dazzling discovery of an intact wooden chariot, the only one ever found, provides new insight into the social classes of the ancient city.

**Program Source:** PBS-NPS  
**Program Title:** Secrets of the Dead  
**Episode Title:** The End of the Romans  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday October 26th, 2022 10:00 pm  
Thursday October 27th, 2022 2:00 am  
Friday October 28th, 2022 3:00 am  
Sunday October 30th, 2022 2:00 am  
Monday October 31st, 2022 1:00 pm

An investigation into the real causes of the decline of the Roman Empire, including three epidemics and climate change.

**Program Source:** PBS-NPS  
**Program Title:** Secrets of the Dead  
**Episode Title:** The First Circle of Stonehenge  
**Length:** 60 minutes  
**Segment Length:** 00:56:46  
**Format:** Documentary  
**Air Dates:** Wednesday November 16th, 2022 10:00 pm  
Thursday November 17th, 2022 2:00 am  
Sunday November 20th, 2022 2:00 am  
Monday November 21st, 2022 1:00 pm

A decade-long archaeological quest reveals that the oldest stones of Stonehenge originally belonged to a much earlier sacred site -- a stone circle built on a rugged, remote hillside in west Wales.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 122  
**Length:** 60 minutes  
**Segment Length:** 00:17:59  
**Format:** Interview/Discussion/Review  
**Air Dates:** Monday December 19th, 2022 11:30 pm

2022 has been a year of groundbreaking science and technology. The Atlantic's Derek Thompson details the most exciting developments in his recent article, from lifesaving vaccines to essay-writing A.I., and joins Hari Sreenivasan to discuss how our futures can benefit from them.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 126  
**Length:** 60 minutes  
**Segment Length:** 00:17:31  
**Format:** Interview/Discussion/Review  
**Air Dates:** Friday December 23rd, 2022 11:00 pm

Trauma surgeon and shooting survivor Dr. Joseph V. Sakran discusses gun violence in the U.S. Journalist Alex Heath reflects on how the tech world changed in 2022. Plus: two interviews from the archives with Matthew McConaughey and James Cameron.

**Program Source:** PBS-PLUS  
**Program Title:** Amanpour and Company  
**Episode Title:** Episode 89  
**Length:** 60 minutes  
**Segment Length:** 00:17:55  
**Format:** Interview/Discussion/Review  
**Air Dates:** Wednesday November 2nd, 2022 11:00 pm

Memes and the digital underworld that led to January 6th are discussed.