

The following is a listing of some of the significant issues responded to by Radio Station WGFM/WGFE - (FM) along with the most significant programming treatment of those issues for the period 10/1/2019 to 12/31/2019
 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.
Public Affairs	Red Kettle Fund	10/1-12/31	All dayparts	:30	:30 live mentions to publicize The Salvation Army Red Kettle Fund. Live broadcasts in Traverse City from Noon-2pm on 11/9 and 12/7

Public Affairs	Blanket The North	11/4-12/06	All dayparts	:60	:60 live and recorded promos urging listeners to donate blankets Live broadcasts 11am-1pm in Cheboygan (11/14) Cadillac (11/21) and Traverse City (12/5)
Public Affairs	Swing Shift & The Stars	10/28-11/15	All dayparts	:30	:30 live mentions to promote Swing Shift & The Stars lip-sync contest to benefit local charitable organization, Spark In The Dark. Black Diamond was a major sponsor
Public Affairs	Toys For Tots	11/18-11/23	All dayparts	:30	:30 live mentions to promote Toys For Tots kickoff event in Traverse City on 11/23



Weekly Public Affairs Program

Call Letters: WGFM

QUARTERLY ISSUES REPORT, OCTOBER-DECEMBER, 2019

Show # 2019-40

Date aired: 10/6/19 Time Aired: 5:00 am

Penelope (Penny) Muse Abernathy, Knight Chair in Journalism and Digital Media Economics at the University of North Carolina, former executive at The Wall Street Journal and The New York Times

Prof. Abernathy discussed the accelerating collapse of local newspapers, and the effect of consolidation and distant owners on papers that do survive. She talked about the numerous ways that the loss of a local newspaper is often devastating to a small community. She also explained why new digital news organizations are unable to fulfill the community role that a traditional newspaper once did.

Issues covered:

Length: 8:56

**Media
Local Civics**

Arthur “Tim” Garson, MD, physician, health policy expert, Director of the Health Policy Institute at the Texas Medical Center, co-author of *Exposing the 20 Medical Myths: Why Everything you Know about Health Care is Wrong and How to Make it Right.*

Dr. Garson talked about some of the most common misconceptions about the nation’s healthcare system. He believes it is possible to actually reduce the cost of healthcare, rather than simply slowing down the rate of increase. He talked about the proposals of Medicare-for-All and explained steps that can be taken to reduce wasted medical care dollars.

Issues covered:

Length: 8:24

**Workplace Matters
Productivity**

Louis Brown, PhD, Associate Professor of Health Promotion and Behavioral Sciences at the University of Texas UTHealth School of Public Health

Prof. Brown led a study that examined the effectiveness of an innovative strategy called “Teens Against Tobacco.” He found that the program was an effective strategy to deter tobacco use in middle and high school students, at least in the short-term. He plans future research to determine its long-term results.

Issues covered:

Length: 5:09

**Substance Abuse
Vaping
Youth at Risk**

Show # 2019-41

Date aired: 10/13/19 Time Aired: 5:00 am

Laura M. Bogart, PhD, Senior Behavioral Scientist at the RAND Corporation, a nonprofit research organization that develops solutions to public policy challenges

Dr. Bogart directed a five-week obesity prevention program for seventh grade students that helped obese students lose an average of nine pounds over the following two-year period. She outlined the methods that were most effective, which included school-wide environmental changes and encouragement to eat healthy school cafeteria foods, along with a student-led education and marketing campaign.

Issues covered:

Length: 8:26

**Childhood Obesity
Education
Parenting**

Susan S. Silbey, PhD, Leon and Anne Goldberg Professor of Humanities, Professor of Sociology and Anthropology, Professor of Behavioral and Policy Sciences, Sloan School of Management at the Massachusetts Institute of Technology

The number of women enrolling in engineering school has increased steadily over the past four decades, but Dr. Silbey said one-third of women graduates soon leave the profession to pursue other careers. She said the reasons behind this problem are primarily related to the culture of engineering itself. She offered suggestions for women who are entering the profession, and explained why an engineering career should be such an attractive option for women.

Issues covered:

Length: 8:47

**Women's Issues
Discrimination
Career**

Dong Zhao, PhD, Assistant Professor of Construction Management, Michigan State University

Prof. Zhao led a study that found that more than 50 percent of potential energy savings from energy efficient homes can be lost if users don't know how to use the buildings properly. Dr Zhao said this is a concern both for individual homeowners as well as for commercial property owners.

