FCC QUARTERLY REPORT:
ISSUES AND PROGRAMS REPORT
For WTVS DETROIT PUBLIC TELEVISION

FOR THE PERIOD OF:
July 1st, 2019 through September 30th, 2019
Prepared: 9/23/2019

Introduction

In an effort to be responsive to the issues of current concern in the Detroit/Metro community, WTVS has chosen to broadcast programming reflective of these issues, with the intention of creating greater awareness of these concerns among our viewers.

Community Issues Addressed This Quarter:

Biography/History
Culture/Arts
Education
Health/Health Care
Science/Nature
Leadership/Public Policy
****BIOGRAPHY/HISTORY****

Issue: BIOGRAPHY/HISTORY
Series Title: Queen Mother
            (Episode 101 & 102)

Produced by: McGee Media, LLC
Type: Documentary
Dates Aired: 7/01/2019 (#101) 10pm 56.1 45 minutes
            7/01/2018 (#102) 10:45pm 56.1 45 minutes

Series Description: Wife, monarch and much-loved public figure – Queen Elizabeth, the Queen Mother was one of the most respected members of the British Royal family. This moving profile reveals the dramatic inside story of the Queen Mother’s life, highlighting the moments of pain and upheaval that ultimately defined her legacy. Find out how she and King George VI steered the country through the darkness of World War Two, and how she later forged a new role for herself as the senior matriarch of the Royal Family. With testimonies from royal experts and insiders, as well as extensive archive materials, The Queen Mother forensically examines the life of a woman with a will of iron, determined to protect the British monarchy.

Issue: BIOGRAPHY/HISTORY
Program Title: Chasing the Moon
Series Title: American Experience Episode 3103, 3104 and 3105
Produced by: Robert Stone Productions, LTD
Type: Documentary
Dates Aired: 7/08/2019 (3103) 9:00pm 56.1 120 minutes
            7/09/2019 (3104) 9:00pm 56.1 120 minutes
            7/10/2019 (3105) 9:00pm 56.1 120 minutes

Series Description: Explore the early days of the space race, the struggle to catch up with the Soviet Union and the enormous stakes in the quest to reach the moon.

Program Descriptions: #3103 Part One: A Place Beyond the Skies: This episode reveals both the breathtaking failures and successes of the developing U.S. space program.
#3104 Part Two: Earthrise: Discover what it took to beat the Soviet Union to the moon in the space race. In the turbulent and troubled '60s, the U.S. space program faced tragedy with Apollo 1, but made a triumphant comeback with Apollo 8.

#3105 Part Three: Magnificent Desolation: Experience the triumph of the first moon landing, witnessed by the largest TV audience in history. But dreams of space dramatically intersect with dreams of democracy, raising questions of national priorities and national identity.

Issue: BIOGRAPHY/HISTORY
Program Title: Raul Julia
Series Title: American Masters (Episode 3208)
Produced by: NGL Media
Type: Documentary/Interview
Dates Aired: 9/13/2019 11:00pm 56.1 90 minutes

Description: Discover the life and career of Raul Julia, the charismatic, award-winning actor and humanitarian known for versatile roles on stage and screen, from Shakespearean plays to "The Addams Family."

Issue: BIOGRAPHY/HISTORY
Program Title: Queen Victoria and Her Nine Children
(Episode 101 thru 103)
Produced by: BBC
Type: Documentary
Dates Aired: 7/15/2019 Episode 101 10pm 56.1 45 minutes
7/15/2019 Episode 102 10:43pm 56.1 45 minutes
7/15/2019 Episode 103 11:27pm 56.1 45 minutes

Description: This is the story of Queen Victoria – a widow in mourning who had to raise her nine children on a very public stage. Queen Victoria and Prince Albert were an unusually devoted couple with strong ideas about the role of the Royal Family. But when Albert died, Queen Victoria was left a single (career) mother. Queen Victoria and Her Nine Children explores Victoria’s struggle to mourn her husband’s death, carry out her royal duties and keep both her family and public in check. It’s a fascinating glimpse at the private tensions that rumbled behind Queen Victoria’s impressive public façade.
Issue: BIOGRAPHY/HISTORY
Program Title: Woodstock: Three Days That Defined A Generation
Series Title: American Experience (Episode 3106)
Produced by: Ark Media LLC
Type: Documentary
Dates Aired: 8/6/2019  9:00pm  56.1  120 minutes

Description: Celebrate the 50th anniversary of the concert that became a touchstone for a generation. The film brings the three-day concert to life through the voices of those who were present at what became the defining moment of the counterculture revolution.

