

**In the spirit of reconciliation, reciprocity, and truth,
we honour the ancestors and acknowledge Treaty 7
territory, which includes the Blackfoot Confederacy
(comprising the Kainaiwa–Blood Tribe, Siksika,
Peigan–Piikani and Aamskapi Pikuni Nations),
the Tsuut’ina First Nation, and the
Stoney Nakoda Nations (including the Bearspaw,
Chiniki, and Goodstoney First Nations).
We also recognize this is home to the
Métis Nation of Alberta, Districts 5 and 6.**

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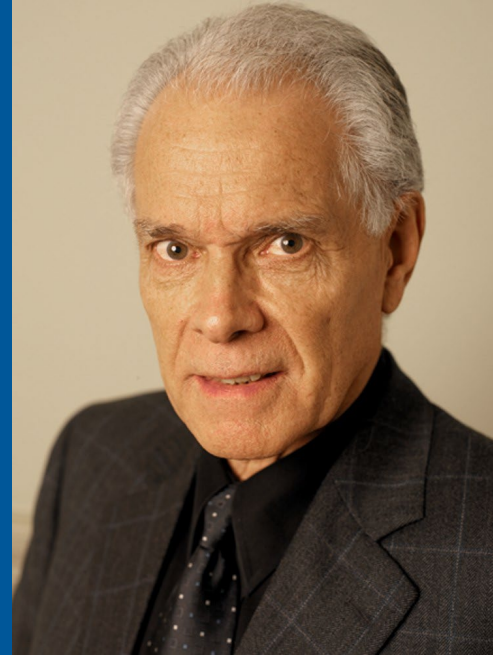
 **CSEG** Foundation
CANADIAN SOCIETY of EXPLORATION GEOPHYSICISTS

  
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Family-friendly geoscience presentations on Sunday March 14



Dr. Jared Voris
Postdoctoral Researcher
University of Calgary



Dr. Easton Wren
Professor
Mount Royal University

Hosted by:



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Sunday March 14, 2027

1:00 – 1:20 pm – Dr. Jared Voris

2:00 – 2:20 pm – Dr. Easton Wren

3:00 – 3:20 pm – Dr. Jared Voris

4:00 – 4:20 pm – Dr. Easton Wren

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Speaker: Dr. Jared Voris

Postdoctoral Researcher
University of Calgary

Topic: *The Prince of Dragons:
The first tyrant dinosaur
and the origins of T. rex*

DATE: Sunday March 14, 2027

TIMES: 1:00 pm
 3:00 pm



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Speaker: Dr. Jared Voris

Postdoctoral Researcher, University of Calgary

The Prince of Dragons: The first tyrant dinosaur and the origins of *T. rex*

66 million years ago, North America was home to one of the largest apex predators to ever walk the earth: *Tyrannosaurus rex*—"The Tyrant Lizard King", a gigantic predator with huge, banana-shaped teeth and a massive skull, especially suited for delivering bone-crushing bites.



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The Prince of Dragons: The first tyrant dinosaur and the origins of *T. rex*



These characteristics may have raised Tyrannosaurus to an almost "mythical" status, but they also raise important questions such as "Where did *T. rex* come from?" and "How did it evolve?". To answer these, we must look further back in time, 20 million years before *T. rex*, when the tyrant lizard kings were still only princes.

Image courtesy of Julius Csotonyi

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Speaker: Dr. Jared Voris

Postdoctoral Researcher, University of Calgary

The Prince of Dragons: The first tyrant dinosaur and the origins of *T. rex*

Dr. Jared Voris is a postdoctoral researcher and dinosaur paleontologist in the Department of Earth, Energy, and Environment at the University of Calgary.

Dr. Voris first attended Appalachian State University in North Carolina, U.S.A., where he majored in geology and minored in biology. He then moved here to Calgary where he received a master's and a PhD researching the growth, anatomy, and evolution of the dinosaur group known as the tyrannosaurs.



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The Prince of Dragons: The first tyrant dinosaur and the origins of *T. rex*

He has been the lead author on several papers discussing the evolution of tyrannosaurs, including most recently a publication in the journal *Nature* that revised our understanding of the origins and evolutionary patterns of the tyrannosaurs, including the establishment of a new species that was an ancestor to all tyrannosaurs.