Issues covered:

Length: 4:57

**Energy
Consumer Matters**

Show # 2019-42

Date aired: 10/20/19 Time Aired: 5:00 am

John Snook, Executive Director of the Treatment Advocacy Center, a national nonprofit organization dedicated to eliminating barriers to the timely and effective treatment of severe mental illness

Mr. Snook discussed the increasing rates of homelessness across the country. He said that most of the chronically homeless have a serious mental illness and usually a co-occurring substance abuse problem. He said while affordable housing is also an important contributor to the problem, the main issue is that those who are in need of serious medical treatment of mental illness are not getting it. He said many cities and states have failed to amend their laws relating the mentally ill to keep up with the medical research.

Issues covered:
Homelessness
Mental Illness
Substance Abuse
Government Policies

Length: 8:31

Jo Boaler, PhD, Professor of Education and Equity at Stanford University, Faculty Director of youcubed—an education resource that has reached over 230 million students, co-author of *“Limitless Mind: Learn, Lead, and Live Without Barriers.”*

Prof. Boaler discussed the latest research into neuroplasticity, the science that examines how the human brain is constantly growing and changing. She said whenever a student is struggling, that is the best time for brain growth. She said the brain is highly adaptable and that anyone can learn anything at any age, although learning does take longer as we age.

Issues covered:
Education
Personal Health

Length: 8:44

Ellen Smit, PhD, Nutritional Epidemiologist, Associate Professor at Oregon State University College of Public Health and Human Sciences

Dr. Smit led a study that examined four barometers of whether someone's behavior could be considered healthy, and the results were dismal. She found that fewer than 3% of all Americans have a genuinely healthy lifestyle. She explained the importance of the four criteria and the health impacts of each.

Issues covered:
Personal Health
Obesity

Length: 5:02

Show # 2019-43

Date aired: 10/27/19 Time Aired: 5:00 am

Teesha Hadra, co-author of *“Black and White: Disrupting Racism One Friendship at a Time”*

Ms. Hadra talked about the surprising ways that building friendships with people of other races can shape and move them toward taking actions against racism. She said that the limited definition of racism that most people have can set a very low bar for their conduct. She said well-meaning people can passively participate in racism by simply being unaware of it.

Issues covered:
Racism
Minority Concerns

Length: 8:31

Kenneth P. Rosenberg, MD, Distinguished Fellow of the American Psychiatric Association with a private practice in Manhattan, Clinical Associate Professor of Psychiatry at the New York-Presbyterian/Weill Cornell Medical Center, author of *“Bedlam: An Intimate Journey Into America's Mental Health Crisis.”*

Dr. Rosenberg discussed the ineffective way that America handles the mentally ill. He said while those with serious mental illness were once treated in mental institutions and asylums, now they end up on the streets and in prisons. He said those with serious mental illness die an average of 28 years earlier than other Americans. He talked about potential reforms and the importance of initiating a national conversation about the problem.

Issues covered:

Length: 8:44

**Mental Health
Government Policies
Law Enforcement**

Melissa Stormont, PhD, Professor of Special Education, University of Missouri College of Education

Prof. Stormont led a study that found that a very simple readiness test can predict kindergarteners' success in school after 18 months. She said identifying students early in the academic year who may need additional support can allow teachers and parents more time to build essential academic and social behavioral skills. She outlined steps that parents can take to prepare their children for kindergarten.

Issues covered:

Length: 5:02

**Early Childhood Education
Learning Disabilities
Parenting**

Show # 2019-44

Date aired: 11/3/19 Time Aired: 5:00 am

Brianne Doura, Legislative Director, National Council on Problem Gambling

Ms. Doura discussed the high rate of gambling addiction among military personnel and veterans. She said that gambling addiction is treated differently than other addictions, causing members of the military to be reluctant to seek help. She discussed federal legislation that aims to address the problem.

Issues covered:

Length: 8:04

**Gambling Addiction
Military Affairs
Government Policies**

Rachel Voth Schrag, PhD, domestic violence expert, Assistant Professor in the School of Social Work at The University of Texas at Arlington

Prof. Voth Schrag outlined the results of her study into an overlooked form of psychological abuse—educational sabotage. She explained that educational sabotage is a form of coercive control intended to prevent the victim from furthering their education. She said this form of abuse has a significant impact on the victim's ability to complete their education and eventually affects their economic independence and safety.