Issue: BIOGRAPHY/HISTORY
Program Title: Episode 101: The Rub (Beginnings – 1933)
Episode 102: Hard Times (1933 – 1945)
Episode 103: The Hillbilly Shakespeare (1945 – 1953)
Episode 104: I Can’t Stop Loving You (1953 – 1963)
Episode 105: The Sons and Daughters of America (1964 – 1968)
Episode 106: Will the Circle be Unbroken? (1968 – 1972)

Series Title: Country Music
Produced by: The Country Music Film Project, LLC
Type: Documentary
Dates Aired: 9/15/2019 #101  8:00pm  56.1  120 minutes
9/16/2019 #102  8:00pm  56.1  120 minutes
9/17/2019 #103  8:00pm  56.1  120 minutes
9/18/2019 #104  8:00pm  56.1  120 minutes
9/22/2019 #105  8:00pm  56.1  120 minutes
9/23/2019 #106  8:00pm  56.1  120 minutes
9/24/2019 #107  8:00pm  56.1  120 minutes
9/25/2019 #108  8:00pm  56.1  120 minutes

Series Description: Explore the history of country music - from its roots in ballads and hymns to its eventual mainstream success - and meet the unforgettable characters and storytellers who made it "America's Music." Directed by Ken Burns.
Episode Descriptions:

#101 See how what was first called "hillbilly music" reaches new audiences through phonographs and radio, and launches the careers of country music's first big stars, the Carter Family and Jimmie Rodgers.

#102 Watch as Nashville becomes the heart of the country music industry. The genre grows in popularity during the Great Depression and World War II as America falls in love with singing cowboys, Texas Swing and the Grand Ole Opry's Roy Acuff.

#103 See how the bluegrass sound spreads in post-war America, and meet honky-tonk star Hank Williams, whose songs of surprisingly emotional depth are derived from his troubled and tragically short life.

#104 See how the bluegrass sound spreads in post-war America, and meet honky-tonk star Hank Williams, whose songs of surprisingly emotional depth are derived from his troubled and tragically short life.

#105 See how country music reflects a changing America, with Loretta Lynn speaking to women everywhere, Merle Haggard becoming "The Poet of the Common Man" and audiences looking beyond race to embrace Charley Pride.

#106 Learn how country music responds to a nation divided by the Vietnam War, as Army captain turned songwriter Kris Kristofferson sets a new lyrical standard, and artists like Bob Dylan and the Byrds find a recording home in Nashville.

#107 Witness a vibrant era in country music, with Dolly Parton finding mainstream success; Hank Williams, Jr. and Rosanne Cash emerging from their famous fathers' shadows; and Willie Nelson and Waylon Jennings launching the "Outlaw" movement.

#108 Learn how "New Traditionalists" like George Strait, Randy Travis and the Judds help country music stay true to its roots. Witness both the rise of superstar
Garth Brooks and the return of an aging Johnny Cash to the industry he helped create.

*****ARTS/CULTURE*****

Issue: ARTS/CULTURE
Program Title: A Capitol Fourth, 2019
Produced By: Capital Concerts, Inc.
Type: Live Performance
Dates Aired: 7/4/2019 8pm 56.1 90 minutes

Description: A CAPITOL FOURTH kicks off our country's 243rd birthday with all-star performances by some of the country's best known and award-winning musicians in performance with the National Symphony Orchestra and by top pops conductor Jack Everly. This tradition puts viewer's front and center for America's birthday party with display of fireworks lighting up the iconic D.C. skyline. Broadcast live on PBS from the West Lawn of the U.S. Capitol.

