KKWS-FM

Wadena, MN 56482 Quarterly "Issues and Programming" Listing October 1 – December 31, 2023

This is a list of the significant quarterly issues identified as important by citizens of Central Minnesota served by radio station KKWS-FM in Wadena, MN. The list for the fourth quarter of 2023 was compiled by Dan Terhaar.

Issues Programs List Quarterly Issues programs List for KKWS-FM October 1 – December 31, 2023 Placed in the Public File January 9, 2024

Section I. Issues.

KKWS-FM has identified these issues as having significant importance to our community in this fourth quarter of 2023.

A. Government/Politics- Political and policy issues at the local and State levels that affect our listener's lives.

B. **Agriculture-Environment-Technology-** Environmental, Agricultural and Technology issues affecting our daily lives,

C. Health/Mental Health-Medicine-Various topics from Health Concerns to ways to Improved Health.

D. Families and Education- Activities and efforts of local schools and educators and the effects on students and learning, and other issues pertaining to Families.

E. Business/Economics/World News- Discussion of economic, financial and World issues that concern our local communities.

F. Public Safety/Social Issues- Issues regarding Social Issues and Public Safety that are of interest to listeners in our area.

Section II: Responsive Programming

KKWS has broadcast programming in conjunction with each of the issues listed above in Section I. Programming of each issue is listed below:

A. Government/Politics-

Program: Radio Health Journal; Air 11/26/23 7:14 am Duration:8:59 Synopsis: Last week our experts broke

down the psychology of false confessions, and today we're discussing the aftermath of wrongful convictions. Why do people who've been wrongly convicted die earlier? How can law enforcement make sure they're catching the real criminals? Our experts explain it all.

Host: Greg Johnson Producer: Kristen Farrah

Guests: Dr. Allison Redlich, Distinguished University Professor in the Department of Criminology, Law, and Society, George Mason University; Mary Catlin, Doctoral Student & Graduate Research Assistant in Criminology, Law and Society, George Mason University

Compliancy issues: Crime, Law Enforcement, Public Safety,

Program: Viewpoints: Air 10/8/23 7:42 am Duration: 1:59 Synopsis: In 2006, Filipino immigrant Elizabeth Keathley mistakenly registered to vote while at the Illinois Department of Motor Vehicles. Keathley and her former lawyer, Richard Hanus, join us this week to share the stressful, years-long legal battle that almost led to her being deported back to the Philippines. Host: Marty Peterson Producer: Amirah Zaveri

Guests: Richard Hanus, immigration attorney, The Law Offices of Richard Hanus; Elizabeth Keathley, immigrant

Program: Viewpoints; Air 10/15/23 7:42 am Duration:8:38 Synopsis: Have you seen an

advertisement or commercial for the group, FIRE? The acronym stands for the Foundation for Individual Rights and Expression, but even after watching an ad, it can still be confusing to grasp what exactly this organization truly stands for. As the presidential cycle heats up, this kind of messaging is only going to grow more common over the next year, so we wanted to uncover what exactly FIRE stands for and why some people have mixed feelings on the nonpartisan nonprofit.

Host: Marty Peterson

Producer: Amirah Zaveri, Grace Galante

Guests: Nico Perrino, executive vice president, FIRE; Steve Macek, professor, communication & media studies, North Central College

Program: Viewpoints: Air 11/5/23 7:41 am Duration: 10:30; Synopsis: There seems to be a lot of narratives, conspiracy theories and research funneling into if aliens really do exist. We speak with two experts about how the scientific community approaches this field of study and some of the challenges that come with working within this space. Host: Marty Peterson

Producer: Tabor Brewster

Guests: Paula Bontempi, dean, Graduate School, Oceanography, University of Rhode Island; Nathalie Cabrol, chief scientist, Carl Sagan Center for Research at the SETI Institute

B. Agriculture-Environment-Technology

Program: Radio Health Journal: Air 10/8/23 7:14 am Duration: 6:19 Synopsis: In a world where

deforestation and environmental pollution runs rampant, it's no surprise that wild animals have started to creep into our backyards and – in some cases – inside our homes. Mary Roach, a science author, dives into the reasons behind this steady rise of wildlife lawbreakers. Host: Nancy Benson Producer: Kristen Farrah Guests: Mary Roach, Science Author, Fuzz

Program; Radio Health Journal; AIR 12/1023 7:02 am Duration:10:08 ; Synopsis: Natural disasters are often devastating to the surrounding communities and environment. And since they're becoming more frequent – and occurring in places they've never been before – it's more important than ever to know how to support the victims and prepare yourself for these catastrophes. Host: Elizabeth Westfield Producer: Amirah Zaveri

Guests: Dr. Vickie Mays, Clinical Psychologist, Professor, Department of Psychology at University of California Los Angeles

