QUARTERLY LIST OF COMMUNITY ISSUES AND RESPONSIVE PROGRAMS

October 1, 2020 through December 31, 2020

In an ongoing effort to serve the public interest, KZLS-AM and its owner, Chisholm Trail Broadcasting Inc., offer a variety of programming responsive to the issues of concern to the listening audience. Below is a list of the station's most significant programming treatment of those issues for the period of October 1, 2020 through December 31, 2020

During the fourth quarter of 2020 the following compliancy issues were covered:

Agriculture
American Culture
Child Abuse/Neglect
Child Welfare System
Children/Youth at Risk

Children/Youth at Clinical Trials

Constitutional Rights

Consumerism & Consumer Safety

Criminal Justice Culture & the Arts Data Science Disabilities

Discrimination & Racism Domestic Violence Death & Grief Economics Education

Elderly & Senior Citizens

Employment & Workplace Issues

Environment Ethics

Family & Parenting Issues
Federal Government

Health Care

Hunger/Food Insecurity

Immigration

Infectious Disease Local Government Mental Health

Military Science/National Defense

Natural Disasters

Neurology

Organ Transplants
Pets & People

Police & Justice System

Pollution
Poverty
Prevention
Prisons
Psychology
Public Health
Public Safety
Research
Science

State Government Substance Abuse Technology Unemployment Vaccination Volunteerism Women's Issues

See weekly logs below for segment dates, titles, topics, guests & duration.



Progra	ım: 20-40	Writers/Producers:	Reed Pence	
Air Week: 10/4/20		Studio Production:	Jason Dickey	
Time	Segment			Dur.
1:50	SEGMENT 1: FO	OD INSECURITY IN 2020		12:54

Synopsis: An estimated 35 million people were food insecure last year, and the dislocations due to COVID-19 have made it much worse now. Experts discuss the health consequences of hunger, the strategies families are using to cope with economic dislocation, and one local effort typical of new volunteer programs to feed hungry children in need.

Host & Producer: Reed Pence.

Guests:

- Jessica Hager, Director of Health and Nutrition, Feeding America
- Dr. Jagdish Khubchandani, Professor of Public Health, New Mexico State University
- Margaret Norris, kindergarten teacher, Arcola Elementary School, Silver Spring

Compliancy issues covered: public health; hunger and food insecurity; economics; poverty; children at risk; education; volunteerism; federal government; COVID-19 Pandemic

Links for more information:

- https://www.feedingamerica.org/
- https://scholar.google.com/citations?user=9yB0CvMAAAAJ&hl=en
- https://www2.montgomeryschoolsmd.org/schools/arcolaes/

15:46 SEGMENT 2: VIRTUAL CLINICAL TRIALS

7:12

Synopsis: Researchers see the new acceptance of telemedicine as an opportunity during clinical trials. Along with Zoom visits, numerous sensors on participants could provide constant monitoring of health conditions without traveling to see doctors, making control better.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

• Glen DeVries, Co-CEO and Co-Founder, Medidata Solutions

Compliancy issues covered: health care; public health; science; technology; COVID-19 Pandemic; research; clinical trials

Links for more information:

https://www.medidata.com/en/leadership/



Progra	am: 20-41	Writers/Producers: Reed Pence	
Air Week: 10/11/2020 Studio Production: Jason I		Studio Production: Jason Dickey	
Time	Segment	·	Dur.
1:45	SEGMENT 1: WILI	13:31	

Synopsis: A COVID-19 vaccine is on the horizon, but while billions have been spent on its development, little has been spent on distribution and there are still many unanswered questions. Experts discuss how vaccine distribution might be carried out, how long it's likely to take, and the steps needed to make it work.

Host & Producer: Reed Pence.

