

## CAN YOU HEAR THE FUTURE Audio Paper

### Concept and Production Plan

#### START

Begin with the sonic perspective of the birth of a newborn. Shift the focus from an internal to an external world. The start of my audio paper is a metaphorical beginning of the start of human life.

Fade in (sonic internal POV)

- heartbeat
- digestive system

"The questions of the universe can only be answered that of how we perceive our world through our ability to sense".

Fade in

- screams of birth (EQ high-cut, internal POV)

"A baby has been hearing sounds since way back in the womb, a mother's heartbeat, the gurgles of the digestive system, and even the sounds of her voice and of voices of other family members are part of a baby's world before birth. Once a baby is born...

<https://kidshealth.org/en/parents/senses-2mos.html#:~:text=Your%20baby%20has%20been%20hearing,come%20in%20loud%20and%20clear.>

- shift of focus from internal to external baby born (tinnitus)

...the sounds of the outside world become loud and clear".

External POV

- baby crying
- hospital ambience

"To understand how we can hear our future we must understand how our brain processes the information of sound".

- Turn pages SFX

"The discovery of the two components of the limbic system have had the answer".

How Sound Triggers Human Emotion

Posted by Stephen Arnold Music on January 14, 2022

<https://stephenarnoldmusic.com/science-of-sound/>

"In the first few hours of baby's birth, every single sound is programmed in a small nucleus called 'dorsal cokelia nucleus'. This is the gateway between the ear and the brain. Its connected to other areas of the brain called 'the limbic system'. The two components of the limbic system are called the hippocampus and amygdala. Hippocampus: centre of our memory learning and associative learning. Amygdala: Centre of our pure emotions, Love, hate, fear, enjoyment, rage but it's extremely sensitive to sound."

"The amygdala has historically best known for its role in processing fearful emotions...

➤ Wind and Leaves Rustling

...When a threatening stimulus is present in the environment, it is thought that the amygdala is also involved in identifying it as a threat and initiating a fight-or-flight response to it."

➤ Sonic perspective of fight or flight response

➤ Wind, Leaves, Breathing

"More recent evidence, however, indicates that the amygdala is active during the processing positive stimuli as well. Thus, it is now thought the amygdala's role is more complex than of a 'threat detector'."

"It is also still be explored in a variety of other behaviours ranging from addiction to social interaction."

"Now that you understand that sound around us affects our emotional state of mind did you know that mental health conditions in 2023 are at an all-time high and 'increasing worldwide'".

<https://www.usm.edu/news/2023/release/rising-depression.php#:~:text=In%20fact%2C%20a%20Gallup%20poll,accord ing%20to%20the%20new%20poll.>

"I will leave this up to interpretation however from the information of this audio paper I will ask the question that is the title of this audio paper, can you hear the future".

"Before I discuss noise pollution I will inform you about the limits of human hearing and in such a technological world it's important that I spread awareness of EMFs and ultrasonic frequencies".

"Did you know that human hearing is limited to 20 - 20,000Hz. To demonstrate this is a 20 - 20,000Hz audio sweep".

20 - 20,000 Hz Audio Sweep | Range of Human Hearing  
<https://www.youtube.com/watch?v=PAsM1Dptjx8>

"Frequencies that exceed human hearing are called ultrasonic frequencies. Ultrasonic frequencies are harmful and affect us negatively".

"We construct a sense of self however, in reality how we preserve our world is from how we sense our world, this means each life form will experience a different world to each other."

"This is why we need to be so careful when we are exposing ultrasonic frequencies to the world because our worlds our not affected it's not fair on the worlds of other species that ultrasonic frequencies affect".

#### EMF Explained

- Audio Sampled Eric Berg  
<https://www.youtube.com/watch?v=HfYbcxvYDYM&t=42s>
- Include EMF Field Recordings
- Bird Ambiance
  
- Audio Sampled Christina Kubisch  
<https://www.youtube.com/watch?v=sYUNSQb5zmU&t=3s>
  
- Audio Sampled Joe Rogan  
[https://www.youtube.com/watch?v=Z-YQ1Y7c\\_Pk](https://www.youtube.com/watch?v=Z-YQ1Y7c_Pk)

"I used a contact microphone to record the hidden acoustics of a phone call the result was shocking".

- Include EMF Field recording of Phone call

"I hope this experiment spreads awareness to the hidden acoustics of EMFs and ultrasonic frequencies that we are exposed to in our daily lives".

#### Biodiversity

- Fade In Bird Ambiance SFX

"Verity of all living things and their interaction, sound pollution...

- Fade In Car Passing SFX

...negatively affects biodiversity land and aquatic

- Underwater Ambiance

..habitats are affected".

- Fade In Flock of Crows

"On land, sound pollution interferes with the calls of many animal species, particularly birds. This impacts their ability to communicate for navigation, helping their flocks find food and breeding." <https://homework.study.com/explanation/how-does-sound-pollution-affect-biodiversity.html#:~:text=Sound%20pollution%20negatively%20impacts%20biodiversity,flocks%20find%20food%20and%20breeding.>

- Fade Out Flock of Crows
- Fade In Underwater Ambiance

"In aquatic habitats, noise pollution can interfere with the sonar navigation used by many endangered species. This can lead to migration issues

- Fade In Thunder Storm SFX

where animals travel to places they should not go. Additionally, these species often communicate over vast areas and use sonar to find mates. The inability to mate in these species can lead to extinction."

<https://homework.study.com/explanation/how-does-sound-pollution-affect-biodiversity.html#:~:text=Sound%20pollution%20negatively%20impacts%20biodiversity,flocks%20find%20food%20and%20breeding.>

### Ultrasonic Frequencies

Fade In

- Underwater Sound
- Sampled Audio from Pierce Brosnan  
<https://www.youtube.com/watch?v=Y6RxmUXZekc>

Fade in

- Ears Ringing

Fade in

- Radio Static
- Sampled Audio  
[https://www.youtube.com/watch?v=O9gDk29Y\\_YY&t=65s](https://www.youtube.com/watch?v=O9gDk29Y_YY&t=65s)

### Noise Pollution

- Stone Age Soundscape

"It's hard to imagine how the world once was".

- Construction

"Today we are so attuned and tolerant of a sonic environment of mayhem and madness".

- Construction
- City Traffic Ambiance

- Bird Ambiance

"You could once hear yourself think, hear the voice of nature as the environment would speak the time of day..

- Birds Ambiance

...the environment would speak the time of weather.

- Rain Ambiance

"Unfortunately today the voice of nature is drowned out by the voice of human behaviour"

- City Traffic Ambiance
- Construction
- Airplane
- Thunderstorms at Sea

"With constant aeroplanes and ships from military and cargo, the noise pollution is worldwide and no matter the weather it will never stop".

- Thunderstorm at Sea

"Us humans have come a long way from the days of horseback the question is, have we gone too far".

"As a species that's increasing its population at a rate that's never seen before what will our future sound like if we carry on in this manor".

END

## Bibliography

NewBornBabySonicInfo

<https://kidshealth.org/en/parents/senses-2mos.html#:~:text=Your%20baby%20has%20been%20hearing,come%20in%20loud%20and%20clear.>

Downloaded Sounds

<https://pixabay.com/sound-effects/>

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**Mental Health**

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Joe Rogan on WiFi radiation can cause cancer - Robert Kennedy, Jr. | JRE #1999 <https://www.youtube.com/watch?v=Z-YQ1Y7c Pk>

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<https://www.youtube.com/watch?v=O9gDk29Y YY&t=65s>