Issues covered:

Length: 8:59

**Domestic Violence
Education**

Massimiliano Delferro, Ph.D., Chemist, Group Leader Catalysis Science Program, Chemical Sciences and Engineering Division, at the U.S. Department of Energy's Argonne National Laboratory

Today, Americans throw away over three-quarters of plastics after one-time use. Dr. Delferro led a team that developed a chemical recycling method for converting some discarded plastics into higher quality products, for eventual use in everyday products like detergents and cosmetics. He said while the catalyst still needs further development, his results look very promising and the technology is 5-10 years from being viable from an economic standpoint.

Issues covered:

Length: 4:51

Recycling

Scientific Research

Show # 2019-45

Date aired: __ 11/10/19 __ Time Aired: __ 5:00 am __

Michael Lindsey, PhD, Executive Director of the McSilver Institute for Poverty Policy and Research at New York University

Dr. Lindsey was the lead author of a study that found that suicide attempts are rising among black teens in the U.S., even as they fall among youth from other groups. He said researchers are puzzled as to why traditional precursors to suicide attempts like thinking about or planning a suicide are decreasing while actual attempts are going up. He outlined the specific challenges faced by black youth that may be a factor in the trend. He believes mental health counselors must be much more available in schools.

Issues covered:

Length: 9:15

Suicide

Minority Concerns

Youth at Risk

Geoffrey T. Sanzenbacher, PhD, Associate Professor of the Practice of Economics at Boston College, Research Fellow at the Center for Retirement Research at Boston College

Dr. Sanzenbacher was the co-author of a shocking study that found that only about one-quarter of workers ages 50-62 are consistently in traditional jobs with benefits. He said that the longer older workers stay with a particular job without benefits, the more financial damage they do to their retirement preparedness. He also explained the reasons that older workers end up in these jobs.

Issues covered:

Length: 8:05

Employment

Retirement Planning

Kathy Gatford, Ph.D., Senior Lecturer, Adelaide Medical School University, research group leader in the Robinson Research Institute in Australia

Prof. Gatford led a study that found that the more a baby weighs at birth, the higher the risk they will suffer from a childhood food allergy or eczema. Hay fever rates were the only allergy that was not connected to birth weight. She talked about the potential reasons and what expectant parents can learn from the study.

Issues covered:

Length: 4:59

Personal Health

Parenting

Show # 2019-46

Date aired: 11/17/19 Time Aired: 5:00 am

Michael Itzkowitz, Senior Fellow at Third Way, a think tank in Washington, DC

More than 80% of freshmen students say they pursued higher education "to be able to get a better job." Mr. Itzkowitz led a study that found that half of the country's schools in 2018 left the majority of their former students earning less than \$28,000 a year, which is what the typical high school graduate makes. He said that all kinds of colleges led to underwhelming salaries, but for-profit schools typically performed the worst. He offered advice for parents and students.

Issues covered:

Length: 9:15

Higher Education
Federal Spending

Brent Sohngen, PhD, Professor of Environmental and Resource Economics in the Department of Agricultural, Environmental and Development Economics at Ohio State University

Prof. Sohngen led a study that found that while cutting down trees inevitably leads to more carbon in the environment, deforestation's contributions to climate change are vastly overestimated. He said previous estimates overestimated the impact because they did not account for the replanting and management of global forests over the last 70 years.

Issues covered:

Length: 7:57

Climate Change
Environment
Natural Resources

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:

Length: 5:06

Railroad Safety
Child Safety
Parenting

Show # 2019-47

Date aired: 11/24/19 Time Aired: 5:00 am

Chris Wimer, PhD, Senior Research Scientist at Columbia Population Research Center, Co-Director of the Center on Poverty and Social Policy at the School of Social Work at Columbia University

Prof. Wimer discussed his recent report that suggests that the percentage of Americans living in poverty may be underestimated by the official census. He explained that, while all official statistics apply the same rate of inflation to the income of people in all income brackets, his study proposes that inflation is much higher for people at the lower end of the income scale.

