

**KNHC (FM) Seattle, WA
Issues and Programs List**

1st Quarter 2021: January 1st, 2021 through March 31st, 2021

Prepared by Andrew Higgins

Every three months, KNHC publishes a list of programs that have provided the station's most significant treatment of community issues during the preceding three-month period.

This list includes a narrative describing what issues were given significant treatment and the programming that provided this treatment.

1. Science & Technology
2. Child Health & Safety
3. Race, LGBTQ, & Indigenous People Issues
4. COVID-19
5. Women Rights & Empowerment
6. Environment & Sustainable Living
7. Voting

**Section I
LOCAL PROGRAMMING**

Section I lists special programs that represent the station's issue-responsive programming providing the most significant treatment of the issues listed above for the calendar quarter.

Title:	Planetary Radio
Community Issue:	Crew Dragon Triumphant, and a Planetary Society Founder Remembers
Time:	04:00
Duration:	28:43
Date:	03 JAN 2021
Summary:	Astronaut and former SpaceX director of space operations returns to help us celebrate and understand the just-completed first mission in a Crew Dragon capsule by Bob Behnken and Doug Hurley. Then we'll sample Planetary Society Emeritus Executive Director Lou Friedman's new memoir, Planetary Adventures: From Moscow to Mars. Chase Chief Scientist Bruce Betts down the rotating black hole and get ready for the Perseid meteor shower in this week's What's Up.

Title:	Making Contact
Community Issue:	Race, LGBTQ, & Indigenous People Issues

Time:	04:30
Duration:	29:00
Date:	03 JAN 2021
Summary:	Activists in the Latinx immigrant community of Los Angeles share what they do to take care of their mental health. Self-care becomes a “selfless act” when it allows activists to stay healthy and do their work in a sustainable way.

Title:	With Good Reason - Cabin Fever
Community Issue:	COVID-19
Time:	05:00
Duration:	53:58
Date:	03 JAN 2021
Summary:	How can we be alone together in the pandemic? In a world without skin-to-skin contact, James Coan thinks the next best option might be something equally uncomfortable for many people: singing. Plus: Covid quarantine takes a particular toll on kids and their parents. Danielle Dallaire says families who normally need extra support are struggling even more now.

Title:	Planetary Society All-Stars Review 2020 Space Milestones
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	10 JAN 2021
Summary:	Chief Scientist Bruce Betts, Editorial Director Jason Davis, Chief Advocate and Senior Space Policy Advisor Casey Dreier, and Communications Strategy and Canadian Space Policy Advisor Kate Howells join host Mat Kaplan for our annual look back at the closing year’s accomplishments in space exploration. They also predict 2021’s biggest events on the final frontier.

Title:	The Pandemic Economy (release date December 30, 2020)
Community Issue:	COVID-19
Time:	04:30

Duration:	28:00
Date:	10 JAN 2021
Summary:	The economic collapse unfolding before our eyes is much bigger than it appears and the solution isn't simply to "build back better." COVID-19 didn't create the challenges we face. It laid bare flaws that have long existed at the foundation of our system. That is particularly true for Black, Indigenous, and other People of Color.

Title:	With Good Reason: Music that Mends
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	05:00
Duration:	52:00
Date:	10 JAN 2021
Summary:	David Coogan is the editor of "Writing Our Way Out" written by former jail inmates, exploring the conditions, traps and turning points on their paths to imprisonment, as well as the redemptive power of writing. Jazz musician Antonio Garcia composed a musical piece "Open Minds: Music that Mends," that reflects the book's themes of social justice, healing, self-reflection and redemption.

