



Society of Rural Physicians of Canada  
27TH ANNUAL RURAL AND REMOTE MEDICINE COURSE  
Halifax Nova Scotia • Halifax Convention Centre  
APRIL 4 - 6, 2019

Mr. Fraser Turner

## SESSION 149

# What is Real?: How the History and Personalities of Quantum Mechanics Affect our Understanding of Reality

The first half of this talk will be an overview of Quantum Mechanics and why it's so difficult to interpret its results (much like the Quantum Consciousness talk at Rural and Remote 2018). The latter half will explore different interpretations of Quantum Mechanics and how personalities, politics, and historical events have impacted the debate over which of these provide a better picture of "Reality."

1. Participants will be able to use an intuitive rule of thumb to describe quantum behavior.
2. Participants will gain an appreciation of the scale over which you can observe quantum effects.
3. Participants will explore how personalities and politics can influence scientific understanding.