Issue: ARTS/CULTURE
Program Title: Concert of Colors
Series Title: American Black Journal (Episode 4732)
Produced by: WTVS
Type: Interview / Roundtable Discussion
Dates Aired: 7/14/2019 9:30am 56.1 15 minutes

Description: The celebration of music and diversity is in full swing here in Detroit. The 27th annual Concert of Colors features performances at several locations in the city’s Midtown district. We caught up with musician, Don Was as he rehearsed for the summer festival. And an in studio interview with the festival’s founder, Ismael Ahmed.
Issue: ARTS/CULTURE
Program Title: All of the Tree
Series Title: Detroit Performs #901
Produced by: WTVS
Type: Featured Stories
Dates Aired: 7/23/2019  7:30pm  56.1  30 minutes

Description: In this episode of Detroit Performs: Woodturner Steve Kolpacke takes us through the process of creating his beautiful wood sculptures and functional pieces; author and leaf painter Jennifer Lanzilotti shares her story of recently finding her inner artist; and painter Tania Dibbs paints to save the planet. Plus, DJ Oliver checks out the exhibition “Beyond Constraint” at the Janice Charach Gallery in the Jewish Community Center of Metro Detroit.

Issue: ARTS/CULTURE
Program Title: Moses & Pretti Teej, Hubert Massey, Siena Liggins
Series Title: MetroArts Detroit (Episode 801)
Produced by: Wayne State University
Type: Performance / Interview
Dates Aired: 8/2/2019  5:30pm  56.1  30 minutes

Description: On today's show, we'll explore cultural connections with performers Moses and Pretti Teej, we'll meet Master Artist Dr. Hubert Massey, and we'll have an in-studio performance from singer-songwriter Siena Liggins.

Issue: ARTS/CULTURE
Program Title: Detroit Jazz Festival Live 2019
Produced By: WTVS
Type: Live Performance
Dates Aired: 9/1/2019  8pm  56.1  1 hour 40 mins

Description: Soul singer Dee Dee Bridgewater performs live with The New Orleans Jazz Orchestra from the Chase Stage at the Detroit Jazz Festival presented by Quicken Loans.
Issue: ARTS/CULTURE
Program Title: Il Volo: Ten Years
Produced By: WTVS
Type: Performance
Dates Aired: 9/2/2019 9pm 56.1 120 minutes

Description: Ten years of friendship, memories, and music. International superstars Il Volo are back with their sixth PBS special, Il Volo: Ten Years, in honor of their tenth anniversary of making music. In this new concert, the trio performs in the ancient city of Matera, Italy among the beautifully unique landscape. In this program, Il Volo celebrates their ten year anniversary by performing their well-loved hits, like Grande Amore and Il Mondo, as well as tracks from their new album, Musica.

Issue: ARTS/CULTURE
Program Title: Now Hear This: Something Completely Different
Series Title: Great Performances (Episode 4405)
Produced By: Arcos Film & Music Production LLC
Type: Performance
Dates Aired: 9/20/2019 10pm 56.1 60 minutes

Description: Explore northern Italy with Maestro Scott Yoo and discover how Vivaldi’s classical masterwork "The Four Seasons" merged religious melodies, opera and virtuosic violin playing to create a new era of music.

Issue: ARTS/CULTURE
Program Title: Porvenir, Texas (Episode 303)
Adios Amor – The Search for Maria Moreno (Episode 302)
Series Title: VOCES
Produced By: Episode 303 – Christina Fernandez Shapter
Episode 302 – Laurie Coyle
Type: Documentary
Dates Aired: 9/20/2019 (#303) 11pm 56.1 60 minutes
9/27/2019 (#302) 11pm 56.1 60 minutes

Series Description: Celebrate the rich diversity of Latino life in this showcase of outstanding documentaries.
Episode Descriptions:

#303 Discover the true story behind the 1918 massacre of 15 Mexican men in this tiny border town. The film asks what led to the events of that fateful night and reveals the tensions that still remain along the border a century later.