Title:	Planetary Radio: African Eyes Look to the Cosmos
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	17 JAN 2021
Summary:	One people, one sky. That motto belongs to Astronomers Without Borders. Its founder and retired leader, Mike Simmons, recently brought a guest to Planetary Society headquarters. Olayinka Fagbemi is with the Nigerian space agency, and also heads Astronomers Without Borders in her nation. Emily Lakdawalla tells us about four exciting planetary science missions that are currently competing for selection by NASA. Bruce Betts tells us about the search for 100 earths as he also asks us to find a citizen of Middle Earth in space

Title:	The Laura Flanders Show - Puerto Rico: Freedom From Fantasy
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:30

Duration:	28:00
Date:	17 JAN 2021
Summary:	In this episode, Laura interviews journalist and author, Professor Ed Morales, Lecturer of Columbia University's Center for the Study of Ethnicity and Race and journalist, political commentator, and Scholar-Activist Rosa Clemente about the personal and political implications of the island's ongoing debt crisis, recovering from Hurricane Maria, and #RickyRenuncia, the intersectional protest movement that led to the resignation of Governor Ricardo Rosselló in the summer of 2019. Exploitation, corruption, and neglect may be business as usual in the United States' relationship with Puerto Rico but Morales and Clemente suggest that new movements provide some hope for change.

Title:	With Good Reason
Community Issue:	Science & Technology
Time:	05:00
Duration:	53:56
Date:	17 JAN 2021
Summary:	Religious scholars, neuroscientists, and psychoanalysts agree – there is a deep reservoir of activity beneath our conscious minds. Peter Vishton (William & Mary) shares how the unconscious mind may be making decisions for us, too quick for our conscious mind to realize. And: Daniel Hirshberg (University of Mary Washington) explores the subconscious with his Contemplative Studies students by wiring meditating students up to brain-imaging headsets. Plus: Graham Schweig (Christopher Newport University) has been practicing meditation for more than 50 years. He says “deepening the heart” is the real aim of many of India’s yoga traditions.

Title:	Planetary Radio - Solar Cruiser: A Giant Sail Prepares for Space
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	31 JAN 2021
Summary:	It is many times bigger than any previous solar sail, and it will pave the way for even bigger spacecraft propelled by light. Solar Cruiser Principal Investigator Les Johnson tells us about his latest project and looks to humanity crossing the gulfs of interstellar space.

Title:	Laura Flanders Show: Building Public Trust For Public Health
Community Issue:	COVID-19
Time:	04:30
Duration:	28:00
Date:	31 JAN 2021
Summary:	This week, The Laura Flanders Show premieres 'Building Public Trust for Public Health' on the challenges of the Covid-19 vaccine rollout across the country. While states have initiated vaccine distribution, many still are struggling to reach their targets. President Biden declared 100 million doses in 100 days but what of those who hesitate to get the vaccine? In this episode, Laura and her guests explore the roots of vaccine hesitancy, discover methods for rebuilding public trust in public health and how hip hop is a tool for outreach to vulnerable communities devastated by Covid-19.

Title:	With Good Reason: Teen Spirit
Community Issue:	Child Health & Safet
Time:	05:00
Duration:	52:00
Date:	31 JAN 2021
Summary:	Today's teens--Generation Z--are making headlines for their politics and their protests. The YA books that speak to them have followed suit. Lisa Koch shares three of her favorite recent young adult books that are speaking to a wider world of culture and politics. And: Old school guidance counselors sit behind their desks, giving one-on-one sessions that can feel like pulling teeth for moody kids. Natoya Haskins' days as a guidance counselor were spent on her feet, in the hallways, in group sessions, and getting kids excited to see their counselor. Now, Haskins studies how this hands-on approach to school counseling can be an act of social justice.