Guests:

- . Dr. Kelly Moore, Associate Director for Immunization Education, Immunization Action Coalition
- Dr. William Schaffner, Professor of Preventive Medicine and Infectious Diseases, Vanderbilt University Medical Center
- Dr. Marcus Plescia, Chief Medical Officer, Associate of State and Territorial Health Officials

Compliancy issues covered: public health; prevention; consumerism; federal and state government; vaccination; COVID-19 Pandemic; infectious disease

Links for more information:

- https://www.immunize.org/
- https://www.vumc.org/health-policy/person/kelly-l-moore-md-mph
- https://www.astho.org/StatePublicHealth/ASTHOs-New-CMO-Brings-Clinical-Perspective-to-Public-Health/01-04-18/

16:18 SEGMENT 2: SEARING PAIN IN THE FACE: TRIGEMINAL NEURALGIA

6:37

Synopsis: A searing, stabbing pain on one side of the face can be so severe it's sometimes called "the suicide disease," and may evade diagnosis. Trigeminal neuralgia is often caused by a throbbing artery in contact with nerves at the base of the brain. Treatment can be difficult though often ultimately successful. Two experts discuss.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

- Dr. Mark McLaughlin, Princeton Brain and Spine, Princeton, NJ
- Dr. Jeffrey Brown, neurosurgeon, NYU Winthrop Hospital and Director of Medical Board, TNA Facial Pain Organization

Compliancy issues covered: health care; senior citizens; disability

Links for more information:

- https://www.princetonbrainandspine.com/dr/mark-mclaughlin-md/
- https://www.nspc.com/physician/jeffrey-brown/



Progra	am: 20-42	Writers/Producers:	Reed Pence		
Air Week: 10/18/2020		Studio Production:	Jason Dickey	-	
Time	Segment			Dur.	
1:50	SEGMENT 1: "PERFECT PITCH"				

Synopsis: The ability to "know" the musical pitch of any sound has traditionally been thought to be learnable only at a very early age through musical training. But new research shows perfect pitch is teachable to adults as well. Experts discuss the implications on all forms of learning.

Host & Producer: Reed Pence.

Guests:

- Dr. Diana Deutsch, Professor of Psychology, University of California, San Diego
- Stephen Van Hedger, Post-doctoral fellow, Brain and Mind Institute, University of Western Ontario
- Dr. Howard Nusbaum, Professor of Psychology, University of Chicago

Compliancy issues covered: education & learning; adult education; culture & the arts; neurology; psychology

Links for more information:

- http://deutsch.ucsd.edu/psychology/pages.php?i=101
- http://psychology.uchicago.edu/people/faculty/hnusbaum.shtml

15:08 SEGMENT 2: ORGAN THIEVES: THE FIRST HUMAN HEART TRANSPLANT IN THE SOUTH

7:23

Synopsis: In the race to perform the first human-to-human heart transplant, ethical corners were sometimes cut. An investigative journalist explains how a black man's heart was harvested without his family's consent for the first human heart transplant in the South, and how incidents such as this help to explain ongoing African-American distrust of medicine.

Host: Nancy Benson. Producer: Polly Hansen.

Guests:

Chip Jones, author, The Organ Thieves: The Shocking Story of the First Heart Transplant in the Segregated South

Compliancy issues covered: health care; technology; discrimination & racism; ethics

Links for more information:

https://www.chipjonesbooks.com/



Progra	m: 20-43	Writers/Producers:	Reed Pence			
Air We	eek: 10/25/2020	Studio Production:	Jason Dickey			
Time	Segment			Dur.		
1:50	50 SEGMENT 1: PLANETARY HEALTH 12:02					
-						

Synopsis: The new scientific field of planetary health seeks to analyze how humans are influencing the planet, which in turn rebounds to affect humans. The field encompasses more than environmental science and ecology, and helps to explain pandemics and other illnesses, mass migration, food consumption, and other public health factors. Two experts explain.

Host & Producer: Reed Pence.

Guests:

- Dr. Howard Frumkin, Emeritus Professor of Environmental and Occupational Health Sciences, University of Washington School of Public Health and co-editor, Planetary Health: Protecting Nature to Protect Ourselves
- Dr. Sam Myers, Principal Research Scientist, Harvard University T. H. Chan School of Public Health and Director, Planetary Health Alliance, and co-editor, Planetary Health

Compliancy issues covered: environment; pollution; public health; politics; immigration; natural disasters

