

KNHC (FM)
Seattle, WA

Ascertainment of Community Needs Issues List
01 October 2014 – 31 December 2014

1. Local Events and Issues
2. Common Goals Among Different Cultures
3. Health Issues Affecting Young Women
4. Internet Safety: What Kids are Looking At Online
5. Media Coverage of Current Events
6. Non-traditional Gender Roles in Industry
7. Post-Teen Education issues
8. Public Library Offerings
9. Trends in Technology

(Section 1.) Local Events and Issues

KNHC airs multiple newscasts daily, outlining local events and issues of importance to residents of Western Washington. These newscasts differ from mainstream newscasts, in that a board of high school students meets 5 mornings per week to determine what stories are the most important.

Program	Days	Length
C89.5 News at 8 AM	Mon., Tue., Wed., Thu., Fri.	2 min.
C89.5 News at 9 AM	Mon., Tue., Wed., Thu., Fri.	2 min.
C89.5 News at 10 AM	Mon., Tue., Wed., Thu., Fri.	2 min.
C89.5 News at 11 AM	Mon., Tue., Wed., Thu., Fri.	2 min.

Total number of programs outlined above, this quarter:

- 264

Total time outlined above, this quarter:

- 8.8 hours

KNHC also participates in several Ascertainment Meetings throughout the year held in partnership with other radio and television broadcast stations in the market. Some of these issues are covered in other sections of this document.

(Section 2.) Common Goals Among Different Cultures

All titles in this section are from Deutsche Welle.



PROGRAM WORLD IN PROGRESS

World in Progress

[PROGRAM HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)*

Time aired on KNHC: 5:30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 29 Dec 2014

Source: *(The source is listed at beginning of this section)*



In this special edition, we're taking a look at some of the most interesting World in Progress stories of 2014. Our highlights included reports about the plight of refugees, slavery in Niger, women's rights after the Arab spring, to the people living on Ghana's e-waste dumping sites and effects of climate change on rice farmers in Vietnam.

Producer: Anke Rasper

World in Progress (25.12.2014)



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 18 Dec 2014
Source: *(The source is listed at beginning of this section)*



International arms production -- Jewish Exodus from France -- Hospital in Liberia prepares for non-Ebola patients -- Poisoned wells in Bangladesh

Editor/Presenter: Anke Rasper

TOPICS

SIPRI report on International Arms Trade



Sales of arms and military services by the world's 100 largest arms-producing companies totaled more than 402 billion US dollars in 2013. That's according to the latest annual report from the Stockholm-based SIPRI institute published this week. Despite a general downward trend in sales, some companies, particularly from Russia, are

booming.

AUDIOS AND VIDEOS ON THE TOPIC

SIPRI study on the international arms industry

Exodus of French Jews



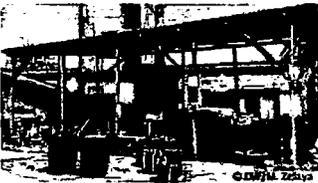
Figures from the Israeli integration ministry show that, for the first time, France has become the biggest source of new migrants “making Aliyah” or going to live in Israel. Four and a half thousand Jews left France for Israel in the first eight months of 2014, far more than from other countries. The reasons: France's economic woes and a

climate of anti-semitism.

AUDIOS AND VIDEOS ON THE TOPIC

French Jews leaving for Israel

Hospital in Liberia gears up for post-Ebola patients



It is a major challenge to get the normal health system to function again in Liberia after the height of the Ebola outbreak. Monrovia's Redemption Hospital had to close down its in-patient-department when acting as a makeshift Ebola treatment Unit this summer. It was forced to close down after too many medical staff died, but is

currently being cleaned up and set to reopen to patients soon.

AUDIOS AND VIDEOS ON THE TOPIC

Gearing Redemption Hospital in Liberia up for new patients

New filter system could help curb Bangladesh arsenic poisoning



In Bangladesh, drinking water from wells can be deadly. That's because of naturally occurring arsenic in the groundwater, which is highly toxic. The World Health Organization, WHO, calls it the world's largest case of mass poisoning. But a new filter that uses rice husks to clean contaminated water could help solve the problem.

AUDIOS AND VIDEOS ON THE TOPIC

Helping villagers in Bangladesh clean arsenic poisoning in drinking water



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

 Title: *(The title is listed on this page)*
Time aired on KNHC: 9 : 30 AM (Pacific Time)Duration: 25 minutesDate aired on KNHC: 14 Dec 2014Source: *(The source is listed at beginning of this section)*



Civil war victims in Nepal - Myanmar human rights - A German takes over presidency of the UN Human Rights Council - A rising music star from Senegal - Mexican human rights

Presenter: Gudrun Heise

TOPICS

Nepal war victims still missing a decade after the conflict

The decade-long civil war in Nepal officially ended in 2006, leaving nearly 13,000 people dead and more than 1,300 missing. Their families want to believe that their missing relatives will return one day. They cling to shreds of hope. Murali Krishnan met families of missing war victims in Kathmandu.

AUDIOS AND VIDEOS ON THE TOPIC

Missing people in Nepal

'People must demand their rights,' says Mexican human rights activist



Mexican Alejandra Ancheita is a human rights activist and founder of the Mexico City-based ProDESC - The Project of Economic, Cultural and Social Rights. The organization focuses on marginalized people, migrants and indigenous communities. It aims to raise people's standard of living and is trying to protect their land and labor rights against

big companies.

AUDIOS AND VIDEOS ON THE TOPIC

Mexican Human Rights activist Alejandra Ancheita

The struggle of Myanmar's ethnic minorities



Myanmar is struggling with its transition to democracy. There are concerns that reforms have stalled, that the military still has too much power, and that human rights are being violated. Several ethnic minority groups are struggling to make their voices heard, as US President Barack Obama highlighted on a recent visit to

Myanmar.

AUDIOS AND VIDEOS ON THE TOPIC

Myanmar minorities

German elected new head of UN Human Rights Council



The German ambassador to the UN, Joachim R cker, has been elected as the new president of the UN Human Rights Council in Geneva. It's a job with challenges, says Peter Splinter, Amnesty International's representative to the UN. DW's Claudia Witte talked to Splinter and asked him whether R cker was taking over a well functioning

body.

AUDIOS AND VIDEOS ON THE TOPIC

Intview with AI on German becoming new president of UN Human Rights Council

A rising star in Senegal: singer Marema

Senegalese singer Marema Fall is making her mark not only in her native country and on international stages. The 28-year-old has been winning international prizes and looked upon as Senegal's "Next Big Thing." After finishing music school in Dakar, she worked as a backing vocalist for renowned Senegalese artists. Now, the young woman has become her country's new rising star.

AUDIOS AND VIDEOS ON THE TOPIC

Listen to Senegalese singer Marema

World in Progress (11.12.2014)



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

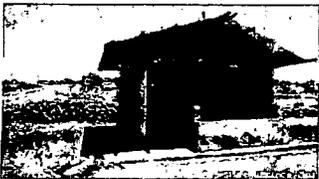
 Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)Duration: 29 minutesDate aired on KNHC: 07 Dec 2014Source: *(The source is listed at beginning of this section)*



Improving sanitation in Kenya - Suicides in India - Sweden is overwhelmed with refugees - Is Mississippi the most dysfunctional state in the US?

TOPICS

Improving sanitation in Kenya



2.5 million people in Nairobi and the hub of East Africa live in slums. Most of them do not have access to proper sanitation facilities so many are forced to defecate in dirty pit latrines or in the open. These sanitation options can cause serious health consequences. Now, however, some people have come up with a possible alternative. Reporter:

Tanya Castle, Nairobi

AUDIOS AND VIDEOS ON THE TOPIC

Improving sanitation in Kenya

Suicides in India

Across the world, India has the highest suicide rate: one out of every three suicides is



committed on the subcontinent. That's according to a decade-long study recently published by the World Health Organization or WHO. The report says that some 250,000 people killed themselves in India in 2012 alone. Report: Murali Krishnan, New Delhi

AUDIOS AND VIDEOS ON THE TOPIC

Suicides in India

Sweden overwhelmed by refugees

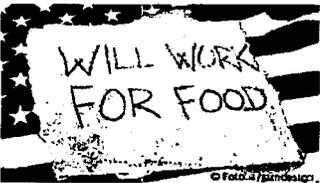


Sweden is unique in that it's guaranteed asylum to those from Iraq and Syria who reach its borders. But the leader of one of the most significant refugee groups has urged the Stockholm government to end its open-door policy, because he claims the problems facing immigrants there are too immense, such as housing and unemployment. Report: Malcolm Brabant, Södertälje

AUDIOS AND VIDEOS ON THE TOPIC

Sweden overwhelmed by refugees

Is Mississippi the most dysfunctional state in the US?



Rundown cities, high poverty rates and poor prospects: statistics reveal that Mississippi is the most dysfunctional state in the US. There's probably nowhere in the United States where the change President Obama once promised is so urgently needed. But in Mississippi, lethargy and frustration rule. A handful of dedicated volunteers are

fighting the dire situation. Report: Samuel Jackisch

AUDIOS AND VIDEOS ON THE TOPIC

Is Mississippi the most dysfunctional state in the US?



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 30 Nov 2014
Source: *(The source is listed at beginning of this section)*



Pope to visit Turkey: Will relations improve between estranged Orthodox and Catholic churches? Why a good education doesn't always lead young people to jobs, and Big Dreams: Why Eritrean cyclists are among the best on the continent

Producer: Anke Rasper

TOPICS

Pope visit to Turkey to encourage dialogue between the churches



The pope is due to visit Turkey this weekend. One of his is to visit the Orthodox patriarch. It is part of renewed efforts to reunify the two churches after nearly 1,500 years of division. Dorian Jones reports from Istanbul on what those unification efforts mean for Christians on both sides of the divide.

AUDIOS AND VIDEOS ON THE TOPIC

Pope visit to Turkey offers opportunity to renew Catholic-Orthodox ties

This year, 7 million university graduates will enter the job market in China. Despite the

China's unemployed graduates



fact that studying no longer guarantees a good job, millions of young Chinese continue to flock to university. Even if later on they often earn less money than migrants working in construction. Emma Wallis has this story by Ruth Kirchner in Beijing.

[AUDIOS AND VIDEOS ON THE TOPIC](#)

China's unemployed university graduates

Youth unemployment in Uganda



After years of investment, the chance of getting a good education in Uganda has improved, yet the likelihood of finding a job afterwards has not. According to the World Bank, just 2.8 percent of young Ugandans are earning regular salaries. And the problem is getting worse.

Unemployed graduates have formed a national association to campaign for their cause, so far with little success.

[AUDIOS AND VIDEOS ON THE TOPIC](#)

Uganda's graduates don't find jobs

Eritrea's craze for bicycle racing



Eritrea has been a closed country ever since it gained independence from Ethiopia in the early 1990s. It's known for ranking low in development and human rights indexes - and for the huge numbers of people who attempt to flee the country every month. But it's not known for its obsession with cycling. A young Eritrean - Mekseb

Debesay - won this year's Africa Tour.

[AUDIOS AND VIDEOS ON THE TOPIC](#)

Eritrea's craze for bicycle racing



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
 Time aired on KNHC: 5 : 30 AM (Pacific Time)
 Duration: 25 minutes
 Date aired on KNHC: 23 Nov 2014
 Source: *(The source is listed at beginning of this section)*



25 years of the UN convention on children's rights -- every parents' worst nightmare:
 Children disappearing in Turkey -- A hard lot for child workers in Bolivia

Presenter: Anke Rasper

TOPICS

25 years of the Convention on the Rights of the Child



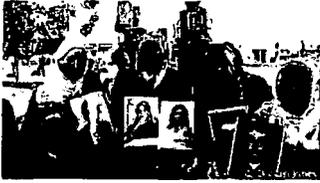
25 years ago, on November 20th, 1989, the UN Convention on the Rights of the Child was adopted and came into force a year later, in 1990. Currently, 194 countries are party to the Child Right's convention. That's more signatories than for any other human rights convention in the world. But have the conventions really

changed the reality for children in the world?