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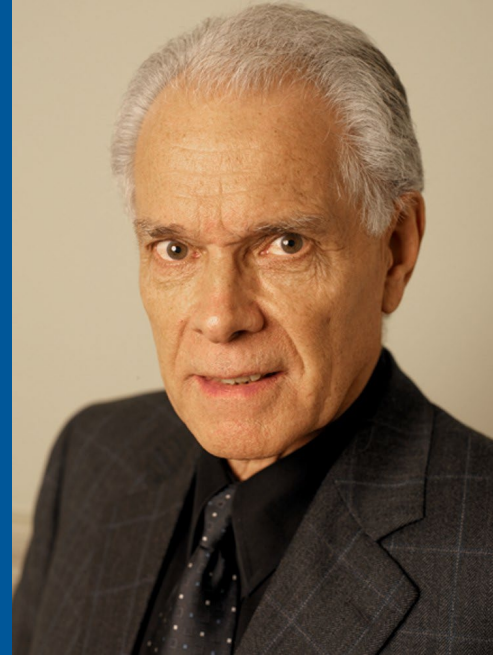
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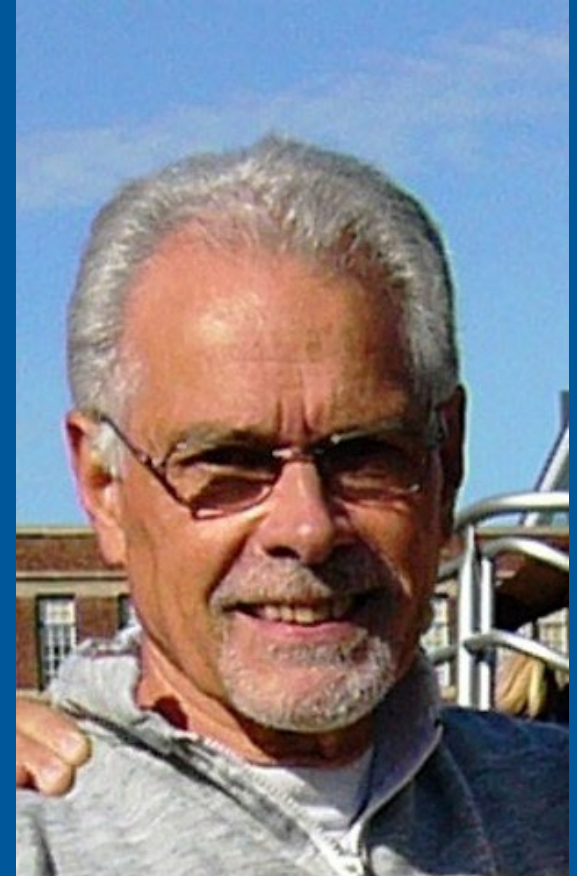
Speaker: Dr. Easton Wren

**Professor
Mount Royal University**

Topic: ***Imaging Techniques in Medicine
and Geophysics In
Two- and Three-Dimensions***

DATE: **Sunday March 14, 2027**

TIMES: **2:00 pm
4:00 pm**



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Speaker: Dr. Easton Wren

Professor, Mount Royal University

Imaging Techniques in Medicine and Geophysics In Two- and Three-Dimensions

Modern day medicine and the seismic method in oil exploration have much in common. Early methods of imaging in both cases were primitive and have largely been replaced with modern and improved technologies.



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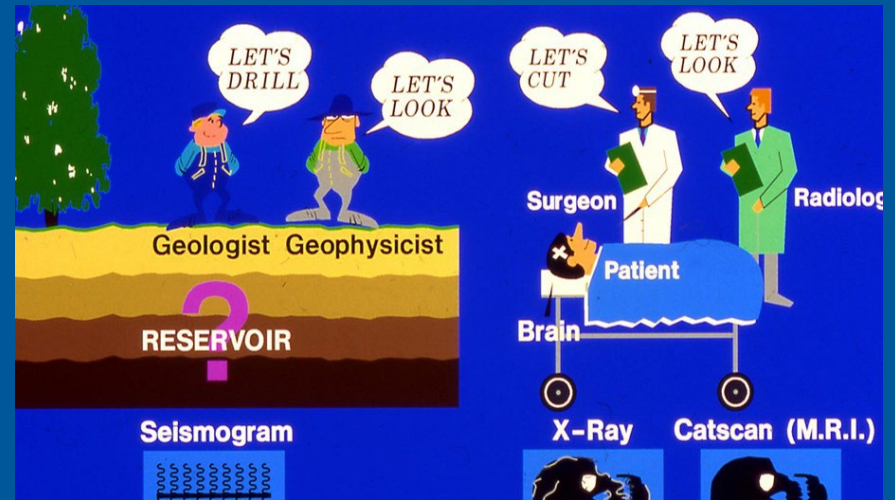
Imaging Techniques in Medicine and Geophysics In Two- and Three-Dimensions

Both practices try to image the interior of the subject:

In medicine it is to identify the problem which needs to be treated: broken bones, muscle tears, cancer presence, heart problems and brain tumours etc: **all before surgery.**

With the seismic method the objective is to image rock formations in the subsurface with the purpose of determining which rocks at which depth may contain oil and gas in economic quantities: **all before drilling a well.**

Therefore, take a look before you operate or drill.



