



INSPIRING WOMEN IN SCIENCE

This exciting series features women scientists who are making important contributions to the world of Science. Join us to learn about their exploration into the fields of Public Health, Physics, Planetary Science, Animal Research, Medical Biology and Zoology! Also discussed will be the prejudices experienced of being women in science.

JAN 13, 2022 BRIDGING COMMUNITIES AND KNOWLEDGE SYSTEMS IN THE INUVIALUIT SETTLEMENT REGION **Deva-Lynn Pokiak and Sonja Ostertag**

Deva-Lynn Pokiak and Sonja Ostertag will present on their experiences as women in Arctic science. Deva-Lynn was raised in Tuktoyaktuk, Inuvialuit Settlement Region (ISR), Northwest Territories, and has extensive experience and knowledge travelling and harvesting in the ISR. Sonja has conducted research in the communities of Inuvik, Paulatuk and Tuktoyaktuk and has camped with families in the ISR whenever possible. Deva-Lynn and Sonja are committed to research and monitoring that supports ecosystem and human health in the ISR.

JAN 20, 2022 QUANTUM REVOLUTION **Dr. Shohini Ghose**

Enjoy a guided tour through quantum wonderland. This is the story of Dr. Ghose's journey through the strange, invisible world of atoms and photons, and the surprising lessons learned about science and about being a scientist. Your journey will include an introduction to the quantum world, an exploration of the quantum technology landscape, and a glimpse into its impact on science and society.

FEB 03, 2022 UNDERSTANDING THE CURRENT STATE OF ECOLOGICAL CHANGE IN THE YUKON DUE TO **CLIMATE CHANGE** **Kristen Reid**

Northern Canada has incredibly varied landscapes, all of which are changing fast from both climate change and human development. Conserving these ecosystems requires site-specific knowledge about biodiversity patterns and processes, which is often lacking in the North, hindering effective planning and management.

Kristen Reid's research aims to understand the current state of novel ecological communities throughout Yukon (those which have not previously existed at this latitude) and to make predictions about where future novelty will occur. In this talk she will summarize her Northern-based research and its implications for future policy changes and land uses, as well as the continued need for conservation advocacy throughout Canada but especially in the North.

FEB 10, 2022 THE GIRAFFE LADY **Dr Anne Innis Dagg**

In 1956, before anyone, man or woman had made such a trip, 23-year-old Canadian biologist, Anne Innis Dagg, made an unprecedented solo journey to South Africa to become the first person in the world to study giraffes in the wild. When she returned home a year later armed with ground-breaking research, the insurmountable barriers she faced as a female scientist proved much harder to overcome.

For three decades, Dr. Dagg was absent from the giraffe world until 2010 when she was sought out by giraffologists and not just brought back into the fold, but finally celebrated for her work. While toting her memoir recounting her seminal journey, *Pursuing Giraffe: A 1950s Adventure*, Anne caught the attention of filmmaker Alison Reid which resulted in the award-winning feature documentary [The Woman Who Loves Giraffes](#).

Please join Dr Dagg and her daughter Mary to share details about the film, giraffes, Anne's life and what's happening now.

FEB 17, 2022 PLANETARY SCIENCE – LUNAR EXPLORATIONS **Dr. Sara Mazrouei**

This talk will focus on lunar exploration in the past, present and future. It will cover the top 10 scientific discoveries by the Apollo missions, current lunar missions and their most significant discoveries, ending with an overview of the upcoming lunar missions in the public and private sectors

FEB 24, 2022 THE BIOLOGICAL BASIS OF PHYSICAL REHABILITATION IN ASTRONAUTS, BED REST, AND **HOSPITAL-ACQUIRED DECONDITIONING** **Dr. Odette Laneuville**

Dr. Laneuville's research interest lies in the understanding of the body's response to an extended period of immobility and the resulting severe functional decline. Her group participates in both clinical and experimental studies aimed at elucidating the genetic events leading to deconditioning and the identification of biomarkers. Findings from three research models will be presented; hospital-acquired deconditioning, bedrest studies, and astronauts.