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report on 25 years of the Child Rights Convention

Child disappearances in Turkey



In Turkey, more than 14,000 children have disappeared in the last five years, and it's feared that many of them have been trafficked or even killed for illegal organ transplants. Turkish security forces have now created a special unit to track down the children. All this is welcome news for a foundation set up two decades ago by parents of lost children. But many continue to hope in vain.

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to a report on Turkey's missing kids](#)

The plight of Bolivia's child workers



In Bolivia, one of South America's poorest countries, some 850,000 children are working instead of attending school. The Bolivian parliament has recently passed a law which permits even 10 year olds to work under certain conditions. Child workers themselves campaigned for the law because they hope that it will help improve conditions

for child workers.

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report on Bolivia's child workers](#)



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 16 Nov 2014
Source: *(The source is listed at beginning of this section)*



© Noel Celis/AFP/Getty Images

Rebuilding typhoon devastated Philippines – India's street performers face an uncertain future – Indigenous Australians living on the fringe – and women of the Hopi tribe fight domestic violence in the United States

TOPICS

Hopi women fight domestic violence



According to the World Health Organization, one in three women is assaulted in her lifetime. For Native American women, that number is almost twice as high. Advocates say many tribes are seeing a "domestic violence epidemic." Now, after years of secrecy the Hopi tribe in Northern Arizona is trying to reverse the trend.

Report: Anne Hoffman

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

One year on from Typhoon Haiyan



Last November, Typhoon Haiyan devastated large areas of the Philippines' central islands. More than one million people have been left homeless. Tens of thousands of residents are still waiting to be housed while they live in temporary accommodation.

Report: Udo Schmidt

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Indigenous fringe life



Indigenous Australians – whose cultures dates back at least 40,000 years – have long been marginalized. In Melbourne, a group of Aboriginal and Torres Straight Islanders are staging a sit-in to highlight life on the outskirts that doesn't conform to the lifestyles of the mainstream world.

Report: Janak Rogers

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Fighting for India's street performers



Magicians, snake charmers and jugglers used be common on India's streets, but tighter security and lack of regulation have seen them gradually disappear. Roadside magician Ishamuddin Khan has launched a campaign to revive dying street shows, and save the livelihoods of his fellow performers.

Report: Aletta André

AUDIOS AND VIDEOS ON THE TOPIC



PROGRAM / WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 09 Nov 2014
Source: *(The source is listed at beginning of this section)*



World's biggest companies not ready to reveal financial data -- making global supply chains more transparent -- Jewish-owned publishing house returns home more than 75 years after the Holocaust -- After decades of catholic resistance, poor people in the Philippines get access to free contraceptives

Presenter: Anke Rasper

TOPICS

Biggest global companies lack transparency



The world's biggest companies disclose little or no financial details about their operations outside their home countries. That's the result of a report by Transparency International, called "Transparency in Corporate Reporting". It analyzed 124 of the world's biggest publicly traded companies. World in Progress talks to

Transparency's Ben Elers.

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the Interview on Transparency in corporate reporting](#)

Global Supply Chains



Production processes have become increasingly international, and global supply chains more complex. It may seem almost impossible to control every step to make sure bad practices don't happen. But can companies be really transparent when it comes to the conditions under which their goods are produced?

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report on improving transparency in global supply chains](#)

Free contraceptives for poor people in the Philippines



In the Philippines, catholic leaders led a sixteen-year battle against a reproductive health bill that would allow the government to distribute contraception for free through public health centers. Earlier this year, the country's Supreme Court finally passed the bill, marking a significant change for millions of poor Filipinos. They will

soon have access to contraceptives free of charge.

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to a report on Manila's slums on free contraceptives in the Philippines](#)

Edition Peters returns to Leipzig



In November 1938, Nazis attacked shops owned by Jewish Germans all over the country. Back then, the family of Henri Hinrichsen, the owner of one of Germany's most famous music publishing houses lost nearly everything. But more than 75 years later, his granddaughter, Martha Hinrichsen, born in New York, came back to see the

official return of the publishing house to Leipzig.

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report on Edition Peters returning to Leipzig](#)



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)

Duration: 29 minutes

Date aired on KNHC: 02 Nov 2014

Source: *(The source is listed at beginning of this section)*



Drought affects coffee farmers in Brazil -- Living in the multi-ethnic city of Brcko in Bosnia-Herzegovina -- Yoga on the rise in Nairobi.

Host: Anke Rasper

TOPICS

Brazil's coffee farmers impacted by drought



In Brazil, the world's largest exporter of coffee, extreme weather has destroyed a large part of this year's harvest. Drought has triggered a coffee crisis that is hurting thousands of small coffee farmers, and also lead to an increase in coffee prices globally. Asger Mow and Steffen Stubager report about what that means for local farmers

in Brazil.

AUDIO AND VIDEOS ON THE TOPIC

[Listen to the report on Brazilian coffee farmers](#)

Yoga on the rise in Kenya



From its roots in ancient India, Yoga has spread all over the world. It is now practised in many different forms. One of yoga's youngest markets is Kenya, where an increasing number of yoga studios have started up over the last few years. Moses Mukulwe Mbaja, was one of the first teachers trained in Nairobi by the Africa Yoga Project,

which provides prospects to unemployed youth.

AUDIO AND VIDEOS ON THE TOPIC

[Listen to the report on Yoga in Kenya](#)

Brcko - a multiethnic city in Bosnia



Bosnia-Herzegovina may constitute a single country, but internal divisions have endured since its creation following the Balkan wars of the early 1990s. In the city of Brcko, a local administration is governing, with ethnic Bosniaks, Croats and Serbs to share political power. Brcko may just be a model of multi-ethnic cooperation in a

region wracked by strife. Peter Geoghegan reports.

AUDIO AND VIDEOS ON THE TOPIC

[Listen to the report on different ethnic groups in Brcko](#)



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

 Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)Duration: 25 minutesDate aired on KNHC: 26 Oct 2014Source: *(The source is listed at beginning of this section)*



© DW/Tarik Guizani

In this edition: propaganda or secret weapon: The Love Jihad in India -- Women as guardians of the revolution in Tunisia

Producer/ Presenter: Anke Rasper

TOPICS

Love Jihad in India



Hindu groups are accusing young Muslim men of being agents of Love Jihad. Allegedly, they seduce Hindu women, converting them to Islam via marriage. While radical Hindus claim Love Jihad is practised systematically, no real proof has been found - and many Indians believe the concept is just political propaganda

aimed at splitting India's multi-ethnic and multi-religious society.

Aletta Andre, New Delhi, India

AUDIOS AND VIDEOS ON THE TOPIC

Love Jihad - propaganda or real?

Tunisian women as guardians of the revolution

Tunisia's post-revolution constitution is seen as the most progressive in the Arab world. It guarantees freedom of religion, as well as gender equality. That's also due to the many women who were involved in the revolution of 2011 - bloggers, housewives, activists, but also islamist women. Though divided in their political and cultural views, Tunisian women are united in the fight for more rights.

AUDIOS AND VIDEOS ON THE TOPIC

[listen to the report on Tunisian Women - Guardians of the Revolution](#)



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM [HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)
Duration: 29 minutes
Date aired on KNHC: 19 Oct 2014
Source: *(The source is listed at beginning of this section)*



Malnutrition in Niger - Global Hunger Index - Indian chef tackles food poverty in England
- Syrian women strive for equality despite the war

Producer: Anke Rasper

TOPICS

Syrian women activists



In the midst of Syria's brutal war, activists are trying to peacefully transition their nation to democracy. Although women have been at the forefront of the protests, they have been largely excluded from leadership roles. As such, they often miss out on food rations. But recently, a group of Syrian women activists met in southeast Turkey to

network and collaborate to change this.

Report: Maria Luisa Gambale, Gaziantep, Turkey.

AUDIOS AND VIDEOS ON THE TOPIC

Syrian women activists

New world hunger index



According to the Global Hunger Index for 2014, released this week, hunger in developing countries has dramatically improved over the past several decades. But the level of world hunger is still serious. And what the report seeks to highlight most is "hidden hunger" a deficiency of certain nutrients that can lead to serious

health problems.

Report: Helle Jeppesen / Sonya Diehn

AUDIOS AND VIDEOS ON THE TOPIC

[New world hunger index](#)

Malnutrition and family planning Niger



In Niger, it's easy to spot malnourished children. The country is one of the world's least-developed, and food resources there are desperately scarce. Yet the country has among the world's highest fertility rates: each woman averages almost eight children. Health workers and charities are promoting family planning to help get a grip

on the situation.

Report: Naomi Conrad, Niger

AUDIOS AND VIDEOS ON THE TOPIC

[Malnutrition family planning Niger](#)

Calcutta cooking aid for Cornwall



When Sanjay Kumar was a little boy growing up in Calcutta, India, his father's terrible cooking galvanized Kumar to become a professional chef. After Kumar arrived in Cornwall in 2008, he has discovered that in poor areas of England food poverty is increasingly rife. He's been inspired to tackle the problem directly.

Report: Dany Mitzman, Cornwall, UK

AUDIOS AND VIDEOS ON THE TOPIC

[Calcutta cooking aid for Cornwall](#)



PROGRAM WORLD IN PROGRESS

World in Progress

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
Time aired on KNHC: 5 : 30 AM (Pacific Time)**Duration:** 25 minutes**Date aired on KNHC:** 12 Oct 2014**Source:** *(The source is listed at beginning of this section)*



Rice farmers in Vietnam impacted by climate change - Deforestation in Bolivia - Learning in the Australian outback - Restoring dignity to acid attack victims in Pakistan

Producer: Anke Rasper

TOPICS

Rice farmers in Vietnam impacted by climate change



Vietnam cranks out a fifth of the world's rice exports each year. But climate change is making oceans rise - right up into some of Vietnam's richest rice-growing areas. Saltwater is very bad news for rice. To find out what the changing climate means for Vietnam's rice farmers, reporter Christopher Johnson went to southern Vietnam's

Mekong River Delta - the country's rice-growing heartland.

AUDIOS AND VIDEOS ON THE TOPIC

Mekong rice farmers and climate change

Deforestation Bolivia



In many countries, including Bolivia, tropical forests continue to be cut down. Farmers and developers there say that the land is needed for infrastructure projects and to grow crops. Asger Mow and Steffen Stubager report.

[AUDIOS AND VIDEOS ON THE TOPIC](#)

[Deforestation Bolivia](#)

Beautician restores acid attack victims' dignity



Some 1,500 acid attacks are committed each year. It's often a gender-based crime, the mostly female victims left disfigured. Last year, more than 140 of the attacks took place in Pakistan. A beauty-maven is helping survivors find work - and hope - in her high-end salons.

[AUDIOS AND VIDEOS ON THE TOPIC](#)

[Beautician helps acid victims in Pakistan](#)

Virtual classroom brings education to kids in the Australian outback



In Australia, some children grow up in very remote locations - perhaps because their families run massive cattle stations or because they live in small, isolated communities. These children go to the 'School of the Air,' an Australian invention that began more than 60 years ago. The virtual classroom links teachers in a town with

children in their homes.

