

# 42<sup>nd</sup> Annual HUGGINS SCIENCE SEMINAR

**Thursday, April 4, 2024 | 7:00pm | Reception to Follow**

Acadia University, Wolfville | Huggins Science Hall, Room 10

## Large sharks in Canadian waters (and beyond): Is their beauty in the eye of the beholder?

IN THIS TALK I WILL EXPLORE research undertaken by my team on the movement and trophic interactions of large aquatic predators in the context of our broader understanding of movement behavior and the movement ecology paradigm. Specifically, we will delve deeper into the challenges, but also novel methodological approaches that are evolving to study these complex species and the insights we are gaining. We will focus on the oldest living vertebrate and the largest Arctic fish, the Greenland shark (*Somniosus microcephalus*) and the enigmatic, but controversial white shark (*Carcharodon carcharias*). Holistically, we will explore current and developing research opportunities that are required for effective conservation and management of these threatened species while also considering if the beauty ‘of sharks’ truly lies in the eye of the beholder.



### Nigel E. Hussey

Nigel E. Hussey is a global expert on the application of biotelemetry technologies to aquatic species. He has over 20 years' experience of directly interacting with (capture, handling) and application of various telemetry technologies (acoustic, satellite and biologging) to understand species' movement ecology to inform conservation and management. To date, he has worked on large sharks (e.g. white, Greenland, lemon, tiger, hammerhead, Galapagos etc) and marine mammals (narwhal, beluga, sperm) in polar to tropical environments. Nigel is an Associate Professor in the Department of Integrative Biology at the University of Windsor, leads the Arctic program for the Global Ocean Tracking Network and is the Director of the Tancook Islands Marine Field Station.

### Charles B. Huggins 1901–1997

1966 Nobel Laureate in Physiology and Medicine  
1920 Acadia Graduate

*The Huggins Science Seminar was established in 1972  
on the initiative of Acadia graduate, Dr. Charles Huggins,  
Nobel laureate and former Acadia Chancellor.*

