

QUARTERLY ISSUES/PROGRAMS LIST

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The following is a listing of some of the significant issues responded to by Radio Station WMKC \_\_\_\_\_ - (AM/FM) along with the most significant programming treatment of those issues for the period July 1 to Sept 30 2023. The listing is by no means exhaustive. The order in which the issues appear does not reflect any priority or significance.

Description of Issue	Program/Segment	Date(s)	Time(s)	Duration	Narration of Type and Summation of Program/Segment Content.
4-H	Various	8/15 - 8.26	Various	Various	Promoted 4-H programs at the Emmet/Charlevoix County Fair
Community Event	Various	8/8	6:35p	3min	Promoted Boyne City Pirate Festival
Teen Homelessness	Segment	9/12	6:35p	5 min	Interview Karing Home Youth Project about teen homelessness and fundraiser
Suicide Prevention	Various	8/22-9/9	Various	Various	Promoted Breanna's Ride for Suicide Prevention programs
Community Event	Various	8/5	Various	Various	Promoted and participated in Elk Rapids Harbor Days
Community Event/4-H	Segment	8/31	11:40am	3 min	Interview Mike at the Chippewa County Fair about events


Signature 

Date Posted to Public File - 10/5/23

QUARTERLY ISSUES/PROGRAMS LIST

The following is a listing of some of the significant issues responded to by Radio Station WMKC - (AM/FM) along with the most significant programming treatment of those issues for the period 7/1/22 to 9/30/23. The listing is by no means exhaustive. The order in which the issues appear does not reflect any priority or significance.

Description of Issue	Program/Segment	Date(s)	Time(s)	Duration	Narration of Type and Summation of Program/Segment Content.
Childhood Cancer	Web	7/1 - 9/30	Various	Various	Promoted St. Jude Children's Research Hospital, fund raising, supplied information
Cystic Fibrosis	Segment	8/18	6:35p	3 min	Interview Jeanette Hudak about Chelsea's Closet and upcoming fundraiser
Suicide Prevention	Segment	8/14	6:35p	3 min	Update of Kiersten's Ride for suicide prevention
Suicide Prevention	Web/Segment	9/1-9/30	Various	Various	Focused on National Suicide Prevention Month; provided information on how to get help
Community	Segment	7/5	5:20pm	2 min	Interview about Boyne Thunder raising money for community projects
Community	Segment	7/1 - 7/20	Various	Various	Promote Salvation Army Christmas in July Kettle Campaign

Signature  Date Posted to Public File - 10/5/23



Weekly Public Affairs Program

Call Letters: WMKC

## QUARTERLY ISSUES REPORT, JULY-SEPTEMBER, 2023

Show # 2023-27

Date aired: 7/2/2023 Time Aired: 5:00am

**Nora Volkow, MD**, Director of the National Institute on Drug Abuse, part of the National Institutes of Health

Fentanyl overdoses are the leading cause of death for Americans ages 18 to 49, more than car accidents or suicides. On average, one person dies of a fentanyl overdose in the United States every seven minutes, and the number of Americans killed by the drug has jumped 94 percent since 2019. Dr. Volkow discussed why the problem has skyrocketed and what steps the federal government is taking to address it. She said that, while the epidemic was worse in certain rural areas of the US in past years, the problem has now overwhelmed every city and state. She talked about the importance of education and treatment programs, and also explained why fentanyl is a particularly troubling issue for pregnant women.

Issues covered:

**Substance Abuse and Treatment  
Government Policies**

Length: 17:52

**Sam Quinones**, author of *"The Least of Us: True Tales of America and Hope in the Time of Fentanyl and Meth"*

The opioid crisis' damage to US communities cost the economy \$1.5 trillion in 2020 alone, according to a congressional analysis. Mr. Quinones talked about steps that cities and towns can take to try to repair community bonds, most effectively on the neighborhood, school and church level. He believes that stronger law enforcement is necessary to force drug abusers into treatment, whether they want it or not.

Issues covered:

**Substance Abuse and Treatment  
Community Rehabilitation  
Law Enforcement  
Homelessness**

Length: 5:08

Show # 2023-28

Date aired: 7/9/2023 Time Aired: 5:00am

**Paul R. Lawrence**, former Under Secretary of Benefits at the U.S. Department of Veterans Affairs, author of *"Veterans Benefits for You: Get What You Deserve"*

Mr. Lawrence offered tips for veterans to successfully apply for benefits they have earned from their service. He explained several ways that a veteran can document a service-related injury, and how they can request their medical records with help from the National Archives and Veterans



Administration. He also talked about the value of benefits not just to a veteran, but to his or her family, as well.