[AUDIOS AND VIDEOS ON THE TOPIC](#)

[School of the Air](#)



PROGRAM · WORLD IN PROGRESS

World in Progress

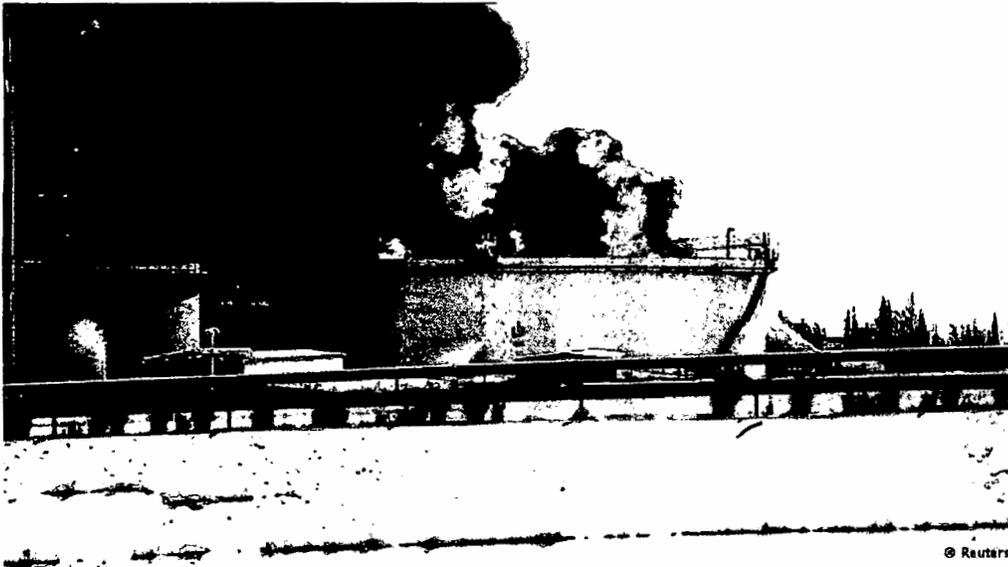
PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
Time aired on KNHC: 8 : 30 AM (Pacific Time)

Duration: 29 minutes

Date aired on KNHC: 05 Oct 2014

Source: *(The source is listed at beginning of this section)*



© Reuters

An unchecked spiral of violence in Libya - Kashmir floods wreak devastation - Coping with aging populations around the world - Vietnamese train to become nurses for the elderly in Germany

Presenter: Anke Rasper

TOPICS

Benghazi still caught in a spiral of violence



The "Islamic State" has captured the world's attention over the past few months, but al Qaeda offshoots are also on the rise in North Africa - especially in Libya. The city of Benghazi is in the grip of the worst violence since the revolution in 2011. Hundreds of people have been killed since, and the ongoing violence is taking its toll on the

community.

AUDIOS AND VIDEOS ON THE TOPIC

Libya - Benghazi's spiral of violence

As the worst floods in 60 years recede in the northern Indian administered state of

Kashmir Floods wreak devastation



Kashmir, the scale of the devastation is slowly revealing itself. Nearly 300 people have been killed and thousands have been displaced or are homeless. Attention is slowly veering towards the reasons and causes behind this unprecedented natural disaster, and on ways to make communities more resilient in the future.

AUDIOS AND VIDEOS ON THE TOPIC

[Kashmir floods resilience](#)

Aging world population poses new challenges



The Global AgeWatch Index 2014, published on Oct 1, ranks countries according to the social and economic well-being of older people. With life expectancies rising, more and more medium and low income countries are now introducing pension schemes, yet many countries still lack effective plans to deal with an increasing number of senior

citizens, says HelpAge CEO, Toby Porter.

AUDIOS AND VIDEOS ON THE TOPIC

[Help Age CEO Toby Porter about aging world population](#)

Vietnamese carers for German senior citizens



As the population ages in Germany, there is an increasing lack of caretakers for the elderly. Germany now advertises apprenticeships and jobs in geriatric care worldwide. In one pilot project, some 100 Vietnamese are being trained to become geriatric caretakers. They've been here for a year now but as it turns out, not everything is easy.

AUDIOS AND VIDEOS ON THE TOPIC

[Foreigners working in nursing homes for the elderly in Germany](#)

(Section 3.) Health Issues Affecting Young Women

All titles in this section are from WAMC National Productions/ Northeast Public Radio.

51% Show #1316

Friday, October 10, 2014 6:08 AM

On this week's 51%, a woman nearing 80 is on a mission to introduce the world to Indonesian literature.

Then, we visit Zambia to learn what is being done to decrease the number of teen pregnancies and we'll hear about a young woman's campaign to put an end to a human rights violation.

Title: *(The title is listed on this page)*

Time aired on KNHC: 5 : 00 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 11 Oct 2014

Source: *(The source is listed at beginning of this section)*

51% Show #1319

Friday, October 31, 2014 6:49 AM

On this week's 51%, we'll hear about a study on fat shaming. A woman tells a fat shaming story about her friend. And around the November elections, we get a refresher about an icon of the woman's suffrage movement.

Title: *(The title is listed on this page)*

Time aired on KNHC: 5 : 00 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 01 Nov 2014

Source: *(The source is listed at beginning of this section)*

51% Show #1324

Friday, December 05, 2014 6:01 AM

On this week's 51%, we're going revisit an archival show to talk about - suicide. First, we turn to an author who explores some philosophies against suicide. Then we hear from a researcher who is trying to get to the heart of why Latina teenage girls attempt suicide more than any other adolescent group.

Title: *(The title is listed on this page)*

Time aired on KNHC: 5 : 00 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 06 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Book Show #1377 - Jill Lepore

Tuesday, December 09, 2014 12:06 PM

Historian Jill Lepore was researching an article for *The New Yorker* on the history of Planned Parenthood and a paper on the history of evidence when she discovered that both were connected to comic book hero - Wonder Woman. That led to her new book: *The Secret History of Wonder Woman*.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 11 Dec 2014

Source: *(The source is listed at beginning of this section)*

(Section 4.) Internet Safety: What Kids Are Looking At Online

All titles in this section are from Deutsche Welle.



PROGRAM PULSE

Pulse

[PROGRAM HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

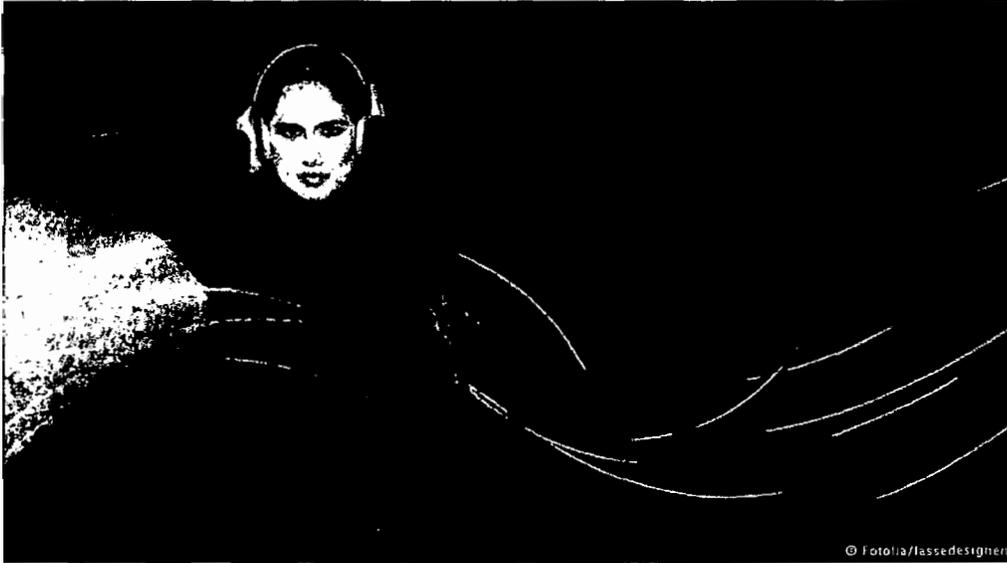
Title: *(The title is listed on this page)*

Time aired on KNHC: A : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 29 Dec 2014

Source: *(The source is listed at beginning of this section)*



Each week, Pulse brings you the latest in youth culture from Germany and Europe. In 30 jam-packed minutes, meet young people making a difference, discover hot new musicians on the scene, and get to the bottom of today's issues.

What's the mood of young people in Berlin, Barcelona or Helsinki? What's the attraction of roof jumping, body art or poetry slams? How about the latest music trends? COOL also explores more serious issues: how are young people coping with HIV/AIDS? Should drugs be legalized? What's it like to study in the middle of a war zone? How are young activists trying to save the planet? Win T-shirts, CDs and other great prizes in the COOL QUIZ.



PROGRAM · PULSE

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Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 22 Dec 2014

Source: *(The source is listed at beginning of this section)*



What quirks make German tourists annoying, yet lovable? This week on Pulse we find out how Germans are perceived abroad and how creative they can get at home within the Berlin start-up scene.

Host: Anne-Sophie Brändlin

[Listen to Pulse](#)



PROGRAM PULSE

Pulse

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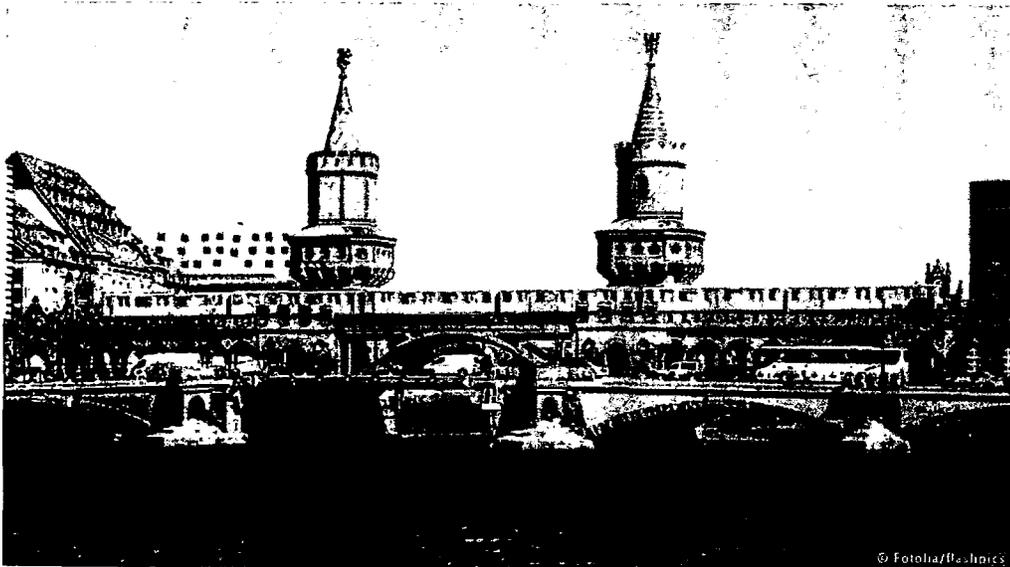
Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 15 Dec 2014

Source: *(The source is listed at beginning of this section)*



The train is a place where we can fall in love with a stranger, get nervous before an important appointment, or struggle with suitcases on our way to a brand new city. Take a ride with Pulse this week to discover how public transportation moves people all over the world.

Host: Anne-Sophie Brändlin

[Listen to Pulse](#)



PROGRAM PULSE

Pulse

[PROGRAM HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 08 Dec 2014

Source: *(The source is listed at beginning of this section)*



© Fotolia/Serg Nivas

If you make good music, the audiences will come. German singer Cheryl Green explains in the Pulse studio how that actually happened to her. For others, fate isn't always so positive. But we hear how students in Germany and an architect in Chile are turning the past into something good.

