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The Ancestral Science Podcast explores scientific topics through conversations between Knowledge Keepers and Scientists, while *experiencing* the origins and depth of science on and with “the Land”. Join us as science COMES ALIVE when knowledges are shared alongside ancestor plants, rocks, animals, and rivers, creating connections between personal, Indigenous, and global science.

The Ancestral Science podcast is a place for *everyone* to see themselves in science, to be inspired by the SCIENCE that is all around them and expand the definitions of both *ancestor* and *science*.

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## SEASON 3: Episode 24 with **The Pod Team** “**Smoketalk & Stone Stories**”

We **recorded this episode back in the Fall of 2025** when the Ancestral Science Podcast team gathered to speak about their experiences at the Majorville Sacred Site or Iniskum Umapii.

Visiting this location evokes an indescribable feeling of reverence for both its location and connection to the Ancestors that knew of its significance. Overlooking the banks of the Bow River, this site gifts a view of the horizon unparalleled in both distance and connection to the stars. We (Emil, Alex, and myself) got to visit **Iniskum Umapii** with Innu Astronomer **Dr. LAURIE Rousseau-Nepton**, Rob Cardinal, and a group of local Blackfoot Elders and Knowledge Keepers.

This conversation goes along with the previous pod episode, "**Sacred Sites: Protocols, Science, & Stories (part 1)**" ([SPOTIFY](#) & [APPLE](#)) with **Dr. Rousseau-Nepton, WILFRED Buck, ROB Cardinal**, & **Dr. ALVIN Harvey** about Indigenous and Ancestral science to make whole, validating science of land and ancestors, what is a sacred site, and a teaser of the precision and depth of alignments between stone circles, sacred sites, and star cycles from thousands and thousands AND THOUSANDS of years ago....

If you are interested in the "**Stones, Stories, and Stars**" **GATHERING of Indigenous Astronomers/Scientists and Knowledge Keepers** being hosting in Treaty 7 later this year, or want to be more involved in this relational "research", or have a sacred site/medicine wheel you want us to look into, **email [relational.science@gmail.com](mailto:relational.science@gmail.com)** for more information.

Much appreciation to [CULTURAL SURVIVAL](#) for the support of this episode and this project. Thanks to Emil Starlight ([@redfoot\\_mikadikodzi/](#)), the pod’s multimedia podcast producer and [Walter White Bear](#), Sharon Ann Foster, and Emil Starlight for composing and performing our opening tune.

Take a moment to like, share, follow, and rate, it is much appreciated. And if you want to support the pod, check out some unique Indigenous Science MERCH at [www.relationalsciencecircle.com/shop](http://www.relationalsciencecircle.com/shop)

**Want us to look into a sacred stone circle site in your community??** Email us!!  
[relational.science@gmail.com](mailto:relational.science@gmail.com)

**SHOWNOTES** from "**Sacred Sites: Protocols, Science, & Stories (part 1)**"

### **Additional Links:**

#### **-Dr. Laurie Rousseau-Nepton:**

- "[Fireside Chats with Laurie Rousseau-Nepton](#)"
- "[Laurie Rousseau-Nepton on how her Innu background and identity informs her discipline](#)" (The Varsity. Article)
- "[Bridging Science and Indigenous Knowledge](#)" (youtube)
- "[UVic Indigenous Science Speaker Series: Laurie Rousseau-Nepton](#)" (youtube)
- "[North Star](#)" NFB 5-part Series Documentary.

#### **-Wilfred Buck:**

- "[Indigenous Knowledge Keepers teach others to look to the Stars](#)" (cbc article)
- "Alignment of Planets, Stars, & Stories" with Wilfred Buck & Rob Cardinal, [Spotify](#), [Apple Podcasts](#).
- "[Star Travelers: Star Knowledge with Wilfred Buck](#)" (youtube)
- "[New Asteroid named for Ininiwak Star Guy Wilfred Buck](#)" (article)

#### **-Rob Cardinal:**

- Rob's Episodes on the Ancestral Science Podcast
  - "Alignment of Planets, Stars, & Stories" with Wilfred Buck & Rob Cardinal, [Spotify](#), [Apple Podcasts](#).
  - "Quantum: Everything is a Reflection" on [Spotify](#), on [Apple Podcasts](#).
  - "Everywhere and Nowhere all at Once" on [Spotify](#), on [Apple Podcasts](#).

#### **-Dr. Alvin Harvey:**

- Alvin's Episode on the Ancestral Science Podcast
  - "Space Justice and Cosmic Relationality" on [Spotify](#), on [Apple](#).
- "[Why Space Exploration must not be left to a few powerful Nations](#)" (article. 2025)
- "[On Kinship: Indigenous Knowledge\(s\) & Western Knowledge](#)" (article, 2025)
- "[Stop sending Human Remains to the Moon](#)" (article, 2024)
- "[The cosmos as a uniting pillar of relationships: a Diné & Hózhó Perspective](#)" (article, 2024)
- "[Space for Humanity](#)"
- "[Aspiring astronaut brings Indigenous people's perspective to space science](#)" (Navajo Times).
- "[Diné Culture Camp: Navajo Astronomy](#)"(youtube)

**-Corey Gray:** Siksika Physicist and lead operator at of LIGO in Hanford Washington. He was part of the team to detect gravitational waves, winning him and his team the Breakthrough Prize in Fundamental Physics and a Paul F. Forman Team Engineering Excellence Awards, acknowledged by three Nobel Prize in Physics laureates.

-Corey's Episode on the Ancestral Science Podcast

“Gravitational Waves from the Blackfoot MacGyver” on [Spotify](#), on [Apple](#).

-“[Blackfoot Poetry: From Einstein to Spacetime](#)” (youtube)

-“[Blackfoot Songs of Gravity with Corey Gray](#)” (youtube)

-“[Physicist Corey Gray finds threads that connect Einstein and his own Blackfoot heritage](#)” CBC article.

-“[Trip the Gravitational Wave Fantastic](#)” SACNAS. Medium. Article.

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Want more Indigenous Science Resources? Check out [Relational Science Circle](#).

Want to learn more about Indigenous Science, Indigenous Science/Mathematics Teacher PD sessions, or have an idea for a guest or topic for the Ancestral Science Podcast, email [relational.science@gmail.com](mailto:relational.science@gmail.com)

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