Links for more information:

https://islandpress.org/books/planetary-health

14:54 SEGMENT 2: THE MANY KINDS OF GRIEF

8:02

Synopsis: Grief can come from the loss of anything important to us—a loved one, a job, a home, a status in the community. Today many people are suffering from unresolved grief, since there are no rituals to ease these forms of grief and prohibitions against large gatherings such as funerals. An expert discusses the many forms of grief and how we can get through them.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

Dr. Missouri McPhee, Chaplain and Resident Thanatologist, Orlando Health—Health Central Hospital, Ocoee, FL

Compliancy issues covered: public health; mental health; death & grief

Links for more information:

https://www.orlandohealth.com/facilities/health-central-hospital/services/chaplain-services-at-health-central-hospital



https://www.nytimes.com/by/chris-hamby

Program	20-44	Writers/Producers:	Reed Pence	
Air Week	: 11/1/2020	Studio Production:	Jason Dickey	
Time S	egment			Dur.
1:52 \$	EGMENT 1: MEMO	RY CARE FARM ANIMA	ALS: HELPFUL MENAGERIES	12:02
helpful in r	ising spirits and reduci		s with dementia have found that farm animals on-site and even in room. A therapist and program director at one such nursing home discusses the benefit of residents.	
Host: Reed	Pence.			
	auren Gaffney, occupat A	ional therapist and Program	Director, Memory Support Unit, Lifecare Center of Nashoba Valley,	Littleton,
Complianc	y issues covered: senio	or citizens & elderly; health	care; pets & people; education; family issues; agriculture	
	nore information: tps://www.nimh.nih.go	v/news/science-news/2015/	lisanby-chosen-to-lead-nimh-division-of-translational-research.shtml	
14:54 S	EGMENT 2: BLACK	LUNG DISEASE: STILL	ALL TOO PRESENT	8:02
	preventable, but a distir		ght of as a relic of the past, thanks to environmental laws. The disease r has still found plenty of it among today's miners. He discusses his fi	
Host: Nano	y Benson. Producer: I	Polly Hansen.		
Guests:	hris Hamby, reporter, N	lew York Times and author,	, Soul Full of Coal Dust: A Fight For Breath and Justice in Appalacht	ia
Complianc	y issues covered: publi	c health; employment & wo	orkplace issues; environment; federal government	
Links for n	nore information:			



	eek: 11/8/2020	Studio Production:	Jason Dickey	
Time	Segment			Dur.
1:47 SEGMENT 1: TIME BLINDNESS				12:32

Synopsis: Someone who is always late for everything and never finishes any project on time is often labeled as irresponsible, lazy, or purposely insulting. But they may be suffering from a brain abnormality called time blindness that's often a part of ADHD, with often sad consequences. Experts discuss.

Host & Producer: Reed Pence.

Guests:

- Dr. Ari Tuckman, psychologist and co-chair, Conference Committee, CHADD (Children and Adults with Attention Deficit/Hyperactivity Disorder)
- Dr. Russell Barkley, Clinical Professor of Psychiatry, Virginia Commonwealth University Med. Ctr. and author, 12 Principles for Raising a Child With ADHD

Compliancy issues covered: disabilities; health care; employments & workplace issues; education; parenting issues

Links for more information:

- https://tuckmanpsych.com/
- http://www.russellbarkley.org/

15:18 SEGMENT 2: HOW DEEP ARE THE DIFFERENCES OF LEFT HANDERS?

7:42

Synopsis: Handedness is a central part of a person's identity. Left-handers are often seen as somehow different than the rest of us, and over history they've been stereotyped as more quirky, intelligent, and sinister than righties. Science shows that some labels are likely to be true. Experts discuss where handedness comes from, and what differences truly result.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

- R. Ron Yeo, Regents Professor, University of New Mexico
- Kim Sawyer, left-hander
- Dr. Clare Porac, Professor of Psychology, Penn State University and author, Laterality: Exploring the Enigma of Left-Handedness

Compliancy issues covered: American culture; consumerism

Links for more information:

• https://psych.unm.edu/people/faculty/profile/ronald-yeo.html



Progra	ım: 20-46	Writers/Producers:	Reed Pence	
Air W	eek: 11/15/2020	Studio Production:	Jason Dickey	
Time	Segment			Dur.
1:47	SEGMENT 1: THE	EFFECTS OF 2020 STRESS	12:42	

Synopsis: 2020 has produced an ongoing barrage of stressful events, and psychologists say the months of strain have started to show in both physical and mental breakdowns among increasing numbers of people. Three mental health professionals discuss the signs that a person is in trouble, and what they can do to get through these difficult times intact.