Hosts: Kate Müser, Anne-Sophie Brändlin

[Listen to Pulse](#)



PROGRAM PULSE

Pulse

[PROGRAM HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

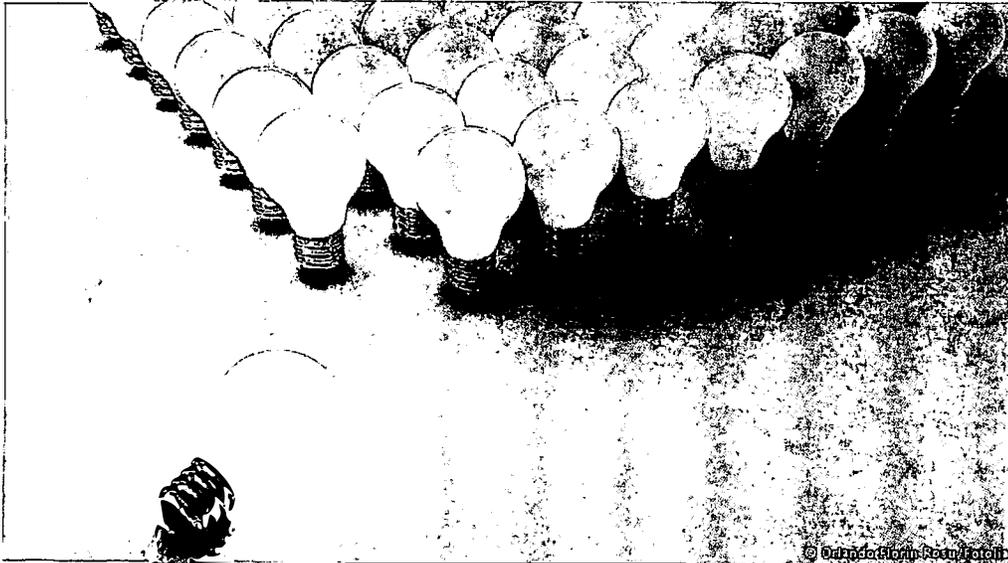
Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 01 Dec 2014

Source: *(The source is listed at beginning of this section)*



This week on Pulse, we meet innovators thinking outside the box and setting new trends. Students in Hanover have invented their very own sport, while entrepreneurs in southern Sweden have come up with a way to pay with the palms of people's hands. Plus, we meet the world's first skateboarding cop, and look at how a French duo reinvented the music video.

Host: Natalie Muller



PROGRAM PULSE

Pulse

[PROGRAM HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 24 Nov 2014

Source: *(The source is listed at beginning of this section)*



Amidst the reports of death and destruction in the Middle East, Pulse brings you some positive news. This week's show is all about young people working hard to create a more peaceful coexistence between Israelis and Palestinians - like an online activist in Tel Aviv who is demanding peace, a German human rights monitor in the West Bank and a passionate cook in Berlin with a recipe for peace.

Host: Anne-Sophie Brändlin



PROGRAM PULSE

Pulse

PROGRAM [HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)***Time aired on KNHC:** 4 : 30 AM (Pacific Time)**Duration:** 25 minutes**Date aired on KNHC:** 17 Nov 2014**Source:** *(The source is listed at beginning of this section)*



One man's trash...is another man's treasure. This week on Pulse we look at the hidden value of empty glass bottles, both in New Orleans and in Cologne. We also find out how German universities are dealing with their past - both the Holocaust and reunification - and coping with budget cuts.

Host: Anne-Sophie Brändlin



PROGRAM - PULSE

Pulse

[PROGRAM HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)*
Time aired on KNHC: 4 : 30 AM (Pacific Time)
Duration: 25 minutes
Date aired on KNHC: 10 Nov 2014
Source: *(The source is listed at beginning of this section)*



Electronic music is moving beyond the stereotype of one DJ with a laptop. More and more electronic groups are incorporating live instruments, acoustic performances and even elaborate stage concepts with visual art. Our special studio guests came all the way from Berlin to tell us more. Plus: an app that tells you where to party in Berlin and should we be partying for a good cause?

Host: Anne-Sophie Brändlin

[Listen to Pulse](#)



PROGRAM PULSE

Pulse

[PROGRAM HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 03 Nov 2014

Source: *(The source is listed at beginning of this section)*



The Internet is a permanent part of our everyday lives, but is that a good thing? On Pulse we discuss the pros and cons of digital technology - from smartphone and "selfie" addiction to virtually attending a gay pride parade and having your tweets embedded live on TV shows.

Host: Anne-Sophie Brändlin

[Listen to Pulse](#)



PROGRAM PULSE

Pulse

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)***Time aired on KNHC:** 4 : 30 AM (Pacific Time)**Duration:** 25 minutes**Date aired on KNHC:** 27 Oct 2014**Source:** *(The source is listed at beginning of this section)*



Join Pulse on a music safari! This week, studio guest Eric Sell tells us what it's like to play music from the slums as a white Namibian. Then we trek through the deserts of Africa and the tough streets of California, and we catch up with a jam band from New Zealand that's made it big in Germany.

Host: Anne-Sophie Brändlin

AUDIOS AND VIDEOS ON THE TOPIC

Listen to Pulse



PROGRAM PULSE

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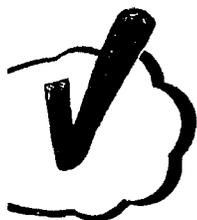
Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 20 Oct 2014

Source: *(The source is listed at beginning of this section)*



GOOD



AVERAGE

© Fotolia/fotoscool

Are you average? This week on Pulse we're celebrating the middle of the road, with a scholarship for average students and mean (as in average) statistics on your neighbors. We also meet a German student working to improve water quality in Uganda and hear from a young American booklover who's rethinking the way we read.

Host: Anne-Sophie Brändlin

[Listen to the show](#)



PROGRAM PULSE

Pulse

PROGRAM HOMEPAGE EPISODE PROFILE

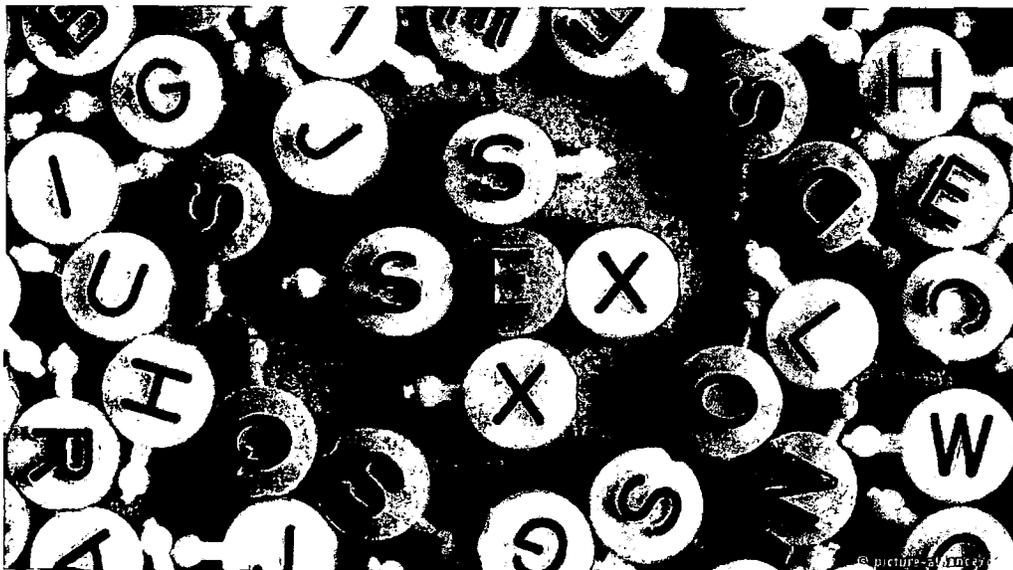
Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 13 oct 2014

Source: *(The source is listed at beginning of this section)*



What do ancient sex toys, typhoons, and social workers have in common? Here's a hint: it's all about education. We travel to England where teachers are using ancient erotic artifacts to educate students about sex. We accompany social work students in Berlin who swap the classroom for a refugee shelter. And we hear from a Polish lawyer teaching locals in the Philippines how to rebuild their homes.

Host: Anne-Sophie Brändlin

[Listen to the show](#)

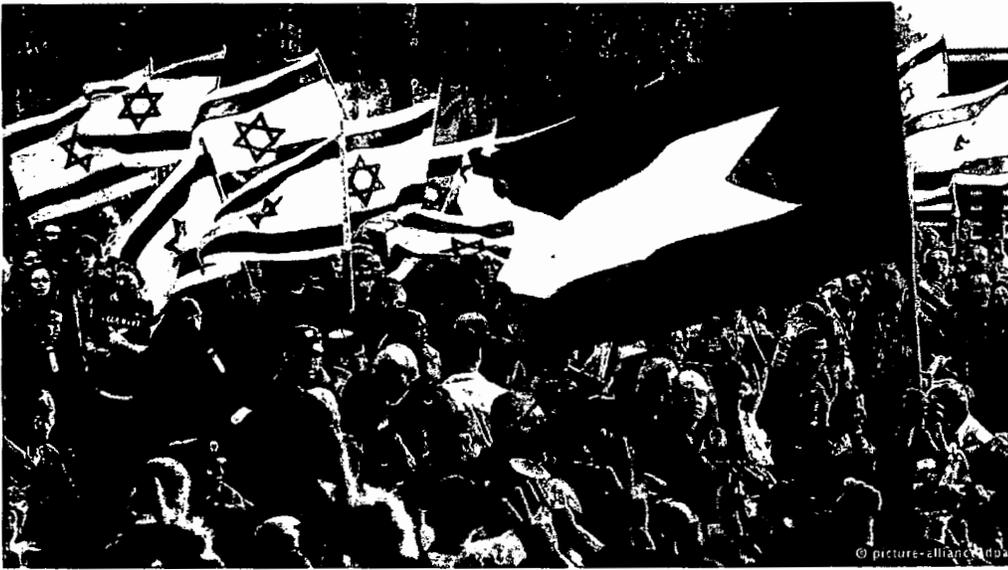


PROGRAM PULSE

Pulse

PROGRAM [HOMEPAGE](#) [EPISODE](#) [PROFILE](#)

Title: *(The title is listed on this page)*
Time aired on KNHC: 4 : 30 AM (Pacific Time)**Duration:** 25 minutes**Date aired on KNHC:** 06 Oct 2014**Source:** *(The source is listed at beginning of this section)*



Amidst the reports of death and destruction in the Middle East, Pulse brings you some positive news. This week's show is all about young people working hard to create a more peaceful coexistence between Israelis and Palestinians - like an online activist in Tel Aviv who is demanding peace, a German human rights monitor in the West Bank and a passionate cook in Berlin with a recipe for peace.

Host: Anne-Sophie Brändlin

TOPICS

An Israeli demands peace



Eliran Levy is a 28-year-old Israeli who recently founded the Facebook page "Israeli People Demand Peace." His goal is to show how much Israelis and Palestinians have in common and to put a human face on the conflict. He tells Pulse what he believes is the core issue in the conflict and what can be done to solve it.

Interview: Anne-Sophie Brändlin

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Volunteering in the West Bank



Simone Bareiss is a young German who is fighting for a peaceful coexistence between the Palestinian locals and Israeli settlers in the West Bank. She works as an international volunteer monitoring human rights violations. She tells Pulse about the everyday situation in the West Bank and how international volunteers can help.

Interview: Anne-Sophie Brändlin

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Generation Change: Cooking for Peace



Food might seem like an unusual approach to help solve the Israel-Palestine-conflict. But Berlin resident Ciska Jansen is determined to find a recipe for peace. She created a cooking class that aims to connect young adults from Israel, Palestine and Germany by focusing on similarities - like food - rather than political difference.

Report: Mim Philipson, Berlin

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Searching for peace at Austria's Peace Castle



Burg Schlaining, a castle in Austria, is at least 800 years old and has seen centuries of bloodshed and battle. But these days, it's known as the "Peace Castle." People from all over the world gather there to discuss peace and the prevention of bloodshed. At this year's summer academy, a group of young activists went on a quest for peace.

Report: Kerry Skyring

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

(Section 5.) Media Coverage of Current Events

All titles in this section are from WAMC National Productions/ Northeast Public Radio.