**Issues covered:**  
**Veterans' Benefits**  
**Military Service**

**Length: 8:14**

**David Maimon, PhD**, Professor of Criminal Justice and Criminology, Georgia State University

Prof. Maimon explained how criminals are increasingly targeting US Postal Service blue collection boxes and residential mailboxes to steal filled-out checks. He said the thieves sell the stolen checks via social media platforms, then buyers alter the payee and amount on the checks to rob victims' bank accounts of thousands of dollars. He recommends that consumers only hand mail directly to a clerk at a US Post Office, or use other methods to send payments.

**Issues covered:**  
**Crime**  
**Identity Theft**  
**Government**

**Length: 9:09**

**Lori R. Sackler**, Senior VP and family wealth advisor at Morgan Stanley, author of *"The M Word: The Money Talk Every Family Needs to Have about Wealth and Their Financial Future"*

Conversations about money remain taboo for most U.S. households. Ms. Sackler said a staggering 70 percent of families lose their money, assets, and family harmony in the aftermath of estate transfers. She explained how to successfully talk about money matters. She said many people make the same money mistakes that their parents made.

**Issues covered:**  
**Retirement Planning**  
**Aging**

**Length: 5:05**

Show # 2023-29

**Date aired:** 7/16/2023 **Time Aired:** 5:00am

**Pam Baker**, freelance journalist who focuses on emerging tech topics like artificial intelligence, data analytics, and edge computing, author of *"ChatGPT For Dummies"*

ChatGPT has garnered an amazing amount of attention in just a few months. Ms. Baker explained how the rise of artificial intelligence has already begun affecting our daily lives. She talked about the importance of learning to use AI in the workplace, and why learning how to prompt AI is both the easy part and the most difficult part of using it.

**Issues covered:**  
**Artificial Intelligence**  
**Education**  
**Career**

**Length: 9:05**

**Ruchi S. Gupta, MD, MPH**, board-certified pediatrician and health researcher, Professor of Pediatrics and Medicine at Northwestern University Feinberg School of Medicine, Clinical Attending at Ann & Robert H. Lurie Children's Hospital of Chicago, founding director of the Center for Food Allergy & Asthma Research

Dr. Gupta led a groundbreaking study of allergies in adults and found the prevalence of food allergy is highest among black, Hispanic and Asian individuals across all ages. She also found that food allergy

is lowest among households earning more than \$150,000 a year. She talked about potential reasons for these findings and the importance of getting a proper diagnosis.

**Issues covered:**

**Food Allergies  
Minority Concerns**

**Length: 8:23**

**Greg Keoleian**, Director of the Center for Sustainable Systems at the University of Michigan School for Environment and Sustainability

Environmentally-conscious consumers have probably heard that today's highly efficient dishwashers use less energy and water than traditional hand-washing techniques. However, Prof. Keoleian led a study that found that one manual washing technique--the two-basin method, in which dishes are soaked and scrubbed in hot water and then rinsed in cold water--that is associated with fewer greenhouse gas emissions than machine dishwashing. He offered numerous energy-saving tips related to the task of washing dishes.

**Issues covered:**

**Environment  
Energy  
Consumer Matters**

**Length: 5:03**

Show # 2023-30

**Date aired: 7/23/2023 Time Aired: 5:00 am**

**Haywood Talcove**, CEO of LexisNexis Risk Solutions' Government Group, a multinational information and analytics company based in Atlanta

Mr. Talcove outlined a frightening new wave of scams: next-gen thieves are utilizing sophisticated new artificial intelligence tools to steal millions of dollars from consumers. He discussed the use of AI-generated voices--that criminals can now clone from social media profiles--to easily con parents or grandparents out of significant sums of money. He said the schemes are almost impossible to detect, but he suggested three steps every family should take to defend themselves

**Issues covered:**

**Crime  
Identity Theft  
Technology**

**Length: 8:49**

**F. Perry Wilson, MD, MSCE**, Associate Professor of Medicine, Director, Clinical and Translational Research Accelerator at the Yale University School of Medicine, author of "*How Medicine Works and When It Doesn't*."

Dr. Wilson explained how and why the doctor-patient relationship has eroded in recent years. He believes that profit-driven companies—from big pharma to healthcare corporations—have corrupted what should have been medicine's golden age. He offered several potential solutions to restore trust between patients and doctors.

**Issues covered:**

**Personal Health**

**Length: 8:15**

**Morag MacKay**, Director of Research, Safe Kids Worldwide

Ms. MacKay said that an American child is killed every five days in a train collision, a preventable tragedy that most parents overlook. She outlined the most common scenarios for these incidents and explained how parents can teach their children to avoid dangerous situations with trains.