Host & Producer: Reed Pence.

Guests:

- Dr. Kate Harkness, Professor of Psychology, Queens University
- Dr. Jennifer Love, psychiatrist and co-author, When Crisis Strikes: Five Steps to Heal Your Brain, Body, and Life From Chronic Stress
- Dr. Kjell Tore Hovik, clinical neuropsychologist and co-author, When Crisis Strikes: Five Steps to Heal Your Brain, Body, and Life From Chronic Stress

Compliancy issues covered: health care; public health; mental health; youth at risk; substance abuse

Links for more information:

- https://www.queensu.ca/psychology/people/faculty/kate-harkness
- https://www.amenclinics.com/team/jennifer-love-md/
- https://www.lovehovik.com/about-us/

15:31 SEGMENT 2: MUSIC THERAPY

7:23

Synopsis: Some people are finding relief from mental health issues through music therapy, a combination of psychotherapy and music-making. A noted music therapist describes what the practiced is and how it works.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

Dr. Sandi Curtis, Professor Emeritus of Music Therapy, Concordia University, Montreal and author, Music For Women (Survivors of Violence)

Compliancy issues covered: mental health; culture & the arts; domestic violence

Links for more information:

https://sandicurtis.com/



Program:	20-47	Writers/Producers:	Reed Pence	
Air Week:	11/22/2020	Studio Production:	Jason Dickey	
Time Se	gment		Dı	ur.

1:48 SEGMENT 1: WHERE CAN WE GATHER? THE ZOOM THANKSGIVING

13:09

Synopsis: Getting together with family and friends over the holidays will be different this year due to COVID-19 precautions for families and governmental restrictions on restaurants and bars. The hospitality industry complains it's unfairly targeted, but data shows it's a COVID hotspot. Yet families in homes can repeat some of the same errors. Experts discuss how to keep gatherings safe and the consequences if we don't.

Host & Producer: Reed Pence.

Guests:

- Dr. Beth Theilen, Assistant Professor of Pediatric Infectious Diseases and Immunology, University of Minnesota Medical School and pediatric infectious disease physician, M Health Fairview Health System
- Dr. Shelly Miller, Professor of Mechanical Engineering, University of Colorado

Compliancy issues covered: public health; family issues; public safety; hospitality industry; consumerism; health industry; health care; state and local government; COVID-19 Pandemic; data science

Links for more information:

- https://med.umn.edu/bio/pediatrics-by-division/beth-thielen
- https://www.colorado.edu/even/people/shelly-miller

15:59 SEGMENT 2: "FLAT HEAD SYNDROME"

6:33

Synopsis: Since the beginning of the "baby on back" movement to reduce sudden infant death syndrome, many more infants are developing misshapen heads with a flat spot in one place. An expert discusses whether this is serious, how it can be treated with a helmet-like device, and how it might be prevented.

Host: Nancy Benson. Producer: Hannah Swarm.

Guests:

• Dr. Peter Taub, Professor of Pediatrics and Neurosurgery, Icahn School of Medicine at Mount Sinai, New York.

Compliancy issues covered: health care; youth at risk; parenting issues; consumerism

Links for more information:

https://www.mountsinai.org/profiles/peter-taub



Prograi	m: 20-48	Writers/Producers:	Reed Pence	
Air We	ek: 11/29/2020	Studio Production:	Jason Dickey	
Time	Segment			Dur.
1:49	SEGMENT 1: MOMS	RELEASED FROM PRIS	SON	13:45

Synopsis: Women are the fastest-growing prison population, but when they're released, they face far more barriers to successful reintegration into society than men, especially if they have children. Experts and a former inmate running a new program for moms in prison discuss barriers and ways to overcome them.

Host & Producer: Reed Pence.