Title:	Planetary Radio: A Symphony for 7 Moons
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	07 FEB 2021
Summary:	Composer Amanda Lee Falkenberg has created The Moons Symphony. You'll hear excerpts from several of its 7 movements. They are inspired by and evoke 7 of our solar system's smaller, unique worlds. Joining Amanda are her advisors and friends,

	artist and International Space Station astronaut Nicole Stott and Cassini mission project scientist Linda Spilker.
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Title:	OutCasting 0080 -- Using religion to discriminate against LGBTQ people -- part 5 of a series
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:30
Duration:	29:00
Date:	07 FEB 2021
Summary:	<p>There are some religious people, congregations, and religions that support LGBTQ people. In the Episcopal Church, Bishop Gene Robinson was the first openly gay Bishop — but his consecration led to a worldwide split in the church over the issue of homosexuality. In New York City, Congregation Beit Simchat Torah is an LGBTQ-welcoming synagogue with an openly gay leader, Rabbi Sharon Kleinbaum.</p> <p>But historically, many religions have condemned LGBTQ people. The Catholic church has described homosexuality as an “intrinsic disorder” and encouraged people to “condemn the sin, not the sinner” — as if people can just rip sexuality out of their lives without inflicting great harm. Any number of religious counselors continue to practice conversion or reparative therapy to “cure” people of being gay even as a growing number of states, and even some other countries, recognize that this “treatment” is ineffective and potentially dangerous.</p>

Title:	Humankind: Ida B. Wells' Battle to Uncover the Truth
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	05:00
Duration:	52:58
Date:	07 FEB 2021
Summary:	<p>Born to enslaved parents on a Mississippi plantation during the Civil War, Ida B. Wells emerged as a powerful investigative journalist. She overcame death threats and published widely in her quest to document the domestic terrorism against African Americans that came to be known as lynching. Ida Wells published the first major study of that crime. A close associate of Frederick Douglass, she helped to found the NAACP and advocated the right to vote for women and black Americans. Her amazing life story is finally gaining recognition, nearly 90 years after her death. Among those heard: NY Times correspondent Nikole Hannah-Jones, who led the "1619 Project" on the history of enslaved peoples in America; Bryan Stevenson, founder of the Equal Justice Initiative in Montgomery, Alabama, which in 2018 established the first national memorial to victims of lynching; Smith College Prof. Paula Giddings, principal</p>

	biographer of Ida B. Wells; David Blight, Pulitzer Prize-winning author of 'Frederick Douglass: Prophet of Freedom' and Yale historian. Includes readings from Ida B. Wells and Frederick Douglass.
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Title:	Planetary Radio: The Royal Astronomical Society at 200
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	14 FEB 2021
Summary:	Celebrating the 200th anniversary of the Royal Astronomical Society

Title:	Untold Stories of Central Minnesota: The Untold Story of Distance Learning During COVID-19 with ISD742's Devon Bowker, Science Teacher, Naturalist, and Blogger
Community Issue:	COVID-19
Time:	04:30
Duration:	28:07
Date:	14 FEB 2021
Summary:	In today's Untold Story of Central Minnesota, we visit the world of online distance learning as Arts & Cultural Producer Jeff Carmack talks with ISD742 science teacher Devon Bowker. Mr. Bowker has worked as a naturalist for the Department of Natural Resources and a park ranger for the US Army Corps of Engineers and has quite the following online with his website The Wild Life Blog. He's got some helpful hints and advice for all our families currently engaged in distance learning!

Title:	The Children's Hour: Kids & Covid-19
Community Issue:	Child Health & Safety
Time:	05:00
Duration:	58:00
Date:	14 FEB 2021
Summary:	We talk with Dr. Anthony Fleg from UNM Family Practice and the Native Health Institute, and he offers his tips for reducing our stress and anxiety. Plus kids from our listening audience and crew share how they are coping with being out of school, and practicing social distancing. We also hear from a school social worker Ruth Graunke

	about strategies to stay calm in crisis, and we visit with Alice Lu McCoy, from the New Mexico Developmental Disabilities Planning Council about making an extra effort to connect with kids and adults who are living in residential facilities.
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Title:	Spectrum
Community Issue:	Health
Time:	04:00
Duration:	30:00
Date:	21 FEB 2021
Summary:	This week on the show: Sliding into unhappiness - Feeling cynical? Then come slip into the 'u-shaped' trough that represents human happiness over an average lifetime. The good news? You can clamber right back out — with the right tools.