The Media Project

The Media Project #1230

Sunday, December 28, 2014 2:48 PM

(Airs 12/28 & 12/29) The Media Project is an inside look at media coverage of current events with Albany Times Union Editor Rex Smith, Daily Freeman Publisher Emeritus Ira Fusfeld, and Poughkeepsie Journal Executive Editor Stu Shinske. On this week's show they talk about New York City Mayor Bill De Blasio's comments about the press in light of the shooting deaths of two police officers, the year in review, and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 31 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1229

Sunday, December 21, 2014 2:30 PM

The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany Times Union Editor Rex Smith, and University at Albany Professor and Investigative Journalist Rosemary Armao. On this week's show they talk about the SONY hacking story, fake news stories, Camille Cosby blames the media for the latest news about her husband's, and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 24 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1228

Sunday, December 14, 2014 2:54 PM

(Airs 12/14 & 12/15) The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany Times Union Editor Rex Smith, and University at Albany Professor and Investigative Journalist Rosemary Armao. On this week's show they talk about *Rolling Stone* Magazine's University of Virginia gang rape story, Rosemary's trip to Jordan and the difficulties journalists face there, training young journalists today, and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 17 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1227

Sunday, December 07, 2014 2:29 PM

(Airs 12/7 & 12/8) The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany Times Union Editor Rex Smith, and Daily Gazette Editor Judy Patrick. On this week's show they talk about *Rolling Stone* Magazine's coverage of the gang rape case at the University of Virginia, whether rape victims should be named, the different media standards for the web, broadcast and print, and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 10 Dec 2014

Source: *(The source is listed at beginning of this section)*

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 03 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1226

Sunday, November 30, 2014 2:53 PM

(Airs 11/30 & 12/01) The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany *Times Union* Editor Rex Smith, and *Daily Gazette* Editor Judy Patrick. On this week's show they talk about coverage of Ferguson, digital newspaper circulation peaks, double standards in the press, and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 26 Nov 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1225

Sunday, November 23, 2014 2:41 PM

(Airs 11/23 & 11/24) The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany *Times Union* Editor Rex Smith, and University at Albany Professor and Investigative Journalist Rosemary Armao. On this week's show they talk about Al Sharpton calls NY Times coverage of him unfair, a discussion of how the media has covered Jonathan Gruber, your letters and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 12 Nov 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1223

Sunday, November 09, 2014 2:52 PM

(Airs 11/09 & 11/10/14) The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany *Times Union* Editor Rex Smith, and University at Albany Professor and Investigative Journalist Rosemary Armao. On this week's show they talk about media coverage of the elections, how to respond to listener/viewer criticism, and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 05 Nov 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1222

Sunday, November 02, 2014 2:43 PM

(Airs 10/26 & 10/27) The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany *Times Union* Editor Rex Smith, and *Poughkeepsie Journal* Executive Editor Stu Shinske. On this week's show they talk about coverage of Ebola, the alternative press in decline, whether circulation matters as much in the newspaper industry, and much more.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 29 Oct 2014

Source: *(The source is listed at beginning of this section)*

The Media Project #1221

Sunday, October 26, 2014 2:49 PM

(Airs 10/26 & 10/27) The Media Project is an inside look at media coverage of current events with WAMC's Alan Chartock, Albany *Times Union* Editor Rex Smith, and *Daily Freeman* Publisher Emeritus Ira Fufsfeld. On this week's show they talk about coverage of Ebola, a lack of journalism integrity at the *New York Post*, and much more.

(Section 6.) Non-Traditional Gender Roles in Industry

All titles in this section are from WAMC National Productions/ Northeast Public Radio.

51% Show #1325

Friday, December 12, 2014 6:32 AM

Title: *(The title is listed on this page)*

Time aired on KNHC: 5 : 00 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 13 Dec 2014

Source: *(The source is listed at beginning of this section)*

On this week's 51%, we'll hear a few thoughts from former President Jimmy Carter on gender equality. Then, Ebola has left thousands of orphans in one African country. From this, we'll try and face the music. And we'll get to know some women who are in male-dominated music professions.

51% Show #1323

Friday, November 28, 2014 6:38 AM

Title: *(The title is listed on this page)*

Time aired on KNHC: 5 : 00 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 29 Nov 2014

Source: *(The source is listed at beginning of this section)*

On this week's 51%, we'll hear from author and journalist Gail Sheehy about her memoir. Then it's off to France to hear about a man in a role traditionally for women. From there, we time travel, to Eden.

51% Show #1321

Friday, November 14, 2014 6:03 AM

Title: *(The title is listed on this page)*

Time aired on KNHC: 5 : 00 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 15 Nov 2014

Source: *(The source is listed at beginning of this section)*

On this week's 51%, you'll hear about a club for women in a predominantly male profession – automotive technology. Plus, we bring you the author of *Soldier Girls*, a book about women enlisted in the National Guard just months before the September 11, 2001 terrorist attacks. And you'll learn about why Brooklyn, Illinois could be on the map.

(Section 7.) Post-Teen Education Issues

All titles in this section are from WAMC National Productions/ Northeast Public Radio.

The Best of Our Knowledge

The Best Of Our Knowledge #1266

Tuesday, December 23, 2014 11:00 PM

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 30 Dec 2014

Source: *(The source is listed at beginning of this section)*

We've talked about some pretty important topics this year and as 2014 winds down we'd thought we'd take a couple of weeks and revisit some that really got your attention...and lit up our inbox.

We'll start with a show from February. Four or five decades ago, a college education wasn't worth that much. Sure, getting a degree opened a lot of doors and many parents encouraged their children to continue their education...but there were plenty of well paying jobs waiting for people with a high school diploma, or less. Today, that's not nearly the case.

~~Media files~~

~~3a_duncan-223.tif (GIF Image)~~

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 23 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Best Of Our Knowledge #1265

Tuesday, December 16, 2014 11:00 PM

43 years ago this month, President Richard Nixon signed the National Cancer Act of 1971, effectively starting the so-called War on Cancer.

The law greatly increased the amount of money earmarked for cancer research and scientific study. So, how's that war going?

Today on the Best Of Our Knowledge, a conversation with the chief science officer of the American Cancer Society about the past, present future of cancer research.

We'll also visit a high school in Niagara Falls that is devoting a lot of time and money into STEM education.

~~Media files~~

~~100-4110-103.JPG (JPEG Image)~~

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 16 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Best Of Our Knowledge #1264

Tuesday, December 09, 2014 11:00 PM

We've talked a lot about genetic testing on this program over the past year or so. The amount of data that can come from the human genome seems to be growing by the day.

And there are companies that are using that data to market genetic tests for home use. Today on the Best Of Our Knowledge, we'll hear about a test called 23 and Me...and find out why the FDA has banned it from being used as a genetic health screen in the US.

~~Media files~~

~~100default.jpg (JPEG Image)~~

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 09 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Best Of Our Knowledge #1263

Tuesday, December 02, 2014 11:00 PM

Even with all the innovations and new teaching techniques schools have introduced in the last few decades, the actual school day has looked pretty much the same. Students go to class, listen to a teacher and take notes, then are off to do homework or study for an exam. But there is a trend starting to take hold in some schools that reverses that school day. Today on the Best Of Our Knowledge, we'll hear about schools that are flipping classes...and how it has succeeded where other innovations have failed.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 02 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Best Of Our Knowledge #1262

Tuesday, November 25, 2014 11:00 PM

Moving from one temporary home to another with an occasional stint living in a car isn't exactly the roadmap to academic success. In fact, it makes it almost impossible. Today on the Best Of Our Knowledge, we'll hear the story of a homeless student in Washington State.

We'll also find out that all those times your teacher told you to sit up straight, well it was good advice. And we'll spend an academic minute separating the good exercise from the not so good.

~~Media files~~

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 19 Nov 2014

Source: *(The source is listed at beginning of this section)*

The Best Of Our Knowledge #1260

Wednesday, November 12, 2014 8:17 AM

Do you remember the movie "Mean Girls"? The screenplay to the 2004 film was written by Saturday Night Live and 30 Rock star Tina Fey, who also had a role in the film.

The movie was a worldwide hit and remains almost a cult favorite 10 years later. But did you know it was based on a non-fiction book called "Queenbees and Wannabees"? Now the author of that book has left the world of girls and has headed over to the boys.

Today on the Best Of Our Knowledge, a conversation with author Rosalind Wiseman about her book about boys' world: Masterminds and Wingmen.

~~Media files~~

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 11 Nov 2014

Source: *(The source is listed at beginning of this section)*

The Best Of Our Knowledge #1259

Tuesday, November 04, 2014 11:00 PM

Emory University in Atlanta is one of the top private universities in the US, with over 14 thousand students and an endowment in the billions.

And in the past few weeks its had something else of national importance: Ebola patients. Today on the Best Of Our Knowledge, we'll talk to some people behind the scenes of treating, and curing, patients with Ebola at Emory.

We'll also hear why the CDC pushing even harder for your school age kids to be vaccinated, follow a family from a life in the fields to life on campus.

Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 04 NOV 2014

Source: (The source is listed at beginning of this section)

The Best Of Our Knowledge #1258

Tuesday, October 28, 2014 11:00 PM

The advances made in the past decade or so in genetic testing have been astounding...and research in this area continues to go forward in labs and universities across the country. But there's another place genetic tests are starting to pop up: homes. Today on the Best Of Our Knowledge, we'll hear about the growth of in-home genetic testing and why this do it yourself trend may not always be a good idea.

We'll also hear the story of a couple a veterans who are using training of the mind to leave the battles of war behind.

Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 28 Oct 2014

Source: (The source is listed at beginning of this section)

The Best Of Our Knowledge #1257

Tuesday, October 21, 2014 11:00 PM

It takes a lot to survive a zombie apocalypse: speed, endurance, cunning...and apparently a working knowledge of calculus.

Today on the Best Of Our Knowledge, we'll talk to the author of the new novel *Zombies and Calculus* and see why surviving a zombie attack takes brains.

We'll also hear an essay about running away from your school bully straight into adolescence. I'll talk to a Florida ROTC teacher who recently wrote a book about how to get into the college of your choice...and pay for it.

(Section 8.) Public Library Offerings

All titles in this section are from WAMC National Productions/ Northeast Public Radio.

The Book Show #1374 - Bill T. Jones

Tuesday, November 18, 2014 12:06 PM

Dancer, choreographer, and director Bill T. Jones reflects on his art and life in his new book: *Story/Time*. The book is filled with telling vignettes--about Jones's childhood as part of a large, poor, Southern family that migrated to upstate New York; about his struggles to find a place for himself in a white-dominated dance world; and about his encounters with notable artists and musicians.

Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 20 Nov 2014

Source: (The source is listed at beginning of this section)

The Book Show #1373 - Diane Ackerman

Tuesday, November 11, 2014 12:06 PM

Diane Ackerman is the author of the books: *One Hundred Names for Love*, *A Natural History of the Senses*, and *The Zookeeper's Wife*. In her latest book, *The Human Age*, she offers some optimism for our planet and explores the ways people are shaping the modern world, and argues for a new understanding of our relationship with the environment and our own bodies.

Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 13 Nov 2014

Source: (The source is listed at beginning of this section)

The Book Show #1372 - Maureen Corrigan

Tuesday, November 04, 2014 12:06 PM

The Great Gatsby by F. Scott Fitzgerald is a revered classic and a rite of passage in the reading lives of millions. In her new book, *So We Read On*, *Fresh Air* book critic Maureen Corrigan offers a fresh perspective on what makes *Gatsby* great – and utterly unusual.

Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 06 Nov 2014

Source: (The source is listed at beginning of this section)

The Book Show #1371 - Chrysler Szarlan

Tuesday, October 28, 2014 12:06 PM

Chrysler Szarlan's debut novel, *The Hawley Book of the Dead*, introduces us to Revelation Dyer. Together, she and her husband Jeremy have three daughters, a beautiful home, and a world-famous Las Vegas magic act.

But Reve has many secrets, secrets that have not only shaped her past but now threaten her family.

Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 30 Oct 2014

Source: (The source is listed at beginning of this section)

The Book Show #1370 - Martin Amis

Tuesday, October 21, 2014 12:06 PM

In what is being called by critics, the greatest novel of his career, Martin Amis' latest, *The Zone of Interest*, provides a searing portrait of life – and, shockingly, love – in a concentration camp.