Guests:

- Nina Porter, former inmate and co-founder, Mothers On the Rise
- Dr. Jack Turman, Professor of Social and Behavioral Sciences, Fairbanks School of Public Health, Indiana University
- Dr. Pamela Lattimore, Senior Director for Research Development, Division for Applied Justice Research, RTI

Compliancy issues covered: criminal justice; police & justice system; prisons; women's issues; crime; children at risk; housing

Links for more information:

- https://fsph.iupui.edu/about/directory/turman-jack.html
- https://www.in.gov/idoc/about-idoc/special-initiatives/wee-ones-nursery/
- https://ijrd.csw.fsu.edu/person/pamela-lattimore-phd

16:36 SEGMENT 2: THE SURPRISING ORIGINS OF CHEMOTHERAPY IN WORLD WAR II

6:21

Synopsis: Chemotherapy has saved millions of lives, but its origins date to the chemical warfare agent mustard gas. A secret shipment of the gas was released in Italy after the bombing of a US ship in World War II. An investigative reporter details how doctors turned death and tragedy to the lifesaver we know today.

Host: Nancy Benson. Producer: Polly Hansen.

Guests:

Jennet Conant, author, The Great Secret: The Classified World War II Disaster That Launched the War On Cancer

Compliancy issues covered: federal government; military; technology; national defense

Links for more information:

https://jennetconant.com/about/



Progra	ım: 20-49	Writers/Producers:	Reed Pence	
Air W	eek: 12/6/2020	Studio Production:	Jason Dickey	
Time	Segment			Dur.
1:47	SEGMENT 1: SHO	12:31		

Synopsis: Just about anyone can report a parent to a child abuse hotline. It's meant to protect children, but often, parents are reported when no abuse or neglect exists in order to retaliate for a divorce or some other grievance. Some parents are reported for merely letting children play outside or walk to school without an adult in attendance, what was once thought of as normal. Some activists say this robs children of independence. An expert and a woman who went through an unjustified child abuse investigation discuss.

Host & Producer: Reed Pence.

Guests:

- Corey Widen, mother reported to child abuse hotline, Wilmette, IL
- Rachel Ruttenberg, Director of Policy, Heartland Alliance

Compliancy issues covered: youth at risk; child abuse and neglect; child welfare system; police and justice system; child safety; public safety; family issues

Links for more information:

https://www.heartlandalliance.org/research-and-policy/experts

15:20 SEGMENT 2: NERVE GROWTH FACTORS: HOPE FOR TBI'S, MS, ALS?

7:39

Synopsis: Unlike most cells in the human body, the central nervous system cannot repair itself. People who suffer brain or spinal cord injuries, or neurological disorders such as MS and ALS have few alternatives. A neurological researcher describes how he has discovered previously unknown nerve growth factors that could someday allow such injuries and diseases to heal.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

. Dr. Benjamin Segal, Chair of Neurology and Director, Neuroscience Research Institute, Ohio State University

Compliancy issues covered: health care; public health; disabilities; neurology; research

Links for more information:

https://wexnermedical.osu.edu/neurological-institute/researchers/benjamin-segal-md



Progra	ım:	20-50		Writer	s/Producers:	Reed Pe	nce					
Air W	eek:	12/13/2	020	Studio	Production:	Jason D	ickey					
Time	Se	gment										Dur.
1:46	SI	EGMENT	1: FROM	NOW UN	TIL THE VAC	CCINE						13:00
lives and	d illn	ess. A no	ted infection	us disease ex	e available for r spert discusses p ould change out	orobable time				-		_
Host &	Pro	lucer: Re	ed Pence.								'	
Guests:		. William	Schaffner,	Professor of	Preventive Med	dicine and In	fectious Disea	ises, Vande	erbilt Unive	rsity Medic	cal Center	
_		issues co	•	blic health; r	oublic safety; fe	deral and sta	te government	t; Constitu	tional rights	; vaccinatio	on; COVID	-19
Links fo		ore infor ps://www		health-policy	/person/william	n-schaffner-n	<u>ıd</u>					
15:48	SE	GMENT	2: WHAT	"S UP WIT	H HICCUPS	•						7:25
		-			ortable, and doo y most home re			and most o	ther species	s) get them.	An expert	explains
Host: N	ancy	Benson.	Producer:	Reed Pence.								
Guests:	Dr.	Tyler Cy	met, Chief,	, Clinical Ed	ucation, Americ	an Assn. of	Colleges of Os	steopathic	Medicine			