#302 See how the discovery of lost photographs sparks the search for a hero that history forgot - Maria Moreno, an eloquent migrant mother of 12 who became an outspoken leader for farmworker rights. Her legacy was buried - until now.
****EDUCATION****

**Issue:**

**Program Title:**

#201 Inuit Culture in Nunavut and Grizzly Bears in British Columbia

#202 Nova Scotia, Quebec, Newfoundland and Labrador

#203 Yukon Gold Rush and the Islands of Newfoundland

#204 Saskatchewan and Manitoba

#205 British Columbia's Okanagan and Northern Ontario

#206 Alberta to British Columbia by Rail and The Northwest Territories

**Series Title:**

Seeing Canada

**Produced by:**

Brandy Yanchyk/Brandy Y Productions

**Type:**

Documentary

**Dates Aired:**

7/1/2019 (#201)  7:30pm  56.1  30 minutes

7/8/2019 (#202)  7:30pm  56.1  30 minutes

7/15/2019 (#203)  7:30pm  56.1  30 minutes

7/22/2019 (#204)  7:30pm  56.1  30 minutes

7/29/2019 (#205)  7:30pm  56.1  30 minutes

**Series Description:**

Brandy Yanchyk's travel documentary, Seeing Canada, will connect viewers to the "Signature Experiences" Canada has to offer. Viewers will experience Canada's iconic nature, thrilling adventures and unique, varied culture through Brandy's eyes. These Signature Experiences have been fully vetted by the Canadian government's tourism department (known as Destination Canada).

These experiences are adventurous in nature, making for great television! Rather than focus on current events, Seeing Canada's focus will be on the vibrant cities, culinary delights, world-class attractions, unique characters and natural wonders of Canada. Through Brandy's charm, sense of humor and curiosity, the audience will have the chance to learn something new about even the most familiar of destinations. Through her bold, adventurous spirit, we will be inspired to take an adventure ourselves. Through her compassion and sensitivity, we will see all the strands that make Canada worth seeing.

**Episode Descriptions:**

#201  Brandy Yanchyk travels to Iqaluit, Nunavut to learn about Inuit culture and view grizzly bears in Bella Coola, British Columbia.
Brandy Yanchyk boards an expedition vessel and explores Sable Island, the Magdalene Islands, Bonaventure Island, Gros Morne National Park and Cape Breton Island.

Brandy Yanchyk travels to Dawson City, Yukon to learn about its gold rush history. Next, she explores the remote communities of Twillingate, Change and Fogo Islands in Central Newfoundland.

Brandy Yanchyk has a cowboy experience in Saskatchewan and searches for beluga whales and polar bears in Churchill, Manitoba.

Brandy explores the delights of the Okanagan in British Columbia. Then she learns to sail and find amethyst in Thunder Bay, Ontario.

Brandy takes the VIA Rail train from Jasper, Alberta, through Prince George to Prince Rupert, British Columbia. Next, she explores the Northwest Territories.

Issue: EDUCATION
Program Title: 31 Days in the Life of a School Principal
Series Title: American Black Journal (Episode 4731)
Produced by: WTVS / Detroit Public Television
Type: Interview / Roundtable discussion
Dates Aired: 7/07/2019 9:30am 56.1 15 minutes

Description: - Just ahead on American Black Journal, 31 days in the life of an elementary school principal.

Research shows that a high percentage of young black males are not proficient in reading. My next guest is a former school administrator and teacher who is passionate about literacy and school leadership. She works with educators, parents and community members to improve reading among African American students. Dr. Shelley McIntosh's new book is titled "A Principal's Tale: Life in 31 Days." It describes in vivid detail her experiences as an elementary school principal. Dr. McIntosh is gonna lead a presentation on urban school administration at the Charles H. Wright Museum on July 13th. I'm really pleased to have Dr. Shelley McIntosh here with us on the program.

- Thank you.

- Yes, congratulations on the new book.

- Thank you so much.
- [Stephen] Yeah, so tell us about Life in 31 Days. What does that mean?

- This is exactly what it means. As a school administrator, we are labeled or given the topic or job responsibility as instructional leader and then as manager. Which is quite a lot. And there’re different layers of accountability. So one day my administrative assistant and I said, let's look at everything that I do as a principal. And so it's being accountable to federal government. To the state government for funding. It's being accountable to the superintendent, to the university that authorizes the school. To the director of career pool instructions and assessment. Just many layers of accountability. And so, I said I wanna tell my story of how the life of an urban school principal actually looks. And I was in CVS one day, and I looked over and saw this book that said "To Tame Your Tongue in 30 Days". So I said, that's an idea. Let me write about my life in 31 days.