In the novel, the stories of the commander of the camp, the nephew of Hitler's secretary, and a prisoner at the camp, all converge.

Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 23 Nov 2014

Source: (The source is listed at beginning of this section)

The Book Show

The Book Show #1379 - Garrison Keillor

Tuesday, December 23, 2014 12:06 PM

Garrison Keillor is a storyteller, humorist, essayist, newspaper columnist, screenwriter, poet and broadcaster.

Now a single volume brings together the full range of his work: essays, stories, excerpts from novels and newspaper columns.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 25 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Book Show #1378 - Charles M. Blow

Tuesday, December 16, 2014 12:06 PM

Charles M. Blow has been a columnist at the *New York Times* since 2008. He is known for penning intensely personal pieces and now tells his extraordinary life story in his memoir, *Fire Shut Up in My Bones*.

The book explores racial, spiritual and sexual complexities and is Blow's coming of age story of psychic survival and self invention.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 18 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Book Show #1376 - Carl Hiaasen

Tuesday, December 02, 2014 12:06 PM

Carl Hiaasen writes a regular column for the *Miami Herald* and is the author of many bestselling novels including *Star Island* and *Bad Monkey* for adults and *Hoot*, *Chomp*, *Scat*, and *Flush* for young readers. His latest, *Skink - No Surrender* is his first novel for teens.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 04 Dec 2014

Source: *(The source is listed at beginning of this section)*

The Book Show #1375 - Siri Hustvedt

Tuesday, November 25, 2014 12:06 PM

With *The Blazing World*, internationally best-selling author Siri Hustvedt returns to the New York art world telling the provocative story of the artist Harriet Burden.

After years of watching her work ignored or dismissed by critics, Burden conducts an experiment she calls Maskings: she presents her own art behind three male masks, concealing her female identity.

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 27 Nov 2014

Source: *(The source is listed at beginning of this section)*

(Section 9.) Trends In Technology

All titles in this section are from Deutsche Welle.



PROGRAM SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
 Time aired on KNHC: 4 : 30 AM (Pacific Time)
 Duration: 25 minutes
 Date aired on KNHC: 26 Dec 2014
 Source: *(The source is listed at beginning of this section)*



We'd like to say we've got a science and technology Christmas special in store for you ... but instead we've got mad sounds ... 4D sounds. We also take a look back at the social media year that was. And we cook a goose.

Produced and presented by Zulfikar Abbany

TOPICS

Freshly printed decorations



It's hard to believe but the 3D printer was invented nearly 30 years ago. As the technology becomes cheaper and easier to use, 3D printers are coming out of the research labs and into the high street. So we're printing Christmas decorations.

Report: Kate Hairsine, Karlsruhe

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

Mad sounds in 4D



And so we go from 3D to 4D. The 4D sound system allows you to experience music or other sounds in 3 dimensions, plus the 4th dimension, which is time. It goes beyond stereo or surround sound, placing sound in a physical space. But is it a gimmick?

Report: Carl Nasman, Amsterdam

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Social media: The year that was 2014



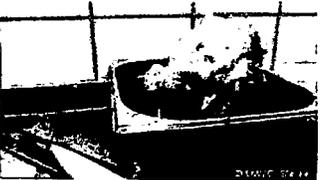
It was a year in which we couldn't avoid or ignore the power of social media. Some people may even say it came into its own in 2014 with a number of strong political campaigns. DW social media editor Chiponda Chimbelu on the year that was.

Interview: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

How to cook a goose ... and survive



The holidays are a time of love, family togetherness and, let's face it ... arguing over cooking. If you're not the most natural of cooks but still want to try, you should learn up on the science of cooking. Because it's cook well - or get unwell.

Report: Carla Bleiker, Bonn

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Closing music: "The Main Frame" by Zulfikar Abbany



PROGRAM SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

Title: (The title is listed on this page)
Time aired on KNHC: 4 : 30 AM (Pacific Time)
Duration: 25 minutes
Date aired on KNHC: 19 Dec 2014
Source: (The source is listed at beginning of this section)



Meet the healthcare workers training to fight Ebola. Check in with DevLab, a startup helping startups. And find out how Italy is looking after Leonardo (da Vinci)... and one of the most revered selfies in the world.

Produced and presented by Zulfikar Abbany

TOPICS

You're no use if you're sick



The international group Médecins Sans Frontières has been a leader in responding to the Ebola outbreak in West Africa. Its staff is busy on the ground. But they are also training healthcare workers how to help Ebola victims - and protect themselves.

Report: Lisa Bryant, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

Thalidomide: battle for justice



Five decades on, the battle for justice over birth defects caused by the drug Thalidomide continues in only one European country: Spain. Thalidomide was prescribed to pregnant women in the 1950s and 60s, before doctors realized it caused severe birth defects.

Report: Lauren Frayer, Madrid

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

DevLab: a startup's startup



It's a startup that aims to help other startups by making it easier for them to access hardware so they can test their new ideas. DevLab's founder, Calypso Harland, says getting the right hardware can be tricky for a startup on a budget.

Interview: Zulfikar Abbany, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Looking after Leonardo



In the north Italian city of Turin, a rare exhibition called "Leonardo and the King's Treasures" features as its main attraction Leonardo da Vinci's self-portrait. It's seldom on show because displaying it is such a risky and costly business.

Report: Dany Mitzman, Turin

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Closing music: "The Main Frame" by Zulfikar Abbany

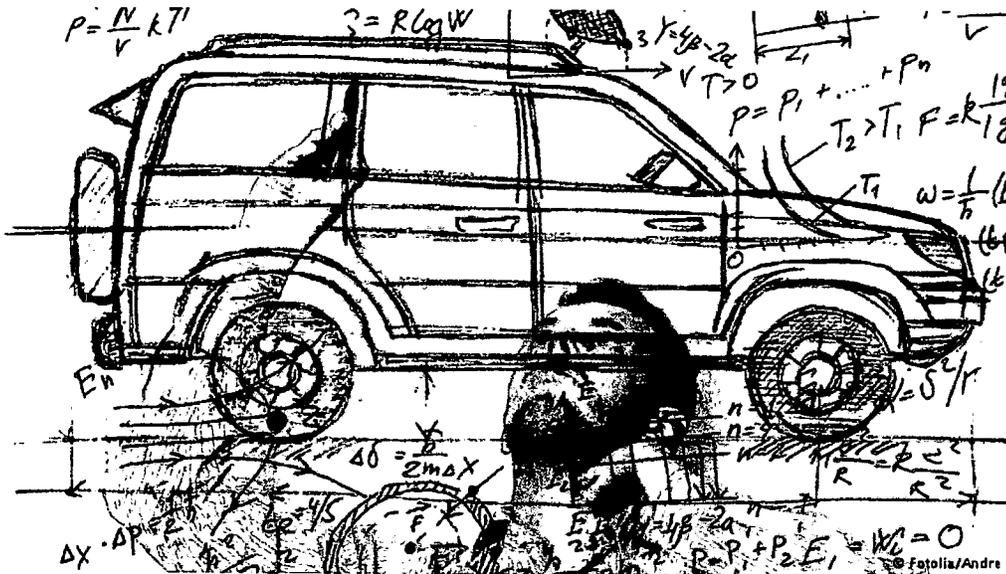


PROGRAM SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

 Title: *(The title is listed on this page)*
Time aired on KNHC: 4 : 30 AM (Pacific Time)Duration: 25 minutesDate aired on KNHC: 12 Dec 2014Source: *(The source is listed at beginning of this section)*

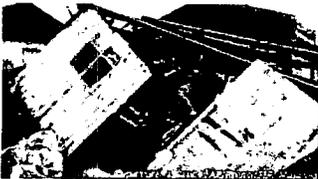


Disaster relief is not only about food and shelter - communications and the Internet are top priorities, too, and we found out how mesh networks can help. Also, Estonia's E-residency, and the science of tears.

Produced and presented by Zulfikar Abbany

TOPICS

First aid: tents, telephones, Internet



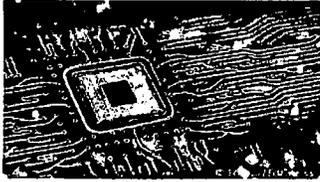
Aid agencies often complain there's too little relief after natural disasters in the form of food and shelter. But more and more, relief workers say we need to set up basic communications networks as a top priority.

Report: Richard Murie

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

Estonia e-residency



Can you imagine a country being able to double the size of its economy, almost at the touch of a button, or the click of a mouse. The tiny Baltic state of Estonia aims to do just that - it's become the first country to offer foreigners "e-residency."

Report: Stephen Beard

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

startup=technology=internet=gadgets=cool?



Startup, entrepreneur, technology: three of the most overused words. Most new businesses are just businesses that happen to be on the Net. They have little to do with technology or innovation. But Bjoern Herrmann of startupCompass.co says we need them.

Interview: Zulfikar Abbany, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Science of tears



Some of the latest research suggests shedding a tear helps us to release natural pain killers and makes us feel better. But there's still a lot of debate on what exactly makes us cry, and why some people cry more than others.

Report: Stuart Holdsworth

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)



PROGRAM SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

 Title: *(The title is listed on this page)*
Time aired on KNHC: 4 : 30 AM (Pacific Time)Duration: 25 minutesDate aired on KNHC: 05 Dec 2014Source: *(The source is listed at beginning of this section)*



Sometimes society fixes itself. And sometimes society needs a little help from technology. So this week, hear about an ultrasound machine that's GPS trackable. Also: Copenhagen's Lighting Lab. And Bhopal 30 years on.

Produced and presented by Zulfikar Abbany

TOPICS

An end to sex determination?



Ultrasound machines are used in pre-natal care. But they are also used (anonymously) by doctors and parents who engage in "sex determination" - often leading to female feticide - in India. This new technology may make it easier to track them down.

Report: Murali Krishnan, Hyderabad

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

The obesity-cancer link



A new global study - the first of its kind - suggests obesity leads to cancer to the tune of half a million cases per year. The International Agency for Research on Cancer's Dr Melina Arnold, a co-lead author, walks us through the figures.

Interview: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Copenhagen Lighting Lab



A large scale experiment hopes to ensure the world's cities use more efficient street lighting to reduce carbon emissions. It's called the Danish Outdoor Lighting Lab in Copenhagen and features cutting-edge smart lamps that adapt as we move about.

Report: Malcolm Brabant, Copenhagen

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Bhopal 30... and counting



It is 30 years since the Bhopal gas leak. Tens of thousands are estimated to have died. About 100,000 say they are still suffering. Many locals believe the groundwater, contaminated by toxic waste, is creating a whole new generation of victims.

Report: Aletta André, Bhopal



PROGRAM SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

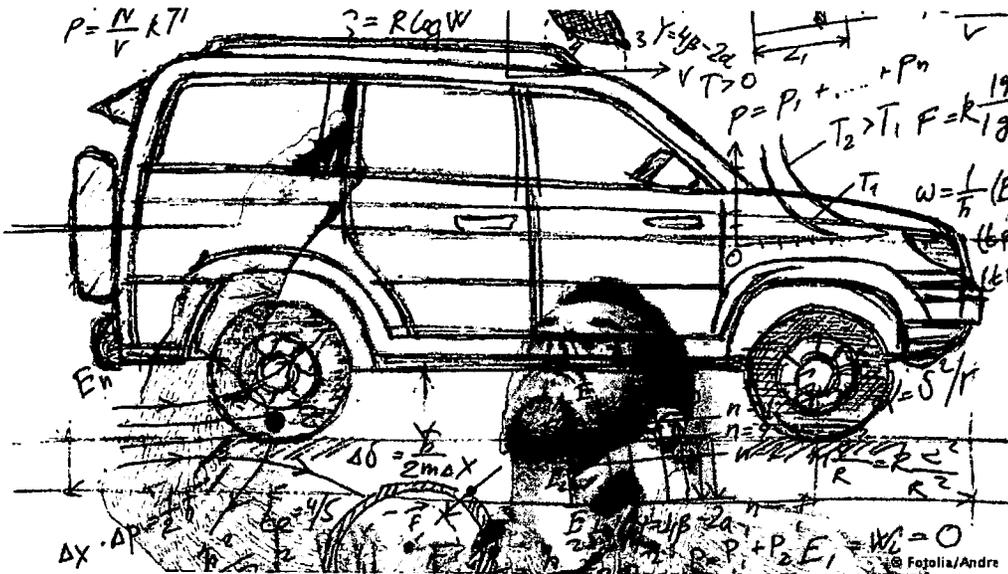
Title: (The title is listed on this page)

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 28 Nov 2014

Source: (The source is listed at beginning of this section)



We ask: what are the ethics of giving a placebo to participants of a HIV prevention drug trial. We're back on the net neutrality tip. And we have flying cars... but will they ever take off in Europe?