Issues covered:

Length: 7:52

Poverty
Economics
Government Spending

David Owen, author of "*Volume Control: Hearing in a Deafening World*"

Millions of Americans suffer from hearing loss, and in most cases, it begins in youth. Mr. Owen talked about the many health effects connected to hearing loss, including heart disease, diabetes, low birth weight, stress and cognitive decline. He talked about the most common everyday sounds that can gradually cause hearing loss, and why people avoid admitting they need a hearing aid or other help.

Issues covered:

Length: 9:09

**Hearing Loss
Aging**

Robert Wilson, PhD, Assistant Professor of Psychology and Cognitive Science, Arizona State University

Educational scholars have long recognized that there is something of a "sweet spot" when it comes to learning. Prof. Wilson led a study using artificial intelligence that determined the sweet spot is when failure occurs 15% of the time. Put another way, it's when the right answer is given 85% of the time. He explained what parents and teachers can learn from the study.

Issues covered:

Length: 5:06

**Education
Parenting**

Show # 2019-48

Date aired: 12/1/19 Time Aired: 5:00 am

Anthony G. Comuzzie, PhD, obesity researcher and scientist with the Department of Genetics at the Texas Biomedical Research Institute in San Antonio

Recent government data shows that since the late 1980s and early 1990s, the average American has put on 15 or more additional pounds without getting any taller. Dr. Comuzzie explained why this is such a grave health concern. He also discussed potential causes and solutions to the nation's epidemic of obesity.

Issues covered:

Length: 8:34

**Obesity
Personal Health**

Doug Lamov, literacy and education expert, Managing Director of Uncommon Schools' Teach Like a Champion team, co-author of "*Reading Reconsidered: A Practical Guide to Rigorous Literacy Instruction*"

Mr. Lamov discussed the importance of teaching students to read with precision, rigor, and insight. He explained how Common Core curriculums are affecting reading programs across the country. He believes that most students are not given challenging enough assignments. He also offered suggestions for parents who want to instill a love of reading in their children.

Issues covered:

Length: 8:44

**Education
Literacy
Government Policies
Parenting**

James Kingsland, Science Production Editor of the London newspaper "The Guardian," author of "Siddhartha's Brain: Unlocking the Ancient Science of Enlightenment"

Mr. Kingsland discussed the latest research by leading neuroscientists and clinical psychologists that suggests that mindfulness practice reconfigures the brains. He said meditation can make people healthier and happier, and that it can help treat stress, chronic pain, hypertension and substance abuse.

Issues covered:
Mental Health
Aging

Length: 4:56

Show # 2019-49

Date aired: 12/18/19 **Time Aired:** 5:00 am

Jennifer B. Johnston, PhD, Assistant Professor of Psychology at Western New Mexico University

Dr. Johnston recently led a study that examined the role that media coverage may play in fueling the increase of mass shootings in the U.S. Her study concluded that one of the most effective ways of curbing mass shooting incidents may be to drastically change how news organizations cover them. She is in favor of an organized campaign to convince media organizations to focus more on the victims, rather than the killer, his weapons and his motivations.

Issues covered:
Media
Mass Shootings

Length: 9:45

Brian Roe, PhD, McCormick Professor of Agricultural Marketing and Policy at Ohio State University

American consumers throw away about 80 billion pounds of food a year. Dr. Roe led a study that examined Americans' attitudes and misconceptions about food waste. He said many consumers think they have good reasons to throw food away, but those perceived benefits are often not real. He noted that food waste is the largest source of municipal solid waste in the U.S. and the most destructive type of household waste in terms of greenhouse gas emissions.

Issues covered:
Environment
Consumer Matters
Food Safety

Length: 7:28

Jan E. Stets, PhD, Professor of Sociology at the University of California, Riverside

Cheating to get ahead is likely to reduce your level of happiness, according to Dr. Stets' research. In her study, participants were given the opportunity to cheat to get ahead. The 30% who cheated were more likely to report a reduction in happiness, once they considered that others would not see them as moral persons.

Issues covered:
Mental Health
Workplace Issues

Length: 4:58

Show # 2019-50

Date aired: 12/15/19 Time Aired: 5:00 am

Steven Woolf, MD, Director Emeritus of the Center on Society and Health at Virginia Commonwealth University

Dr. Woolf led a study that found that mortality rates have increased in 48 states since 2010. He said the Rust Belt and Appalachia have seen some of the most dramatic increases in death rates for Americans, ages 25 to 64. He believes that, while the opioid epidemic is a major factor, the decades-long economic decline and loss of manufacturing jobs for the middle class may be one of the deeper root causes.