Title:	Making Contact: Utopian Dinner Table: How to feed the world in 100 years
Community Issue:	Environment & Sustainable Living
Time:	04:30
Duration:	29:00
Date:	21 FEB 2021
Summary:	You'll hear about ongoing food insecurity issues from food scholar Raj Patel, and hopeful solutions from families in the Black Creek community garden in Toronto, Canada

Title:	WBEZ: Making Beyoncé
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	05:00
Duration:	54:00
Date:	21 FEB 2021
Summary:	Beyoncé Knowles-Carter is a media mogul. A philanthropist. A feminist hero. But before the Grammys, the platinum records and Destiny's Child, there was just a shy girl growing up in Houston. In this hour-long special, we'll hear from many of the people instrumental in the very beginning of her career as we follow Beyoncé from the stages of local talent shows to her first crack at a record deal with the group Girls Tyme

Title:	Spectrum
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:00
Duration:	30:00
Date:	28 FEB 2021
Summary:	This week on the show: Do I scare you? - "Careful, he's Chinese." It was a throwaway comment whispered in a German pedestrian zone. But it joins a global chorus, and it raises an ugly thought: Has the coronavirus made us more racist? And if so, what's the vaccine?

Title:	Making Contact - 70 Million: The Work of Closing a Notorious Jail
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:30
Duration:	29:59
Date:	28 FEB 2021
Summary:	Five years after Michael Brown's death at the hands of a police officer galvanized criminal justice reform activists in St. Louis, they're gaining serious momentum to shut down the city's notorious Workhouse jail. Reporter Carolina Hidalgo spent time with the Close the Workhouse campaign and Arch City Defenders, their supporters, and detractors.

Title:	Humankind: The Freed People
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	05:00
Duration:	58:58
Date:	28 FEB 2021
Summary:	This one-hour Humankind documentary examines how America responded to a massive refugee crisis, when four million newly emancipated slaves needed shelter, employment, education and the basic rights at the close of the Civil War. Hear historians, brief readings from letters of people who were there, performances of "Negro Spirituals" and more.

Title:	Planetary Radio: Touchdown! The Sights and Sounds of Perseverance on Mars
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	07 MAR 2021
Summary:	The Mars 2020 rover is on Mars. We have collected the most thrilling moments from the landing and the revelations that followed, including the first sounds recorded on the Red Planet. Bill Nye congratulates the entire Perseverance team and explains why this audacious mission is so important. Bruce and Mat continue the celebration with What's Up, and we close with a musical tribute to Perseverance by The Amoeba People.

Title:	Laura Flanders Show: Special: Housing is A Human Right
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:30
Duration:	28:00
Date:	07 MAR 2021
Summary:	Before 2020, America was already in a housing crisis. The Covid-19 pandemic, high unemployment, and a recession have only made things worse. A record level of evictions have created record levels of homelessness at a time when public health demands that as many people as possible stay home. What is to be done? In this episode, housing activists from Philadelphia share their experiences and insights from a long history of organizing that recently resulted in a landmark agreement with the Philadelphia Housing Authority.

Title:	With Good Reason: New Voices At The Table
Community Issue:	Women Rights & Empowerment
Time:	05:00
Duration:	52:00
Date:	07 MAR 2021
Summary:	In 2016, Lashrecse Aird made history as the youngest woman ever elected to the Virginia House of Delegates. She says her unique perspective - shaped by a childhood of adversity and hardship - allows her to better serve the full range of