Produced and presented by Zulfikar Abbany

TOPICS

HIV drug dilemma



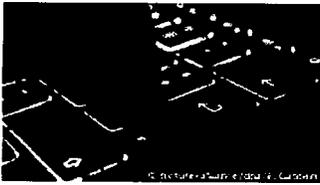
Testing the efficacy of the HIV prevention treatment PREP (Pre-Exposure Prophylaxis), using the drug Truvada, is posing European researchers with a host of dilemmas - one being that healthcare systems appear hesitant to subsidize its wider use.

Report: Nik Martin, London and Lyon

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

A deal on net neutrality



The issue of net neutrality affects us all - it's about how we access the Internet. Roberto Viola, deputy director general of DG Connect, which oversees the European Union's Digital Agenda, says it's hard to say when Europe will reach a deal.

Interview: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Mapping the world's oceans



Technology has done a lot of damage, but it's also good for fixing things - and learning about them. Take the oceans. Only about five percent of the sea floor has been mapped. But in the age of satellites, robots and computers, we're learning more.

Report: Sandy Hausman, Maryland, USA

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Will flying cars ever take off?



Slovakian company, AeroMobil, says it's brought a future of flying cars one step closer with its AeroMobil 3.0. But skeptics warn we'd be wise to keep our expectations low - they don't see flying cars as taking off anytime soon.

Report: Laura Postma, Bratislava



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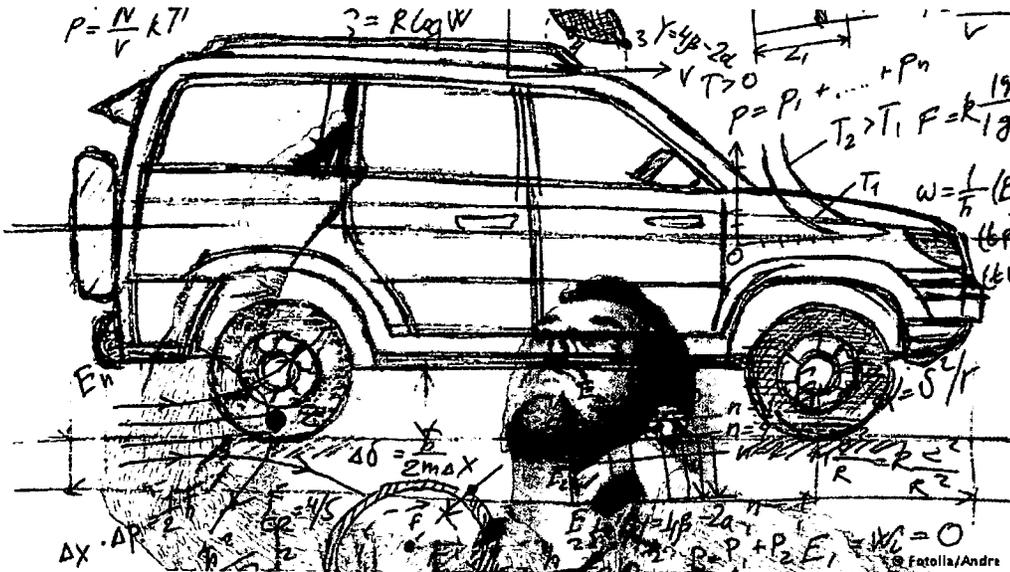
Title: *(The title is listed on this page)*

Time aired on KNHC: 4:30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 21 Nov 2014

Source: *(The source is listed at beginning of this section)*



Yep, we're going down, into the sewers, that is... where scientists think they can detect bomb factories. Also on the program: that old chestnut, net neutrality. And we shine a light on bike paths in The Netherlands.

Produced and presented by Zulfikar Abbany

TOPICS

Down detecting detonators



Scientists says some of the most recent "homegrown" acts of terrorism, or bombings, may have been detected if authorities had had the latest technology - that is, bomb factory detecting technology developed in (the sewers of) Sweden.

Report: Richard Murie, Leeds

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Naively thinking net neutrality?



Net neutrality - the idea that all data on the Net should be treated equally - is back on the agenda. US President Barack Obama wants tougher regulation, and Europe's Digital Agenda is in the hands of a new European Commission. So how are we placed?

Interviews: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interviews](#)

Show me the way



The Netherlands is known for its extensive network of bicycle lanes and they have just seen a number of innovations. It's great for science and technology, and it's great for the environment, even health. But it's also great for competition.

Report: Suzanna Koster, Eindhoven

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

On the yoga tip in Nairobi



Staying on a health tip, we go from bikes to yoga. Yoga is a large part of the growing wellness industry in many countries and is now practiced in many different forms. Some people say it can cure all kinds of ailments. Can it?

Report: Tanya Castle, Nairobi



PROGRAM / SPECTRUM

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PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 14 Nov 2014

Source: *(The source is listed at beginning of this section)*



Special Envoy on Ebola Dr David Nabarro is open to a review of the response in West Africa, but says now's not the time. Also, India's health industries boast a potential market buster. And the Arduino-based Gamebuino.

Produced and presented by Zulfikar Abbany

TOPICS

'Super keen' for Ebola probe



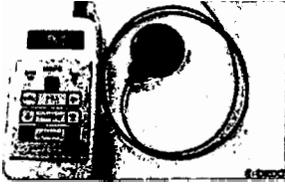
The United Nation's Special Envoy on Ebola, Dr David Nabarro, has told us it will be next year before health officials are able to stop the outbreak in West Africa. But that's beyond the UN's goal of getting the outbreak "under control" by December 1.

Interview: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the interview

Another potential market buster?



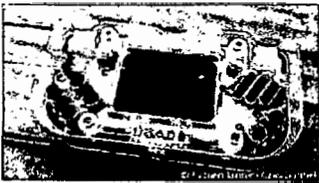
India's homegrown research industry seems to go from strength to strength. Researchers say they are close to clinical trials for a low-cost cochlear implant, which may launch within a year and help thousands.

Report: Murali Krishnan, New Delhi

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Gamebuino console for makers



It's no secret the French economy is down. But that doesn't mean the French are out of ideas. Some smaller cities are especially dynamic with new technology. Saint-Étienne is one of them and it's where the inventor of the Gamebuino met our reporter.

Report: Fabien Jannic-Cherbonnel, Saint-Étienne

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Apps to the people!



Have you ever asked yourself why you can't vote on your smartphone? The idea isn't so far fetched. Pia Mancini, a young politician from Argentina, has come up with a way - a open source software platform called DemocracyOS.

Report: Michael Scaturro, Buenos Aires

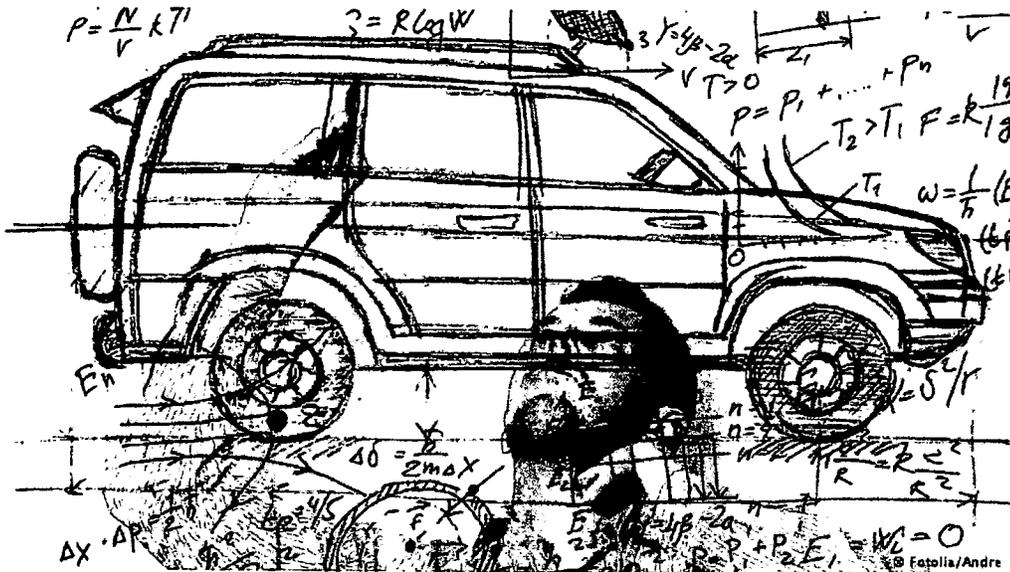
AUDIOS AND VIDEOS ON THE TOPIC



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PROGRAM HOMEPAGE EPISODE PROFILE

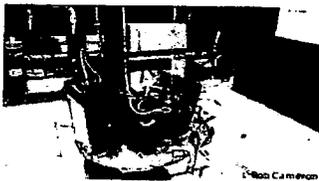
Title: *(The title is listed on this page)*Time aired on KNHC: 4 : 30 AM (Pacific Time)Duration: 25 minutesDate aired on KNHC: 07 Nov 2014Source: *(The source is listed at beginning of this section)*

We have cosmic radiation and a look at how Czech scientists want to detect it and why we should care. Also on the program, the trouble with telephones and sound quality. And the selfie lice attack that's gone viral.

Produce and presented by Zulfikar Abbany

TOPICS

Space is risky



Czech scientists want to know more about cosmic radiation and how it affects astronauts and pilots. They have launched a probe with a specially developed nanobiosensor, designed to test the effects of cosmic radiation on DNA.

Report: Rob Cameron, Brno

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

Cyber security conference



Cyber security is something that bothers companies more than individuals. But experts meeting at the Cyber Security Summit say they are working to protect us - companies and countries - in this increasingly digital, networked world.

Interview: Zulfikar Abbany / Fabian Schmidt

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Sorry, you're cracking up



While Skype and FaceTime continue to improve the quality of calls, the phone itself...well, it's stuck in the past. Telecoms giants have touted big improvements like HD Voice, and met interoperability issues. The solution may be Voice over LTE.

Report: Michael Scaturro, Berlin

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Lice-selfie conspiracy



A Russian consumer rights bureau is warning teens that the craze for selfies is spreading head lice. From Russia with love, the news has been circulating in German media. But where did it start and is it true?