Issues covered:

Length: 8:44

**Public Health
Drug Abuse
Economy**

Teru Clavel, global education consultant, author of *World Class: One Mother's Journey Halfway Around the Globe in Search of the Best Education for Her Children*

Students in Asia consistently rank among the best in the world. Ms. Clavel spent a decade living in Asia, with her three children attending public schools in Hong Kong, Shanghai and Japan, before returning to the US. She explained how the American education system has much to learn from its Asian counterparts. She believes that local funding of schools in the US should be replaced by a national education budget, because under the current system, wealthy communities provide a much better education than lower-income communities.

Issues covered:

Length: 8:34

**Education
Federal Spending**

Jamie Amelio, philanthropist, entrepreneur, author of *Staying Bothered: Find Your Passion, Commit to Action, Change the World*

Ms. Amelio explained how every person is capable of affecting real positive change in their communities and around the world if they find one thing that bothers them, then take action to fix it. She shared her own story of a vacation to Cambodia in 2003 that turned into a ground-breaking educational non-profit called Caring for Cambodia.

Issues covered:

Length: 5:08

**Volunteerism
Charity**

Show # 2019-51

Date aired: 12/22/19 Time Aired: 5:00 am

Kim Allan Williams, Sr, M.D., MACC, FAHA, MASNC, FESC, James B. Herrick Professor, Chief of the Division of Cardiology at Rush University Medical Center in Chicago

Heart disease is the leading killer of Americans, and African Americans have the highest risk of cardiovascular disease. Dr. Williams led a recent study of African Americans that found that following a vegan diet for five weeks showed significant improvements in risk factors for heart disease. He also discussed a new blood test called TMAO that he believes may be the best test yet for predicting the risk of heart attack, stroke, or other serious cardiovascular problems.

Issues covered:
Heart Disease
Minority Concerns
Nutrition

Length: 9:59

Sunny Lin, PhD, MS, Assistant Professor in the Oregon Health & Science University-Portland State University School of Public Health

Accessing medical records can improve a patient's quality of care and outcomes. Prof. Lin led a study that found that while more than 95% of patients recently discharged from a hospital had access to electronic records, only 10% of patients bothered to look at them. She outlined steps that hospitals can take to encourage more people to use these records.

Issues covered:
Personal Health
Government Regulations

Length: 7:22

Lyra Logan, Executive Vice President/General Counsel of the Florida Education Fund, a non-profit that creates and implements educational programs for underrepresented groups, MIT Master Trainer in Educational Mobile Computing, author of "*Learn to Program with App Inventor*"

Only about 45% of high schools nationwide offer computer science training. Ms. Logan explained why it is important for all kids to have a basic understanding of computer science. She would like to see computer coding and computer science taught as early as elementary school. She said the biggest hurdle is the shortage of qualified teachers.

Issues covered:
Education
Career

Length: 5:03

Show # 2019-52

Date aired: 12/29/19 Time Aired: 5:00 am

Bob Rusbuldt, CEO of The Independent Insurance Agents & Brokers of America

A consumer survey commissioned by Mr. Rusbuldt's organization found that many homeowners lack adequate insurance coverage, do not fully understand their homeowners policies and do not have enough savings to support their households in the event of a disaster. He discussed the most common misconceptions consumers have regarding homeowners insurance and what to do about it.

Issues covered:
Disaster Preparedness
Consumer Matters

Length: 8:37

Tomas Hult, PhD, Byington Endowed Chair and Professor of Marketing in the Eli Broad College of Business, Director of the International Business Center at Michigan State University

From recycling to reusing hotel towels, consumers who participate in a company's "green" program are more satisfied with its service, according to Dr. Holt's research. He explained the reasons behind these feelings, and the surprising way consumer decisions are affected when companies offer additional participation incentives.

Issues covered:
Recycling
Environment
Consumer Matters

Length: 8:40

Rachel Arocho, PhD, Research Fellow in Human Development and Family Science at Ohio State University

Dr. Arocho led a study that found that teenagers and young adults who expected to get married within the next five years reported committing fewer delinquent acts in the next year than those who weren't thinking about wedding bells. She discussed the possible reasons behind this finding.

Issues covered:
Crime
Youth at Risk

Length: 4:45