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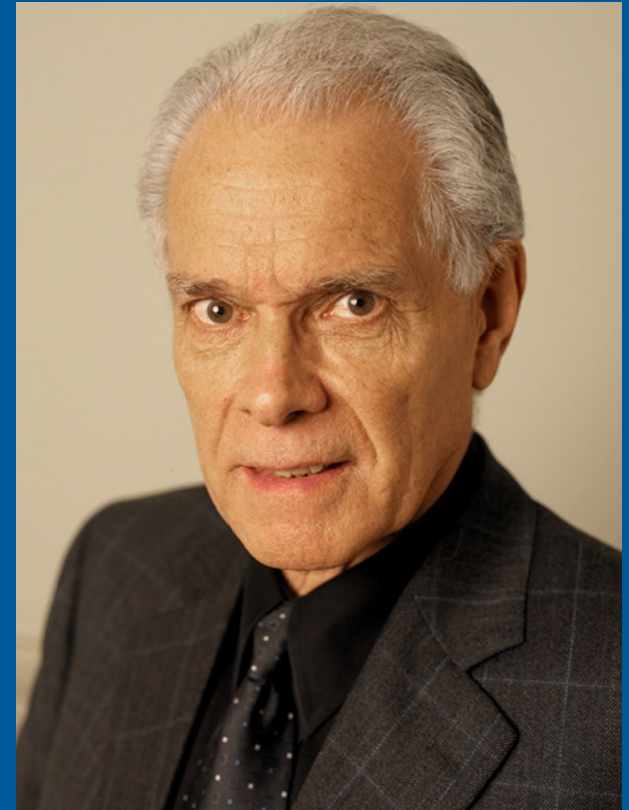
Professor, Mount Royal University

Imaging Techniques in Medicine and Geophysics In Two- and Three-Dimensions

Easton was born and raised in Scotland. His university B.Sc. in Geology enabled him to work in the oil business in Libya then the mining business in Uganda at which point he decided on oil as a career.

On finishing a PhD in Geophysics, he emigrated to Calgary and spent many years with a variety of oil companies, including Amoco Canada, PanCanadian Petroleum and Americas Petrogas.

Much of his active career was spent living and working in 23 countries in every continent except Antarctica.



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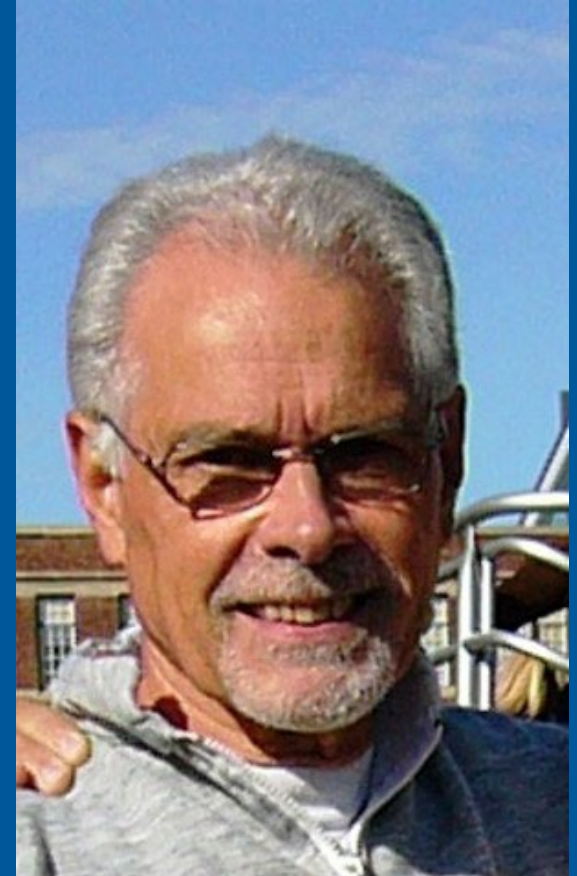
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During his career he became involved in the movie and TV world and had a 5-year contract with CFAC-TV for Science Documentaries, aimed at the general public as well as Junior High School students.

Prior to retirement from oil, he became a Session Professor at Mount Royal College, now Mount Royal University, and continues to teach the business, politics and economics of the oil industry.



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March 14-16, 2027

MacEwan Hall at the University of Calgary



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A fun, educational, and interactive event that demonstrates Earth science fundamentals to students, families, and the public.

Bring your families, friends, neighbours and colleagues!



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