

WXMT-FM QUARTERLY ISSUES REPORT, JANUARY - MARCH, 2022

Show # 2022-01-02

Kevin Davis, journalist, author of "The Brain Defense: Murder in Manhattan and the Dawn of Neuroscience in America's Courtrooms"

In the past 25 years, neuroscience has become a prominent factor in many court cases. Defense attorneys are successfully arguing that a defendant may not be responsible for a crime or should receive a lesser punishment because of brain abnormalities or injuries. Mr. Davis discussed how this is changing how judges and juries define responsibility and assign punishment. Issues covered:

Length: 7:22

Criminal Justice

Mental Health 2022-01-09

Richard Horowitz, MD, Lyme disease expert, founder of the Hudson Valley Healing Arts Center in Hyde Park, NY, author of "How Can I Get Better?: An Action Plan For Treating Resistant Lyme And Chronic Disease" Dr. Horowitz said victims of Lyme disease are often misdiagnosed with other illnesses such as chronic

fatigue syndrome, fibromyalgia, multiple sclerosis, or rheumatoid arthritis. He added that the number of Lyme cases is growing at an alarming rate each year, reaching epidemic proportions. He explained how to identify symptoms and work with a qualified specialist for the best possible treatment outcome. Issues covered:

Length: 9:55

Lyme disease 2022-01-16

Personal Health

Robert Hyldahl, PhD, Assistant Professor of Exercise Sciences, Brigham Young University

Dr. Hyldahl co-authored a study that found that running appears to reduce inflammation in the knee joint—not increase it, as commonly believed. He said his research suggests that running may actually protect knees during the aging process, and safeguard against degenerative diseases like osteoarthritis. Issues covered:

Length: 5:01

Personal Health 2022-01-23

Aging

Peter Vincent Pry, PhD, Executive Director of the Task Force on National and Homeland Security, Director of the United States Nuclear Strategy Forum, both of which are Congressional Advisory Boards, former chief of staff of the Congressional EMP Commission, author of “EMP Manhattan

Project: Organizing for Survival Against an Electromagnetic Pulse Catastrophe” Dr. Pry explained the serious threat posed by an electromagnetic pulse (EMP), either naturally

occurring or from a manmade source. He discussed the potential sources of an attack. He said up to 90% of the US population would be dead within a year after such an event. He also outlined the basic steps that could protect the national electrical grid and explained why the US government has failed to act. Issues covered:

Length: 10:07

Electromagnetic Pulse 2022-01-30

Disaster Preparedness

Government

Heather Schwartz, Director of the Pre-K to 12 Educational Systems Program at RAND, a nonprofit research organization

About two in 10 U.S. school districts have already adopted or are considering adopting virtual schools after the end of the COVID-19 pandemic, according to a new RAND Corporation study. Ms. Schwartz explained the reasons behind this, particularly as parents question the effectiveness of online learning. Issues covered:

Length: 7:11

Education 2022-02-06

Government

Technology

Tyler Oesterle, MD, MPH, Psychiatrist, expert in chemical dependency treatment at Mayo Clinic

While COVID-19 has been the focus of so much attention this year, the opioid crisis has continued unabated and has even worsened, as more than 40 states have reported increases in opioid-related deaths. Dr. Osterle discussed the factors driving the increasing rates of substance abuse, and how to recognize when a loved one is struggling with addiction. Issues covered:

Length: 5:06

Substance Abuse 2022-02-13

Ric Edelman, personal finance expert, Chairman/CEO of Edelman Financial Services, LLC

Mr. Edelman has devised a plan he calls “baby bonds,” targeting retirement security. The plan would act as a supplement to Social Security, but it could eventually replace it. The plan would not be at the expense of taxpayers or government borrowing. He said at birth, children would receive an account with \$7,500 via money from investors in government bonds, similar to Series EE bonds. He said an investment at birth in this type of proposal would grow to become the equivalent of an average person’s Social Security benefit.<sup>3</sup>

Issues covered:

Length: 8:44

Personal Finance 2022-02-20

Retirement Planning

Parenting

Harrison Fell, PhD, Associate Professor of Energy Economics at North Carolina State University

Prof. Fell shared the results of his recent study that found that the environmental benefits of renewable power generation vary significantly, depending on what type of conventional power generation that the renewable energy is replacing. He explained why environmental benefits often cross regional lines. He said he hopes that his findings will help target future renewable energy investments in places where they can have the greatest impact. Issues covered:

Length: 8:20

Renewable Energy 2022-02-27

Environment

Government

Mical Raz, M.D., Ph.D., M.Sc., Associate Professor of History at the University of Rochester, physician at the University of Rochester 's Strong Memorial Hospital, author of “Abusive Policies: How

the American Child Welfare System Lost its Way” Black children are removed from their families at much greater rates than any other ethnic group. Dr. Raz discussed the role of race, poverty and substance abuse in the issue. She said most custody

investigations relate to neglect, rather than sexual or severe physical abuse. She believes parents accused of neglect should retain custody of their children while receiving additional government support and assistance. Issues covered:

Length: 5:01

Child Abuse/Neglect 2022-03-06

Minority Concerns

Poverty

Jason Nagata, MD, MSc, Assistant Professor of Pediatrics at the University of California, San Francisco

Dr. Nagata led a recent study that found a 25% increase in food insufficiency during the COVID-19 lockdowns. Food insufficiency, the most extreme form of food insecurity, occurs when families do not have enough food to eat. He found that black and Latino Americans had over twice the risk of food insufficiency compared to whites. He said hunger, exhaustion, and worrying about not getting enough food to eat may worsen depression and anxiety symptoms, but that free groceries from food banks and similar sources alleviated the mental health burden of food insufficiency. Issues covered:

Length: 7:36

Food Insecurity 2022-03-13

Mental Health

Minority Concerns

Charitable Contributions4

Justin Ezekowitz, MBBCh, MSc, Co-Director, Canadian VIGOUR Centre, Director of Cardiovascular

Research and Professor in the Division of Cardiology at the University of Alberta

Prof. Ezekowitz led a study that found that women face a 20% higher risk than men of death or heart failure during the five years following a heart attack. He outlined the potential reasons for this trend and how it may be addressed. He said the increasing availability of new procedures to diagnose and treat heart attacks at smaller hospitals has improved survival rates for all patients. Issues covered:

Length: 9:38

Heart Disease 2022-03-20

Women's Concerns

Rachel Cruze, personal finance expert, author of "Know Yourself, Know Your Money: Discover WHY You Handle Money the Way You Do, and WHAT to Do About It!"

40% of Americans during the pandemic could not cover a \$400 emergency in cash. Ms. Cruze explained the psychology that influences how we spend and save money, and how to change those ingrained habits.

Issues covered:

Length: 5:10

Personal Finance 2022-03-27

Show # 2021-05

Henry A. Spiller, MS, D.ABAT., Director of the Central Ohio Poison Center at Nationwide Children's Hospital in Columbus, OH

Each day In the United States, Poison Control Centers receive an average of 32 calls about children exposed to prescription opioids. Dr. Spiller explained what child is most at risk, how adults can prevent children and adolescents from gaining access to these drugs, and how to properly dispose of unused prescriptions. Issues covered:

Length: 8:22