**Issues covered:**

**Railroad Safety  
Child Safety  
Parenting**

**Length: 5:06**

**No program on 7/30/2023 due to local event coverage at 5:00 am**

Show # 2023-32

**Date aired: 8/6/2023 Time Aired: 5:00 am**

**Bacall Hincks**, Family Advocate and Program Coordinator at Children's Service Society of Utah

More than one million American children now live with grandparents, primarily because of their parent's addiction to opioids and other drugs. Ms. Hincks said this growing trend is causing grandparents to put off retirement and plow through savings to rescue their grandchildren from dangerous situations. She discussed how these difficult experiences can negatively affect children's mental and physical health.

**Issues covered:**

**Parenting  
Substance Abuse  
Foster Care  
Retirement**

**Length: 9:17**

**Maryanne Wolf, PhD**, Professor of Child Development and Director of the Center for Reading and Language Research at Tufts University, author of *Reader, Come Home: The Reading Brain in a Digital World*

Prof. Wolf discussed the latest research into the human brain as we become increasingly dependent on digital technologies, rather than the printed word. She expressed concerns for both children's and adults' ability to "deep read," as the brain is literally rewired by huge amounts of short bursts of information. She offered suggestions for how the nation's education system needs to adapt.

**Issues covered:**

**Literacy  
Education  
Technology**

**Length: 8:04**

**David Michael Slater**, teacher, author of *We're Doing It Wrong: 25 Ideas in Education That Just Don't Work—And How to Fix Them*

Mr. Slater explained why he believes that many current approaches in education simply aren't working—for students, for teachers, and for society at-large. He explained how teacher evaluations could be improved and why anti-bullying programs in schools don't work.

**Issues covered:**

**Education**

**Length: 4:50**



Show # 2023-33

Date aired: 8/13/2023 Time Aired: 5:00 am

**Paul Pilibosian**, a Houston attorney specializing in real estate law

It is a pattern being played out in many cities in the United States: squatters move into a home, refuse to leave, and homeowners have few options to evict them. Mr. Pilibosian explained why this trend is on the rise and what homeowners should do to try to discourage squatters from moving into a house in the first place.

**Issues covered:**

**Length: 8:50**

**Crime**  
**Home Ownership**  
**Legal Issues**

**Anupam Babu Jena, MD, PhD**, Joseph P. Newhouse Professor at Harvard Medical School, physician at Massachusetts General Hospital, co-author of *“Random Acts of Medicine: The Hidden Forces That Sway Doctors, Impact Patients, and Shape Our Health”*

Dr. Jena explained how unexpected—but often predictable—events can profoundly affect our health. He offered several examples of how randomness affects medical decisions and treatment options. He said a healthy diet and exercise are the wisest choices to lead a healthy life.

**Issues covered:**

**Length: 8:16**

**Personal Health**

**Sophie Kjærviik**, doctoral candidate in communication at Ohio State University

Firearms contribute to the deaths of more children ages 1-17 years in the U.S. than any other type of injury or illness. While much of that total is gang-related teen shootings, sometimes younger deaths are tragic accidents after a child finds an unsecured gun. Ms. Kjærviik was the co-author of a recent study that found that a simple 60 second video on gun safety made a significant difference in whether kids ages 8 to 12 played with a found gun.

**Issues covered:**

**Length: 5:04**

**Gun Safety**  
**Parenting**

Show # 2023-34

Date aired: 8/20/23 Time Aired: 5:00 am

**Karl Brauer**, Executive Analyst at ISeeCars.com

The pain of inflation has hit every consumer's pocketbook in the past couple of years, but perhaps the impact has been greatest in the car buying market. Mr. Brauer shared research that found that while the value of used electric vehicles has been plummeting in 2023 (and the trend is accelerating), the price of used cars in general has jumped 47% since 2019. He added that more than half of today's used cars also have 20% or more miles than they did three years ago.

**Issues covered:**

**Length: 9:01**

**Consumer Matters**  
**Transportation**

**LeRoy Hood, MD, PhD**, biologist who has served on the faculties at the California Institute of Technology and the University of Washington, developed ground-breaking scientific instruments which made possible major advances in the biological and medical sciences, author of *"The Age of Scientific Wellness"*

Dr. Hood discussed the reasons that medicine is undergoing a major transformation from a reactive, hit-or-miss approach to a personalized, predictive, data-rich, and preventive one. He calls this new form of care "scientific wellness", which uses information from our blood and genes, as well as AI, to optimize our health and extend our "healthspan." He believes this new technology can eventually conquer heart disease, Alzheimer's disease and many other illnesses, with noticeable progress within five years.