- And so I had a journal at home and a journal at school. And so I recorded everything that I did from sun up to sundown.

- And it's an incredible regimen. I mean, when you think about all of the things that you're asked to do in this role. Talk about the things that we're doing right for school educators and school leaders and the things that we're not quite getting right.

- Okay, the things that we may be getting right is some support for teachers. Which could be still a great deal of more support.

- [Stephen] Do a lot more, sure.

- To do a lot more for teachers. Some of the things that really are challenging now and that needs special attention is first the literacy situation. So Michigan is ranked at the bottom with a few other states. And also the lowest to teach African American boys how to read, and the second lowest in teaching Caucasian boys how to read. So my question is why and how did this happen?

- [Stephen] Because we didn't use to be at the bottom?

- Exactly. So in the late '70s, there was really no gap between African American children's literacy and Caucasians. But whole language approach is what became prominent in teaching reading. So in the late '70s it was changed.

- [Stephen] From phonics to whole language.

- From phonemic awareness, phonics, blending to whole language. So whole language is based on the premise that a student can just see a word and remember it forever. But that's not true. So when it changed over, California was one of the states that accepted it the first, the biggest purchase of textbooks. And it spread. Also in teacher education programs, because I was an assistant
professor in the teacher education program, their philosophy was whole language. And so as a result, we produced teachers who didn't have that basic phonemic awareness, phonics, blending type of instruction to effectively teach reading. So since we have the Michigan law now, which I think is a burden on administrators, that third grade law says that if a student tests two grades below they will be retained in the third grade.

- [Stephen] They're gonna have to stay in the third grade, right?

- So that is a punishment for the child, when really reading instructions should have been examined. Because all students can learn how to read. And I taught children to read before they went to kindergarten using a direct instruction approach. And if that was used within the schools today there would be no literacy problem. So that is one I think major challenge facing urban school administrators.

- Yeah. A lot of people who don't spend time in urban schools, I think have a lot of misconceptions about what goes on in urban schools and what some of the challenges are. But one of the things I think people who do spend a lot of time in those schools, like you have, one of the things they learn is about the kids in those schools and how desperately they want good instruction. How desperately they expect good instruction and how disappointed they become when we don't provide that to them.

- There is a need to be competent. Which is an intrinsic motivator. And so when a student is in a classroom and a teacher places a textbook in front of him, or an assignment that they can't read. They feel that they're not competent. So they have different ways of acting or showing their despair and one is to act out, meaning to get loud in the classroom. Or to be defiant with the teacher. Some will become introverted and not say anything at all. But they are upset and angry that they can't do this and basically why haven't you all taught me to do this? So I've seen different children's behaviors and as an administrator and teachers we would have to look at their behaviors and listen to them. When students say I need help, that's exactly what they're saying. I need help, so please help me to be competent with this. Help me to read.

- Yeah, yeah. Who do you imagine you'll influence with this book. Or who do you hope to influence with the book?

- Yes, I would like to influence everyone in the field of education.

- [Stephen] From top to bottom.

- From top to bottom. Especially urban school administrators. And those aspiring administrators. Teachers, and then even for parents to see what a principal's life is, because if we can share that story and bridge that gap, I think there would be
more of a continuity and more of collaboration and more of a community between school and parents.

- Yeah, yeah. Okay, well congratulations on the book and your life of work in this field. There's a lot of work still to do it looks like.

- Yes.

- [Stephen] Yeah, thanks for being here.

- Okay thank you.

- Yeah. That's our program for today. You can go to www.americanblackjournal.org for more information on our guests and to check out past episodes. And, you can always connect with us on Facebook and on Twitter. See you next time.

Issue: EDUCATION
Program Title: One Day U
Producer: WTVS
Type: Lecture
Date Aired: 8/27/2019  9:00pm  56.1  120 minutes

Description: One Day University brings together professors from the finest universities in the country to present special versions of their very best lectures.

