

**WINNING  
SCHOLARSHIP 2018**



THE UNIVERSITY OF BRITISH COLUMBIA

2017

## Daniel Pauly

UNIVERSITY KILLAM PROFESSOR,  
INSTITUTE FOR THE OCEANS AND  
FISHERIES, AND ZOOLOGY

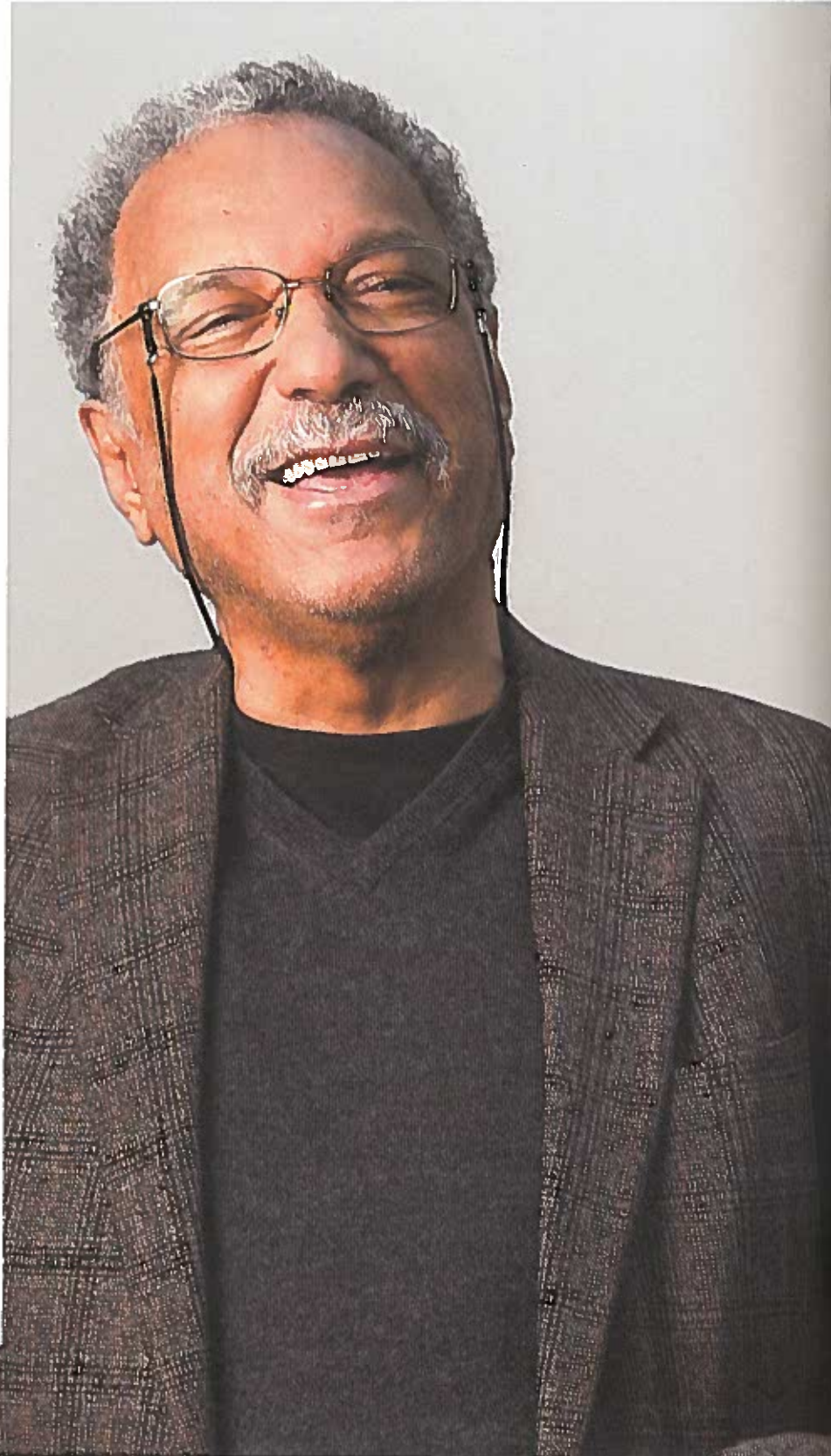
### SIR JOHN WILLIAM DAWSON MEDAL RECIPIENT

The award recognizes important and sustained contributions in two domains of interest or in interdisciplinary research. The medal is awarded every two years if there is a suitable candidate.

Dr. Daniel Pauly is Principal Investigator for Sea Around Us, devoted to studying, documenting and promoting policies to mitigate the impact of fisheries on the world's marine ecosystems. A lack of accurate or comprehensive data makes efforts to stem the tide of overfishing difficult, limiting the chances of success. Sea Around Us provides one part of the solution: reconstructed catch data for fisheries across the globe.

#### OTHER RECENT AWARDS:

- Chevalier de la Légion d'Honneur, 2017
- Blue Marine Foundation and Boat International, Ocean Award (Science), 2017
- Radio Canada, Scientifique de l'année, 2016
- Institut Océanographique, Albert 1<sup>er</sup> Fondation de Monaco, Grande Médaille (Science), 2016
- Peter Benchley Ocean Award, 2015
- American Association for the Advancement of Science, Fellow, 2015



2017

## Ingrid Stairs

PROFESSOR, PHYSICS AND ASTRONOMY

### RUTHERFORD MEMORIAL MEDAL RECIPIENT

The medals are awarded for outstanding research in any branch of physics and chemistry. Some preference is given to candidates under 40. The awards are offered every year if there is a suitable candidate.

Dr. Ingrid Stairs uses the world's largest radio telescopes to study pulsars, dense neutron stars derived from the cores of massive stars that have undergone supernova explosions. Pulsars emit lighthouse-like beams of radio waves that can be detected every time the neutron star spins. Monitoring the spin rates of pulsars over months and years leads to an enormous range of astrophysical results. At one extreme is an improved understanding of the nature of matter at ultra-high densities; at the other are the most stringent tests to date of general relativity in the strong-field regime.

#### OTHER RECENT AWARDS:

- Canadian Astronomical Society, Peter G. Martin Award for Mid-Career Achievement, 2017
- Canadian Institute for Advanced Research, Senior Fellow, 2014



## ROYAL SOCIETY OF CANADA MEDALS

THE ROYAL SOCIETY OF CANADA: THE ACADEMIES OF ARTS, HUMANITIES AND SCIENCES OF CANADA is Canada's National Academy, the senior collegium of distinguished scholars, artists and scientists in the country. The primary objective of the Society is to promote learning and research in the arts, humanities, and the natural and social sciences. It presents a number of awards and medals to its members.

### RECENT ROYAL SOCIETY OF CANADA MEDALS

2017 - MCLAUGHLIN MEDAL

**Julio Montaner**  
PROFESSOR, MEDICINE

The McLaughlin Medal is awarded for important research of sustained excellence in any branch of medical sciences.

2016 - RUTHERFORD MEMORIAL MEDAL

**Curtis**  
PROFESSOR,  
CHEMICAL  
ENGINEERING