Report: Sonya Diehn

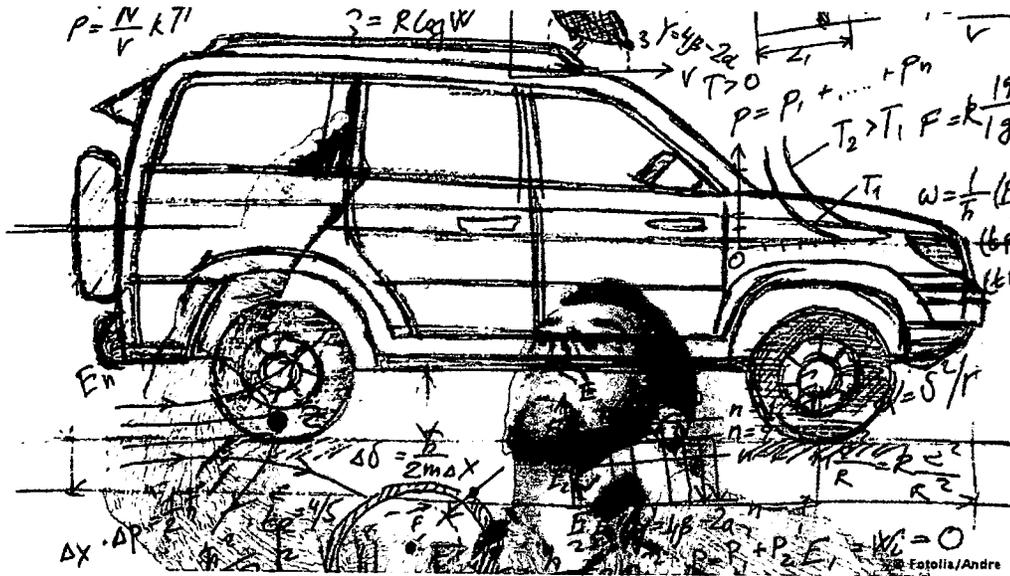


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Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
 Time aired on KNHC: 4:50 AM (Pacific Time)
 Duration: 25 minutes
 Date aired on KNHC: 31 Oct 2014
 Source: *(The source is listed at beginning of this section)*



Can legislation to protect doctors from litigation encourage innovation in drug research, or would it be a death trap? We also find out what tech entrepreneurs in Europe need to learn from "pushy" North Americans.

Produced and presented by Zulfikar Abbany

TOPICS

Medical Innovation Bill = innovation?



Legislation proposed by Lord Saatchi in Britain may see doctors treat terminal patients with unlicensed drugs. Supporters say the law would protect doctors from litigation, lead to innovation and new treatments for diseases like cancer. But would it?

Report: Lars Bevanger, Manchester

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

Time for Europe!



It's about time we put our innovation where our mouth is: we should startup here, not in the US! Is it a matter of faith? For Lucy Stonehill, founder and CEO of BridgeU, it's a matter of faith, conviction and pragmatism. But she chooses Europe.

Interview: Zulfikar Abbany, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Co-working health conundrum



Co-working spaces seem to be getting more and more common in our digital age. They attract talented people - programmers, tech entrepreneurs. But they can be lonely places if you don't get everyone working together. And that's the thorny challenge.

Report: Michael Scaturro, Berlin

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Still great tech (after all these years)



What if the nearest school was hundreds of kilometers from your home? In Australia, some kids grow up in very remote locations. They go to the School of the Air, an Australian invention that in over 60 years has hardly had to update its technology.

Report: Clare Atkinson, Alice Springs



PROGRAM SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*Time aired on KNHC: 1 : 30 AM (Pacific Time)Duration: 25 minutesDate aired on KNHC: 24 Oct 2014Source: *(The source is listed at beginning of this section)*

The new commissioners are in Brussels, talking digital startups, entrepreneurs, and there are words of warning from the old guard. Also, the Berlin Grindr art row. And why we need natural specimens for hundreds of years.

Produced and presented by Zulfikar Abbany

TOPICS

Europe's new guard off-guard?



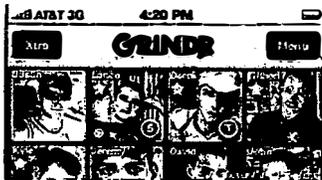
The European Union is about to get a new executive. Boring? Yes, we know... But you wouldn't say that about the portfolios of science, innovation and the digital agenda if you knew some of the things the new guard, like Günther Oettinger, have said.

Report: James Panichi, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

Berlin Grindr art row



In Berlin, an art project using sex chat app, Grindr, has set off a storm. Earlier this month, a Dutch artist projected his Grindr chats onto a screen on a city square. An American, who went over to the space, has threatened legal action.

Report: Michael Scaturro, Berlin

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

How useful is a code against cancer?



If we handed you a European Code Against Cancer, what would you do? Would you read it? Health experts say prevention is the key to cancer. The International Agency for Research on Cancer's Dr Christopher Wild told us why we need a code.

Interview: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Why we need natural specimens



Natural history museums are great. They offer a mix of entertainment and easy to understand information that make science education fun. But their primary purpose is another – they are vast storehouses of scientific specimens.

Report: Kate Hairsine, Karlsruhe



PROGRAM · SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*

Time aired on KNHC: A : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 17 Oct 2014

Source: *(The source is listed at beginning of this section)*



We turn our attentions away from big news diseases (Ebola) to a small news disease called polio. And we ask what we're doing on vaccines, and why it can re-emerge. Also, the journalist's guide to technology in Brussels.

Produced and presented by Zulfikar Abbany

TOPICS

Needles, no drops



There is no cure for polio, a disabling disease that persists in Afghanistan, Pakistan and Nigeria. And it spreads to countries thought to be polio-free. Health experts say we need to move away from the common oral vaccine to an injectable one.

Report: Brigitte Osterath, Kathmandu

AUDIOS AND VIDEOS ON THE TOPIC

Listen to the report

Conflict and polio



Polio is on the rise in countries at conflict, such as Syria and Iraq. The disease was eradicated there 14 years ago. But regional conflict and a breakdown in public health services have brought polio back and, again, children are at risk.

Report: Reese Erlich, Erbil, Iraq

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Is there a doctor in the house?



Greece has had its fair share of economic struggles. But it hasn't dampened everyone's sense of inspiration and motivation. Take Eleftheria Zourou, a founder of doctoranytime.gr. In Brussels for a startup conference, Zourou spoke to Spectrum.

Interview: Zulfikar Abbany, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Journalists: hooked on tech?



You would be hard-pressed to find a journalist who was not fully wired up and wielding at least two or three gadgets. But have reporters become too reliant on the technology at their disposal?

Report: James Panichi, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

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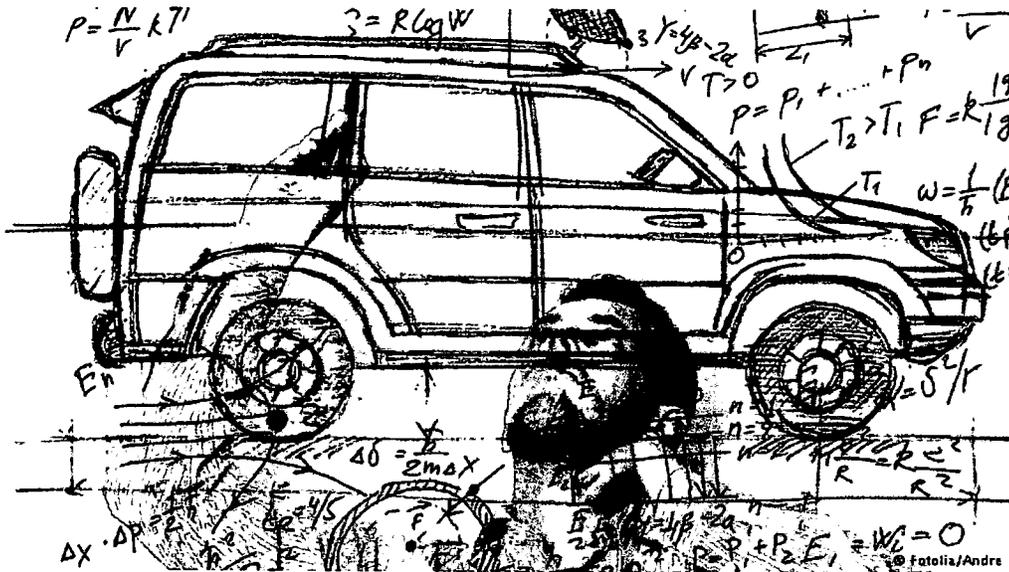
Title: *(The title is listed on this page)*

Time aired on KNHC: 4 : 30 AM (Pacific Time)

Duration: 25 minutes

Date aired on KNHC: 10 Oct 2014

Source: *(The source is listed at beginning of this section)*

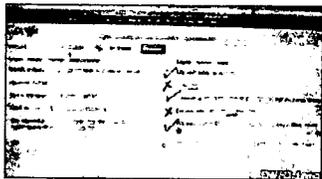


We're asking whether technology will spell the end for translators in Brussels...Also, digital pioneer, Ninja Tune's Matt Black on today's noise to signal ratio. And a new wave of computer games that doesn't involve guns.

Produced and presented by Zulfikar Abbany

TOPICS

Googled out of a job



If you're planning a career as a translator, you may want to think again. All translation will be done by machines by 2027. At least that's the year some japesters in Brussels say technology will make the city's army of interpreters redundant.

Report: James Panichi, Brussels

AUDIOS AND VIDEOS ON THE TOPIC

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Depression games



Computer games are apparently turning teenagers into anti-social droids. But a new generation of games developers is setting out to prove computer games can be a tool to get to grips with complex issues such as grief and depression.

Report: Lars Bevanger, Mariefred, near Stockholm

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Is everything under control?



It's often said technology has the power to democratize everything from politics to creativity. Matt Black, electronic music, video and software pioneer, says it's true. The problem is the "noise to signal ratio" makes it harder to get noticed.

Interview: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Self-confessed "selfie addict"



Danny was the world's first self-confessed "selfie addict." He's now helping others cope with technology addiction and mental illness. But he says many mental health professionals, including his own parents, find it hard to make the link.

Report: Ashley Byrne, northern England

AUDIOS AND VIDEOS ON THE TOPIC

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PROGRAM SPECTRUM

Spectrum

PROGRAM HOMEPAGE EPISODE PROFILE

Title: *(The title is listed on this page)*
 Time aired on KNHC: 4 : 30 AM (Pacific Time)
 Duration: 25 minutes
 Date aired on KNHC: 03 Oct 2014
 Source: *(The source is listed at beginning of this section)*



India's unstoppable space ambition: students are building a satellite to predict earthquakes. We speak to Professor Ron Fouchier on the challenges of influenza research, and we've a computer that speaks "Wienerisch."

Produced and presented by Zulfikar Abbany

TOPICS

@CERN's 60



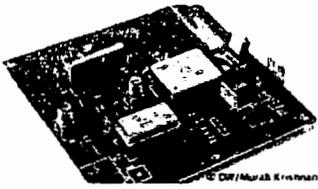
A happy, happy 60th birthday to the people at CERN! Its director Rolf-Dieter Heuer tells us, with the Large Hadron Collider about to restart, the scientists in Geneva want to see "collisions, collisions, collisions."

Reporter: Fabian Schmidt

AUDIOS AND VIDEOS ON THE TOPIC

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India's earthquake predicting satellite



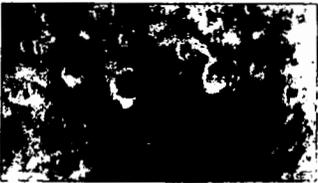
Despite progress in the area of early-warning systems for earthquakes, scientists have been unable to measure earthquakes before they begin. But a satellite project in Chennai could be a first in earthquake prediction.

Report: Murali Krishnan, Chennai

AUDIOS AND VIDEOS ON THE TOPIC

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Mars One: will it ever happen?



While India's Mars mission has reached its orbit of the Red Planet, various private firms are planning manned landings on Mars. One of them is the Mars One project. But some are saying the mission is unlikely to ever get off the ground.

Report: Stephen Beard, London

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the report](#)

Influenza: from lab to you?



Can laboratory research increase the risk of an infectious disease spreading among the public? Take influenza, for instance, as a new flu season starts. Ron Fouchier, professor of molecular virology at the Erasmus Medical Center, has some answers.

Interview: Zulfikar Abbany

AUDIOS AND VIDEOS ON THE TOPIC

[Listen to the interview](#)

Computer speaks 'Wienerisch'



Computers, smartphones, satnavs, lifts... they all speak to us. And sometimes we have to speak to them. But how well are we communicating? Can artificial voices better echo the diversity of everyday speech, dialects and accents?

Report: Kerry Skyring, Vienna

AUDIOS AND VIDEOS ON THE TOPIC