Join distinguished Rutgers professor and historian, Louis Masur, as he explores the fascinating stories of Alexander Hamilton and Thomas Jefferson. The two had very different visions for America: Hamilton wanted an economic powerhouse with a dynamic and aggressive government, while Jefferson promoted an agrarian democracy built upon geographic expansion. This presentation takes you through their lives, beliefs, and how they both helped shape the political system of the United States, despite their rivalry.
Program Title: Majesty of Music and Math
Producer: New Mexico PBS
Type: Documentary
Date Aired: 8/9/2019 11:30pm 56.1 60 minutes

Description: THE MAJESTY OF MUSIC & MATH is a one hour multi-media production that explores the interconnectedness of music and mathematics produced by New Mexico PBS. Featuring remarks by Santa Fe Institute mathematician and computer scientist Cris Moore and musical selections by the Santa Fe Symphony with Principal Conductor Guillermo Figueroa.

Issue: EDUCATION
Program Title: Mister Rogers Talks about going to School
Series Title: Mister Rogers’ Neighborhood (Episode 1465)
Producer: Family Communication, Inc.
Type: Children’s Program with host
Date Aired: 8/25/2019 6:30am 56.1 30 minutes

Description: Mister Rogers talks about teachers and some of the ways they help children to learn. Also, Mister Rogers talks with a school bus driver and takes a ride on a bus. In the Neighborhood of Make- Believe, King Friday and Dr. and Mrs. Platypus are anxious to see their children at the end of the school day. The first week of school is a big event for children, but it is also a big event for parents!
Issue: HEALTH/HEALTH CARE
Program Title: Understanding Dementia in Humans
Series Title: SciTech Now (Episode 527)
Producer: KLRN
Type: Featured Stories
Dates Aired: 7/17/2019 11pm 56.1 30 minutes

Description: Studies suggest there’s a link between dying cells in the brain and Alzheimer’s disease. These stagnant dying cells are called Zombie cells. Let’s discover how scientists at the University of Texas at San Antonio are studying Zombie cells in mice to better understand dementia in humans.

Issue: HEALTH/HEALTH CARE
Program Title: High Blood Pressure
Series Title: Primary Care with Dr. Lonnie Joe (Episode 408)
Producer: OurHealth Media Network, Inc.
Type: Interview
Dates Aired: 7/14/2019 1pm 56.1 30 minutes

Description: In 2017, the American Heart Association and the American College of Cardiology changed the guidelines for diagnosing blood pressure. Now, anyone with a pressure of 130/80 is considered to have high blood pressure. So what do these new numbers mean for African-Americans where 1 in 3 are said to be hypertensive? Joining Dr. Joe to explain these numbers and new research and studies being conducted is Michigan Medicine Hypertension Specialist Dr. Kenneth Jamerson.
Series Title: Mister Rogers’ Neighborhood (Episode 1709)
Type: Children’s Programming
Dates Aired: 7/21/2019  6:30am  56.1  30 minutes

Description: Getting an immunization at the doctor's office can be one of the times when a child feels scared and not very brave or strong. Mister Rogers talks about children's feelings about immunization and gets one himself at the doctor's. Playing with a doctor kit and a doll can also help children manage such difficult times. In Make-Believe, Daniel's friends help him find courage to go back to his clock stopping the cereal snow.

Issue: HEALTH/HEALTH CARE
Program Title: Menopause
Series Title: Primary Care with Dr. Lonnie Joe #409
Producer: OurHealth Media Network, Inc.
Type: Interview
Date Aired: 7/21/2019  1pm  56.1  30 minutes

Description: For many women menopause comes with its own set of challenges but for Black women these challenges can be more severe — African-American women experience more intense symptoms from menopause that their white peers and these symptoms increase with age where the opposite is true for white women, their symptoms decrease. Dr. Patricia Harold Barrow an Ob/Gyn and the Director of Minimally Invasive Surgery at Hutzel Women’s Hospital joins Dr. Joe for a candid discussion on menopause.