	<p>experiences within her constituency. And: Ebony Guy was inspired to get involved in activism from a young age by her grandmother, a beloved civil rights leader in Halifax County, Virginia. Now a board member at Virginia Organizing - her activist work has centered on voter education and political campaigns. Plus: From 1997-2001, Paul Clinton Harris represented Albemarle County in the Virginia House of Delegates. A descendant of enslaved people at Monticello, he describes his unlikely path to political office - serving in the very seat that Thomas Jefferson once held many years ago.</p>
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Title:	Laura Flanders Show: Indigenous People's Power
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:00
Duration:	28:00
Date:	14 MAR 2021
Summary:	<p>2020 was a watershed year for indigenous peoples' movements. Native American organizers made great strides when it came to elections, mutual aid and protests, but the Covid pandemic also took its toll, and nowhere more grievously than on Native American lives. This week, from the reservation on Pine Ridge to rural Arizona to the metropolis of New York City, Laura catches up with a newly-elected elections official, a philanthropist leading a radical shift in philanthropy and the organizer of one of the nation's largest Indigenous alliances who is facing felony charges for his peaceful protest against President Trump's visit to Mt. Rushmore.</p>

Title:	OutCasting 0081 -- Using religion to discriminate against LGBTQ people -- part 6 of a series
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:30
Duration:	29:00
Date:	14 MAR 2021
Summary:	<p>February 1, 2021 — There are some religious people, congregations, and religions that support LGBTQ people. In the Episcopal Church, Bishop Gene Robinson was the first openly gay Bishop — but his consecration led to a worldwide split in the church over the issue of homosexuality. In New York City, Congregation Beit Simchat Torah is an LGBTQ-welcoming synagogue with an openly gay leader, Rabbi Sharon Kleinbaum.</p> <p>But historically, many religions have condemned LGBTQ people. The Catholic church has described homosexuality as an “intrinsic disorder” and encouraged people to “condemn the sin, not the sinner” — as if people can just rip sexuality out of their lives without inflicting great harm. Any number of religious counselors continue to practice</p>

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Title:	With Good Reason: Who Votes?
Community Issue:	Voting
Time:	05:00
Duration:	52:00
Date:	14 MAR 2021
Summary:	Remember those twelve months where every ad was asking you to vote? It was inescapable. Gilda Pedraza and her team worked around the clock to ensure Latino voters in Georgia had the information they needed to cast their ballot. But even with historic voter turnout, a third of eligible adults didn’t vote. Bernard Fraga says that’s a political failure, and not the failure of individual voters. Plus: Kathleen Hale and Mitchell Brown have spent years traveling the country talking to election officials. Why they say this past election has forever transformed the voting process in America.

Title:	Planetary Radio - Spinoffs: How NASA Technologies Benefit Life on Earth
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	20 MAR 2021
Summary:	Cleaning up water pollution, inventing inexpensive ventilators for hospitals, turning waste plastic into sidewalks, and making baby formula more nutritious—these and thousands of other innovations have come directly from research and development for space exploration. NASA technology transfer program executive Daniel Lockney takes us on a tour of Spinoff 21, the agency’s fascinating new report. Bruce Betts reminds us that a spin past Venus is sometimes the best way to head to far more distant worlds.

Title:	OutCasting 0082 -- Using religion to discriminate against LGBTQ people -- part 7 of a series
Community Issue:	Race, LGBTQ, & Indigenous People Issues
Time:	04:30

Duration:	29:00
Date:	20 MAR 2021
Summary:	<p>March 1, 2021 — There are some religious people, congregations, and religions that support LGBTQ people. In the Episcopal Church, Bishop Gene Robinson was the first openly gay Bishop — but his consecration led to a worldwide split in the church over the issue of homosexuality. In New York City, Congregation Beit Simchat Torah is an LGBTQ-welcoming synagogue with an openly gay leader, Rabbi Sharon Kleinbaum.</p> <p>But historically, many religions have condemned LGBTQ people. The Catholic church has described homosexuality as an “intrinsic disorder” and encouraged people to “condemn the sin, not the sinner” — as if people can just rip sexuality out of their lives without inflicting great harm. Any number of religious counselors continue to practice conversion or reparative therapy to “cure” people of being gay even as a growing number of states, and even some other countries, recognize that this “treatment” is ineffective and potentially dangerous.</p>