Program : Radio Health Journal; 12/10/23 7:13 Duration: 9:19 Synopsis: Research shows that children involved in STEM courses, like engineering and science, have better reading comprehension and are more likely to be successful later in life. One national science fair is helping to keep kids, like award-winner Shanya Gill, interested in these industries and foster their passion for science. Host: Greg Johnson

Program: Radio Health Journal; Air 12/24/23 7:14 am Duration: 8:30 Synopsis: COPD is a silent killer -

but it doesn't have to be. Smoking cigarettes and vaping are among the main causes of the lung disease, but manufacturing plants and air pollution can make even the healthiest person sick. Our experts explain ways to reduce your risk and how to manage COPD once you're diagnosed. Host: Greg Johnson

Producer: Kristen Farrah

Guests: Dr. Tony Punturieri, Program Officer in the Division of Lung Disease, National Heart, Lung, and Blood Institute; Dr. Siva Sivaraman, Pulmonologist, Director of the Respiratory Therapy Department, AtlantiCare Regional Medical Center

C. Health/Mental Health-Medicine-

Program; Radio Health Journal; Air: 10/1/23 7:02am Duration;11:18 Synopsis; Modern medicine has

found incredible solutions for acute illnesses, but have we become too reliant on drugs to fix our problems? Integrative medicine approaches medical issues by treating the body as a whole instead of just cherry-picking symptoms. Our experts explain some of the lifestyle changes we can make to decrease our dependance on medication. Host: Elizabeth Westfield

Producer: Kristen Farrah

Guests: Dr. Tieraona Low Dog, Globally-Recognized Expert in Integrative Medicine, Founding Director, Medicine Lodge Ranch; Dr. David Katz, Specialist in Preventive Medicine and Public Health, Founder of Yale-Griffin Prevention Research Center, Yale University, Chief Executive Officer, Diet ID

Program; Radio Health Journal; Air: 10/8/23 7:02 am Duration; 13:18 Synopsis; Rheumatoid arthritis is a

life-changing condition but can also be invisible to everyone around you. Between finding the right medication and managing the illness, it's often a long and frustrating process for many patients. Our experts explain the importance of community support and how to cope with an inflammatory arthritis diagnosis. Host: Elizabeth Westfield

Producer: Kristen Farrah

Guests: Dr. Linda Li, Professor of Physical Therapy, University of British Columbia, Leading Scientist in Arthritis Research; Talisa King, Co-Lead of the National African Americans Connect Group, Arthritis Foundation

Program; Radio Health Journal; Air: 10:15/23 7:16 am Duration; 8:01 Synopsis; The FDA recently

approved a new booster shot for COVID-19 and many people are still wondering what exactly we're injecting into our bodies. Dr. William Schaffner, an infectious disease expert, breaks down the revolutionary technology and why we should feel safe going into this winter season. Host: Greg Johnson

Producer: Kristen Farrah

Guests: Dr. William Schaffner, Professor of Preventive Medicine and Health Policy, Vanderbilt University, Spokesperson and Past President, National Foundation for Infectious Diseases

Program; Radio Health Journal; Air: 7/9/23 7:02 am Duration;10:08 Synopsis;

Program: Radio Health Journal; Air 10/29/23; 7:02 am Duration:12:15 Synopsis: Emerging research is changing everything we thought we knew about dopamine. The connection between Parkinson's Disease and dopamine has been documented in the past, but a new study uncovers mechanisms of the chemical that were previously thought to be impossible. Our experts dive into the research and

explain how this affects the future of Parkinson's treatment.

Host: Elizabeth Westfield

Producer: Kristen Farrah

Guests: Dr. Zachary Gaertner, Neuroscientist, Northwestern University Feinberg School of Medicine; Dr. Raj Awatramani, Sir John Eccles Professor of Neurology, Northwestern University; Dr. Daniel Dombeck, Professor of Neurobiology, Northwestern University

D. Families and Education-

Program; Insight ; 11/28/23 11:05 am Duration- 12:00 Synopsis; Information about Wadena's spectacular Christmas light show called Christmas in Wadena. All proceeds go to the Project Share food Shelf in Wadena. Guest; GP Anderson

Program; Insight ; 12/5/23 11:05 am Duration- 15:38 Synopsis; The 97th Empty Stocking Fundraiser is underway again in Wadena. The director of the Annual Talent Program explains the details of the show and the benefits to the community of the funds raised each year by the event. Guest: Director Diane Peters

Program; Insight ; 11/2/23 11:05 am Duration- 10:25 Synopsis;The Superintendent of Wadena-Deer Creek Schools discusses the upcoming referendum and its benefits to families, students, and the community. Guest; Lee Westrum

Program: Viewpoint; Air 12:31/23 7:42 am Duration: 9:04 Synopsis: One in twelve children will lose a parent or sibling by the time they reach age 18. Experiencing grief of this kind is unbearable at any age, but in children it can present differently and may require more of a tailored approach. We speak with child therapist Natasha Daniels to get a better understanding of this emotion and how there can be different variations of grief depending on the severity of the life event. Host: Marty Peterson