Issue: HEALTH/HEALTH CARE
Program Title: Collateral Damage
Producer: WGVU
Type: Documentary
Dates Aired: 8/12/2019 10pm 56.1 30 minutes

Description: The film tells the story about our nation’s greatest heroes, our United States Veterans and the deadly disease ALS, which is being diagnosed in our Veteran community at an alarming rate. In the film, we speak with families and patients affected by this terrible disease, as well as the leading researchers at the University of Michigan who are fighting to find a cure for ALS. We also take our questions to D.C and talk with members of congress like U.S Congresswoman Debbie Dingell, to find out what our government is doing to protect our Veterans from this deadly disease.

Issue: HEALTH/HEALTH CARE
Program Title: Long Road Home
Producer: WQED
Type: Documentary
Dates Aired: 8/12/2019 10:30pm 56.1 60 minutes

Description: Exploring the impact of wartime Post Traumatic Stress Disorder (PTSD), LONG ROAD HOME offers compelling stories of Pittsburgh-area military veterans of Vietnam, Korea and World War II still coming to terms with the emotional wounds of war. The film explores successful therapies and documents the promising research underway at the University of Pittsburgh Medical Center, where doctors study the sleep and brain patterns of PTSD sufferers and examine the reasons why women are twice as likely as men to develop the disorder. The program concludes on a hopeful note, with a visit to a weekend retreat for veterans dealing with PTSD and combat stress. United by their experiences, the former servicemen and women discuss their feelings, their struggles in civilian life, their need for closure and their optimism for the future.

*****SCIENCE/NATURE*****
Issue: **SCIENCE/NATURE**  
Program Title: Galileo’s Moon  
Producer: Secrets of the Dead (Episode 1801)  
Type: Documentary  
Date Aired: 7/02/19 8pm 56.1 60 minutes  

Description: Join experts as they uncover the truth behind the find of the century: an alleged proof copy of Galileo's "Sidereus Nuncius," which changed our understanding of the cosmos. This copy included his signature and seemingly original watercolor paintings.

Issue: **SCIENCE/NATURE**  
Program Title: Back to the Moon  
Episode Title: Nova (Episode 4611)  
Producer: WGBH Educational Foundation  
Type: Documentary  
Date Aired: 7/10/2019 8pm 56.1 60 minutes  

Description: Fifty years after humans first set foot on the moon, new scientific discoveries are fueling excitement for a return to the lunar surface -- this time, perhaps, to stay. Join the scientists and engineers working to make life on the moon a reality.

Issue: **SCIENCE/NATURE**  
Program Title: 8 Days: to the Moon and Back  
Producer: BBC  
Type: Documentary  
Dates Aired: 7/17/2019 9pm 56.1 90 minutes  

Description: Join Apollo 11 on its historic journey. The film seamlessly blends mission audio featuring conversations among Neil Armstrong, Buzz Aldrin and Michael Collins with new footage, NASA archive and stunning CGI to recreate the first moon landing.
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<td>The Planets: Inner Worlds</td>
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<td>Series Title:</td>
<td>Nova (Episode 4612)</td>
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<td>Producer:</td>
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<td>Dates Aired:</td>
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Description: The rocky planets - Mercury, Venus, Earth and Mars - were born of similar material around the same time, yet only one supports life. Were Earth's neighbors always so extreme? Is there somewhere else in the solar system where life might flourish?

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<td>Pipelines, Plastics and Parks</td>
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<td>Great Lakes Now #1004</td>
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<td>Dates Aired:</td>
<td>7/30/2019 7:30pm 56.1 30 minutes</td>
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Description: The fight over an oil-and-gas pipeline in the Straits of Mackinac heads to the courts, and microplastics are being detected in waters around the region. The newest U.S. National Park on Lake Michigan's shoreline means increased visitors but not necessarily more protection against erosion, contaminants and native plant loss. Learn more about all these threats to our freshwater system in the fourth episode of the Great Lakes Now monthly show.
Issue: **SCIENCE/NATURE**

Program Title: First Steps (Episode 101)
Testing Limits (Episode 102)
New Frontiers (Episode 103)

Series Title: Animal Babies: First year on Earth

Producer: BBC

Type: Documentary

Dates Aired:
- 8/28/2019 (#101) 8pm 56.1 60 minutes
- 9/04/2019 (#102) 8pm 56.1 60 minutes
- 9/11/2019 (#103) 8pm 56.1 60 minutes

Description:

**Episode #101**
See how the babies learn to understand their surroundings in environments ranging from Africa to Sri Lanka to Iceland. The most basic tools for survival must be learned in their first three months to thrive and ultimately survive.