Title:	With Good Reason: Bigger Than A Game
Community Issue:	Women Rights & Empowerment
Time:	05:00
Duration:	52:00
Date:	20 MAR 2021
Summary:	<p>Serena Williams is widely regarded as one of the best athletes of all time. But far too often her passion on the tennis court has been criticized as aggression. So why do Black sports women seem to attract more scrutiny than other athletes? Letisha Engracio Cardoso Brown says it’s because the same commonly-held stereotypes for Black women in society frequently get repurposed into sport. And: The USA men’s basketball team boasted a perfect Olympic record of 63-0. But Russia had developed a scrappy, up and coming team of their own. So, when the two basketball teams collided at the 1972 Olympics - it was bound to be a showdown of epic proportions. Christopher Elzey calls this game the greatest WTF moment in sports history and explains how it opens a window into Cold War animosity.</p>

Title:	Planetary Radio - Planetfest '21: To Mars and Back Again
Community Issue:	Science & Technology
Time:	04:00
Duration:	28:50
Date:	28 MAR 2021
Summary:	The Planetary Society’s Planetfest '21 celebrated Mars and the newest visitors to the

	Red Planet. Mat Kaplan shares some of his Planetfest conversation with Andy Weir, author of The Martian. We also sat down with the leader of the United Arab Emirates' Hope mission that entered Mars orbit a few days ago. Planetary Society contributing editor Andrew Jones provides an update on China's Tianwen-1 spacecraft that arrived within hours of Hope. We'll also join preparations for the landing of NASA's Mars 2020 rover Perseverance as we hear a media briefing from mission leaders.
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Title:	Laura Flanders Show - Vaccine Hesitancy: Building Public Trust For Public Health
Community Issue:	COVID-19
Time:	04:30
Duration:	28:00
Date:	28 MAR 2021
Summary:	The Biden administration has promised to make Covid-19 vaccines available to all US adults by May 1st, but getting a vaccine to those who need them most is still an uphill battle. Black, Indigenous, Latinx, and Pacific Islander Americans are more than twice as likely to die from Covid-19, but they're not the ones getting the vaccine.. In this episode, Laura interviews three public health experts about the challenges of eradicating Covid-19 in the face of widespread vaccine hesitancy. Why are some Americans resisting vaccination, and what is being done to change their minds? Are public health officials listening to the needs of the community? Laura and guests explore the roots of vaccine hesitancy, methods for rebuilding public trust in public health, and hip hop as a tool for outreach to vulnerable communities.

Title:	With Good Reason: The Waters
Community Issue:	Environment & Sustainable Living
Time:	05:00
Duration:	52:00
Date:	28 MAR 2021
Summary:	We have a lot to do with what happens to rainwater from the time it hits the ground, to the time we drink it. And our small efforts can add up over time to prevent catastrophe. Kathy Gee has great advice for us: don't live downhill from someone else, and start a rain garden. And: Along Appalachian streams, people grew up watching the hellbenders swim around and fight beneath the surface. Now, their grandchildren have hardly ever seen the two-foot long salamanders, affectionately called snot dogs. Bill Hopkins says that what's happening to the snot dogs' water also has an impact on our livelihood

Section II

Station Campaigns

Section II lists station produced campaigns and their segments that the station broadcasted during the preceding calendar quarter that addresses community issues.

“Voter Registration Campaign”

During the 1st quarter of 2021 KNHC aired 56 segments encouraging listeners to register and vote. All segments focused on future voter registration. Below is the list of when this segment ran to promote future voter registration:

Topic	Voice Talent	Length	# Of Airings
Future Voter Registration	KNHC Student Dwayne	:21	56

During the 1st quarter of 2021 KNHC aired a segment 48 times to encourage listeners to join an online discussion featuring local community members and local leaders. This station along with collaboration with stopaapihateseattle.org sponsored an online forum that took place on the National Day to Speak Out Against Asian American and Pacific Islander Hate. Below is the list of when this segment ran to promote the event that happened on March 26th 2021:

Topic	Voice Talent	Length	# Of Airings
Stop AAPI Hate	June Fox	:26	48