Producer: Amirah Zaveri

Guests: Natasha Daniels, child therapist, author, The Grief Rock: A Book to Understand Grief and Love

E. Business/Economics/World news-

Program: Radio Health Journal ; Air 11/12/23 7:02 am Duration: 11:54 Synopsis: Researchers have been studying the lasting health effects of the atomic bomb for decades – but there's a new type of radiation scientists are worried about. Nuclear workers, medical physicians, and the public are all being exposed to low-dose, long-term ionizing radiation. It causes cancer, radiation cataracts, and impaired cognition. Experts explain how we can protect ourselves from these dangerous rays.

Host: Elizabeth Westfield

Producer: Kristen Farrah

Guests: Dr. David Richardson, Professor of Environmental and Occupational Health, University of California, Irvine, Internationally Recognized Expert in Occupational Health; Dr. Mina Makary, Interventional Radiologist, The Ohio State University Wexner Medical Center

Program: Viewpoint; Air 10/1/23 7:32 am Duration: 6:14; Synopsis: Each year, we throw away the equivalent of 130 billion meals. This wasted food could feed hundreds of millions of people and negatively impacts the environment both from its production and then the methane it releases once in a landfill. We cover the ongoing food waste crisis in America and hear from one tech platform that's helping to connect hungry people to food that would otherwise be tossed into a trash bin. Host: Gary Price

Producer: Amirah Zaveri

Guests: Sarah Soteroff, North American spokesperson, Too Good To Go

Program: Viewpoint; Air 10/8/23 7:52 am Duration: 2:02 Synopsis: Consumers are spending more on Halloween recently. Part of it stems from the holiday becoming more popular and people shelling out more on décor, costumes, treats and activities. However, another factor is that prices are also generally rising. We look at how candy prices have significantly jumped over the last few years. Host: Ebony McMorris

Program: Viewpoint; Air 10/15/23 7:52 am Duration: 1:25 Synopsis: Over the last year, hundreds of thousands of migrants seeking asylum have made their way into the U.S. and have been bussed to sanctuary cities across the country. We cover how this large influx is leading to chaos and mass frustration among residents and leaders. Host: Ebony McMorris

F. Public Safety/Social Issues-

Program; Radio Health Journal; Air: 10/15/23 7:02 am Duration; 11:28 Synopsis; Many of us think that

we can spot a liar by their eye movements or facial expressions, but for true deception artists those methods won't work. Our experts explain the psychology behind why people lie and how you can avoid being duped.

Host: Elizabeth Westfield

Producer: Kristen Farrah, Polly Hansen

Guests: Dr. Christian Hart, Professor of Psychology, Texas Woman's University, Director, Human Deception Laboratory, Co-Author, Big Liars; Dr. Drew Curtis, Associate Professor of Psychology, Angelo State University, Director, The Curtis Deception Lab, Co-Author, Big Liars

Program: Radio Health Journal: Air 10/22/23, 7:02 am. Duration:12:18 Synopsis: The pandemic introduced

many of us to mRNA vaccines. Now, researchers are hard at work figuring out how to use this technology to fight cancer. This delivery method would not only stop cancer from growing, but also allow our immune system to eradicate the disease. An expert explains the science behind how we may soon be able to cure cancer.

Host: Elizabeth Westfield

Producer: Kristen Farrah

Guests: Dr. Jordan Green, Professor, Vice Chair of Biomedical Engineering, Johns Hopkins University School of Medicine

Program: Radio Health Journal Air 10/29/23 7:15 am Duration:7:54Synopsis: As the temperature drops and we're spending more time inside, it's important to keep our homes disease-free. Things like mold and dust mites can compromise your health. Our

experts explain how to properly clean your space and give easy steps you can take to keep your family safe.

Host: Greg Johnson

Producer: Kristen Farrah

Guests: Caroline Blazovsky, Home Inspector, Founder, My Healthy Home; Dr. Gregory Charlop, Anesthesiologist, Author, Dr. Greg's Green Home Makeover

Program: Radio Health Journal; 11/5/23 7:02 am Duration: 11:53 Synopsis; If you're waiting at a streetlight to turn left, you'll probably never be joined by a UPS truck. The company's computer routing system has shown that left-hand turns waste time and fuel – but Dr. Vikash Gayah says they could also be dangerous to our health. Experts dive into these road rules and offer solutions to simplify your daily errands.

Host: Elizabeth Westfield

Producer: Kristen Farrah

Guests: Dr. Vikash Gayah, Professor of Civil Engineering, Interim Director of the Larson Transportation Institute, Pennsylvania State University; Patrick Browne, Retired Vice President of Sustainability, UPS; Dan McMackin, Public Relations Manager, UPS