**Episode #102**
Learn the new challenges baby animals face once they can get around on their own. Every day brings new trials and tribulations, like searching for food, surviving in harsh environments and bonding with family members.

**Episode #103**
Join the baby animals as they near the end of their first year of life. It’s time for these young ones to branch off from the comfort of their mothers and learn to explore the great unknown on their own.
Topic: LEADERSHIP/PUBLIC POLICY
Program Title: Former Michigan Attorney General Bill Schuette
Series Title: Off the Record (Episode 4901)
Producer: WKAR
Type: Interview / Panel Discussion
Date Aired: 7/5/2019 7:30pm 56.1 30 minutes
Description: Bill Schuette, Former Michigan Attorney General. Republican Bill Schuette served eight years as state attorney general. Prior to that, he served in the congress, the Michigan senate, he was state agriculture director, served on the state appeals court and ran unsuccessfully for governor. He holds his BA degree from Georgetown University and his law degree from San Francisco Law School.

Panel Members: Zoe Clark, Michigan Radio; Bill Ballenger, TheBallengerReport; Chuck Stokes, WXYZ-TV.

Topic: LEADERSHIP/PUBLIC POLICY
Program Title: NAACP National Convention in Detroit
Series Title: American Black Journal #4732
Producer: WTVS / Detroit Public Television
Type: Interview / Roundtable Discussion
Date Aired: 7/14/2019 9:30am 56.1 15 minutes
Description: The City of Detroit is gearing up to host the 110th NAACP national convention. The event brings together the nation’s top policy makers, activists, and organizers with NAACP members and the local community. This year’s theme is When We Fight, We Win. The convention takes place July 20th through the 24th at Cobo Center, and it’s going to feature numerous guest speakers, interactive exhibits, a career fair, vendors, and much more. Here to fill us in on all the details is the president of the NAACP Detroit branch, Revered Wendell Anthony.
Topic: LEADERSHIP/PUBLIC POLICY
Program Title: Rick Jones, Former GOP Chair of Senate Judiciary Committee
Series Title: Off the Record (Episode 4903)
Producer: WKAR
Type: Roundtable Discussion
Date Aired: 7/19/2019 7:30pm 56.1 30 minutes

Description: Reporters: Lauren Gibbons, MLive.com; Jonathan Oosting, Detroit News; Rick Pluta, MI Public Radio Network.

Guest: Rick Jones, Fmr. GOP Chair of Senate Judiciary Committee. Rick Jones was term-limited out of his senate job as Judiciary Chair and with 33 years in law enforcement, he is now running for sheriff-a post he held before entering the legislature. He was a small business owner and holds a degree in criminal justice from Michigan State University. He served in the Michigan house from 2005-2011 and won a seat in the senate where he served for eight years.

Topic: LEADERSHIP/PUBLIC POLICY
Program Title: Treatment of Immigrants to America
Series Title: Interfaith Odyssey (Episode 613)
Producer: Metropolitan Christian Council
Type: Panel discussion
Date Aired: 7/21/2019 6am 56.1 30 minutes

Description: Panel members answer the question: Tell us what your faith tradition teaches regarding the treatment of children, adults, widows and orphans migrating from other countries. Share some ideas on solving this dilemma in America. Should children be separated from parents?

Topic: LEADERSHIP/PUBLIC POLICY
Program Title: On Her Shoulders
Series Title: POV (Episode 3205)
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Description: Nadia Murad, a 23-year-old Yazidi, survived genocide and sexual slavery committed by ISIS. Thrust onto the international stage as the voice of her people, she must navigate bureaucracy, fame and people's good intentions.

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<th>Topic:</th>
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Description: The inside story of President Trump's gamble to confront China over trade. Reporting from the US and China, NPR and FRONTLINE investigate what led the world's two largest economies to the brink, and the billions at stake.