**Issues covered:**  
**Personal Health**  
**Technology**

**Length: 8:15**

**Tobias Rose-Stockwell**, author of *"Outrage Machine: How Tech Amplifies Discontent, Disrupts Democracy—And What We Can Do About It"*

The original internet was not designed to make us upset, distracted, confused, and outraged. But Mr. Tobias explained why something unexpected happened at the turn of the last decade, when a handful of small features were quietly launched at social media companies with little fanfare. Together, they triggered a cascading set of dramatic changes to how media, politics, and society itself operate. He explained what needs to happen to find a promising pathway back to a healthier online environment.

**Issues covered:**  
**Social Media**  
**Mental Health**

**Length: 5:14**

Show # 2023-35

**Date aired:** 8/27/2023 **Time Aired:** 5:00 am

**Anna Mills**, textbook author, English instructor at the College of Marin, member of a joint Artificial Intelligence task force with the Modern Language Association and College Conference on Composition and Communication

AI chatbots have triggered a panic among educators, who are flooding listservs, webinars and professional conferences to figure out how to deal with the technology in this new academic year. Ms. Mills explained why many professors are expecting chaos. She said few universities are offering clear guidelines for teachers or students. She also talked about the difficulty of detecting AI-generated cheating.

**Issues covered:**  
**Higher Education**  
**Artificial Intelligence**

**Length: 7:50**

**J. Scott Roberts, PhD**, Professor in Health Behavior and Health Education at the University of Michigan, Associate Director of a poll from the University of Michigan Institute for Healthcare Policy and Innovation

Prof. Roberts led a poll of people age 65 to 80 and found that while 80% adults see the benefit of tests that can give an early warning of memory and thinking decline, 80% of older adults said they haven't had a cognitive test in the past year to look for early signs of dementia, and 59% reported never having had such a screening. He said the poll also found very low awareness of blood tests that can help detect Alzheimer's disease.



**Issues covered:**  
Personal Health  
Technology

**Length: 9:17**

**Peter Clark**, Applied Forest Ecologist at the Rubenstein School of Environment and Natural Resources at the University of Vermont

The US Forest Service has been given taxpayer funding to plant more than a billion trees across the country in the next nine years. Prof. Clark's research found a troubling bottleneck that could threaten these efforts: U.S. tree nurseries don't grow nearly enough trees—nor have the species diversity needed—to meet the unprecedented plans. He talked about the reasons behind the problem and what can be done to remedy it.

**Issues covered:**  
Environment  
Government

**Length: 5:13**

Show # 2023-36

**Date aired:** 9/3/2023 **Time Aired:** 5:00 am

**ChatGPT**, an artificial-intelligence (AI) chatbot

ChatGPT was launched as an artificial intelligence prototype on November 30, 2022, quickly gaining much attention for its detailed responses and articulate answers across many topics. It explained how was it trained and learns, and what its biggest weakness are. It acknowledged that the concerns about potential biases in its answers are legitimate. It also outlined the top 5 human endeavors in which it anticipates making the biggest impact.

**Issues covered:**  
Artificial Intelligence  
Technology  
Employment

**Length: 9:29**

**Andrew Houtenville, PhD**, Professor of Economics at the University of Hampshire, Research Director of the UNH Institute on Disability

Prof. Houtenville discussed recent findings from the National Trends in Disability Employment report, issued semi-monthly by Kessler Foundation and the University of New Hampshire. He explained what is driving historic highs in employment of people with disabilities, and why disabled employment has outstripped the non-disabled since the start of pandemic lockdowns.

**Issues covered:**  
Disabilities  
Employment

**Length: 7:59**

**Erin Dooley, PhD**, Assistant Professor of Epidemiology at the University of Alabama at Birmingham School of Public Health

Prof. Dooley was the lead researcher of a study that measured the number of daily steps that may make a difference in the risk of heart problems in senior citizens. Her study of people ages 70 and older found walking an additional 500 steps per day, or an additional quarter mile of walking, was associated with a 14% lower risk of heart disease, stroke or heart failure.

**Issues covered:**  
Personal Health  
Senior Citizens

**Length: 5:06**

Show # 2023-37

Date aired: 9/10/2023 Time Aired: 5:00 am

**Erica Eversman**, President of the Automotive Education and Policy Institute in Akron, OH

Drivers are looking for ways to save money on auto insurance as premiums rise rapidly. Ms. Eversman explained a new offering from some insurance companies: usage-based car insurance programs, where the insured agrees to share detailed data about their driving habits with their insurer via a phone app or an in-vehicle device. She said the data does permit insurance companies to evaluate risk better and better match the price of the insurance for the risk, but at a steep cost to consumers' privacy and legal rights.