Links for more information:

- http://www.aacom.org/
- https://en.wikipedia.org/wiki/Tyler_Cymet

Compliancy issues covered: health care; pop culture



Progra	ım: 20-51	Writers/Producers:	Reed Pence		
Air W	eek: 12/20/2020	Studio Production:	Jason Dickey		
Time	Segment			Dur.	
1:50	SEGMENT 1: THE GOOD AND BAD OF MEDICAL CROWDFUNDING				

Synopsis: Medical campaigns account for a third of monies raised on crowdfunding sites like GoFundMe, and many people who've fallen through the holes of the safety net have been helped this way. But studies show that fraud is rampant in crowdfunding, with fake patients and medical providers who are all too eager to take money for worthless treatment. Experts discuss these issues and the need for regulation.

Host & Producer: Reed Pence.

Guests:

- Dr. Jeremy Snyder, Professor of Health Sciences, Simon Fraser University
- Dr. Art Caplan, head, Division of Medical Ethics, New York University School of Medicine
- Dr. Nora Kenworthy, Assistant Professor of Nursing and Health Studies, University of Washington-Bothell

Compliancy issues covered: health care; consumerism; consumer protection; online fraud; federal government; regulation

Links for more information:

- https://www.sfu.ca/fhs/people/profiles/jeremy-snyder.html
- https://med.nyu.edu/faculty/arthur-l-caplan
- https://www.uwb.edu/nhs/facultyandstaff/faculty/nkenworthy

15:03 SEGMENT 2: NAVIGATING A COVID CHRISTMAS

8:02

Synopsis: This holiday season will be unlike any we've ever had before, with "loss" as a major theme—loss of little things such as routines as well as big ones. Two experts weigh in on how families can navigate this season while keeping it festive.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

- Dr. Parker Huston, pediatric psychologist, Nationwide Children's Hospital and Clinical Director, On Our Sleeves
- Dr. Carlin Barnes, co-founder, Healthy Mind MD's, Houston, TX

Compliancy issues covered: consumerism; pop culture; mental health; children & youth at risk; COVID-19 Pandemic; infectious disease; family issues; prevention; public health; public safety

Links for more information:

- https://www.onoursleeves.org/
- https://www.onoursleeves.org/about/parker-huston-bio
- http://www.drcarlindbarnes.org/home.html



Progra	am: 20-52	Writers/Producers:	Reed Pence
Air W	eek: 12/27/2020	Studio Production:	Jason Dickey
Time	Segment		Dur.
1:48	SEGMENT 1: PANCREATIC CANCER		11:10
Synops	is: Pancreatic cancer is i	increasing, and soon to be the s	second leading cancer killer, since it is rarely detected in early stages. Two

Host & Producer: Reed Pence.

Guests:

- Dr. Richard Frank, Director of Cancer Research, Nuvance Health Cancer Institute
- Dr. Somashekar Krishna, Associate Professor of Gastroenterology, Ohio State University Wexner Medical Center

physicians discuss pancreatic cancer and its symptoms, as well as their research into methods to find the disease in earlier stages.

Compliancy issues covered: health care; consumerism; technology; research

Links for more information:

- https://www.norwalkhospital.org/find-a-doctor/richard-frank
- https://wexnermedical.osu.edu/mediaroom/expertslisting/somashekar-krishna

14:00 SEGMENT 2: BROKE: PATIENTS OPEN UP ABOUT MONEY WOES

8:57

Synopsis: Millions of Americans are in financial straits due to COVID layoffs and furloughs. A doctor describes how he gets patients to talk about why they're in trouble and what they do about it to create an eye-opening portrait.

Host: Nancy Benson. Producer: Reed Pence.

Guests:

• Dr. Michael Stein, internist, Professor of Health Policy, Boston University School of Public Health and author, Broke: Patients Talk About Money With Their Doctor

Compliancy issues covered: consumerism; economics; poverty; employment & workplace issues; unemployment; COVID-19 Pandemic; infectious disease

Links for more information:

https://uncpress.org/book/9781469661148/broke/