**Issues covered:**

**Length: 8:55**

**Consumer Matters**  
**Auto Insurance**  
**Legal Matters**

**Caroline Leaf, PhD**, clinical and cognitive neuroscientist, author of "*How to Help Your Child Clean Up Their Mental Mess*"

Increasingly, children ages 3-10 are struggling with anxiety, depression, and mental health challenges. Dr. Leaf discussed the factors behind this trend and warning signs that parents should watch for. She said if left unaddressed, childhood mental health problems often follow kids into their teens and adulthood.

**Issues covered:**

**Length: 8:15**

**Child Mental Health**  
**Parenting**

**Edgar Dworsky**, Founder & Editor of ConsumerWorld.com

Grocery costs for Americans have skyrocketed in the past two years. Mr. Dworsky discussed the subtle trend of "shrinkflation," in which many manufacturers shrink their packaging, rather than raising prices. He explained what products most commonly are affected, and ways that consumers can protect themselves against the tricky practice.

**Issues covered:**

**Length: 5:01**

**Consumer Matters**

Show # 2023-38

Date aired: 9/17/2023 Time Aired: 5:00 am

**Ryan P. Burge, PhD**, sociologist, Assistant Professor of Political Science at Eastern Illinois University, co-author of "*The Great Dechurching: Who's Leaving, Why Are They Going, and What Will It Take to Bring Them Back?*"

The largest and fastest religious shift in US history is in progress. Prof. Burge co-authored a comprehensive study to learn who is leaving organized religion and why. He said the most common reason people stopped attending church was because they moved, and that lower-income people with a high school education or less are the most likely to leave. He also talked about societal effects when faith-based community services such as food banks, after-school programs and prison ministries disappear.

**Issues covered:**

**Length: 9:22**

**Religion**



**Chris Carosa, MBA**, Certified Trust & Financial Advisor, Senior Contributor to Forbes.com, author of *"Hey! What's My Number: How to Improve the Odds You Will Retire in Comfort"*

A recent New York Life survey found that Americans believe they need \$4.3 million stashed away to retire comfortably. Unfortunately, the average person has around \$135,000 saved. Mr. Carosa explained how to determine how much money will really be needed for a comfortable retirement, along with simple steps to get there.

Issues covered:  
**Retirement Planning**  
**Personal Finance**

Length: 8:03

**Kevin Fiscella, MD, MPH**, Associate Professor of Family Medicine and Community & Preventive Medicine at the University of Rochester School of Medicine & Dentistry

Dr. Fiscella discussed his groundbreaking research that found that the lives of nearly 8,000 black Americans could be saved each year if doctors could figure out a way to bring their average blood pressure down to the average level of whites. He talked about the reasons behind the gap between the races in controlling blood pressure, and the possible ways to reduce it.

Issues covered:  
**Personal Health**  
**Minority Concerns**

Length: 4:50

Show # 2023-39

**Date aired:** 9/24/2023 **Time Aired:** 5:00 am

**Diane Mullins**, founder of Deborah's Voice, a national non-profit women's advocacy organization

Pastor Mullins said that child trafficking has become the 2nd largest criminal activity in the world behind illegal drug sales. She said most Americans are unaware of the existence of human trafficking and forced prostitution in their own towns, but it is surprisingly prevalent – not just on dimly lit street corners, but at music concerts, VIP dinners, and sporting events. She talked about techniques used by human traffickers to select their victims.

Issues covered:  
**Human Trafficking**  
**Women's Issues**  
**Crime**

Length: 7:26

**Dawn Graham, PhD**, psychologist, employment and career expert, Director of Career Management for the Executive MBA Program at The Wharton School, author of *"Switchers: How Smart Professionals Change Careers -- and Seize Success"*

Dr. Graham offered job search advice, particularly for those in middle age who are considering career changes. She said a job search in a new field or occupation requires much more work than a typical job search. She offered suggestions on how to tailor a resume to sidestep age biases and other potential hurdles.

Issues covered:  
**Career**  
**Aging**

Length: 9:45



**Susie Vanderlip**, teen counselor, author of "*52 Ways to Protect Your Teen*"

Ms. Vanderlip has conducted school assemblies for more than 1 million teens and adults, aimed at helping youth make wise choices and seek help. She talked about the motivations of today's teenagers and why parents may be fearful of their kids. She offered tips to improve communication in a parent/teen relationship.

**Issues covered:**

**Youth at Risk**  
**Parenting Issues**  
**Drug Abuse**

**Length: 4:54**