



THE UNIVERSITY  
of ADELAIDE



# Re-imagining Antarctic Science

## The role of history, law and politics

5pm, 15 August 2017

Room 231, Ligertwood Building, Adelaide Law School

CRICOS Provider Number 00123M





FREE event. Register here: [goo.gl/x3ZCEB](http://goo.gl/x3ZCEB)



## **Mark Pharaoh, “South Australia’s Historic Scientific Connections to Antarctica”**

**Australian Antarctic Collection, South Australian Museum**

Mark Pharaoh is Senior Collection Manager, Australian Polar Collection, at the South Australian Museum. Mark’s responsibilities extend to the Mawson Gallery and Centre. He played pivotal roles in both Mawson exhibitions, and curated *Quest for the South Magnetic Pole* (2009), which toured into 2011. He oversaw the publication of a facsimile of the *Adelie Blizzard* (2010), Mawson’s Forgotten Newspaper, and organised the *Aurora* Symposium in 2014 for the centenary of the same Expedition. Mark regularly lectures about polar explorers, including on four cruises to Antarctica; and three Bike SA-supported 800 kilometre Mawson Outback Odyssey’s, numerous roadshows, and a camel-supported hike into Arkaroola.

## **Dr Crid Fraser, “Antarctic Biodiversity Has Been Shaped by Past Environmental Change and Extremes – But What is its Future?” Fenner School, Australian National University**

Dr Crid Fraser is a biologist / phylogeographer at the Australian National University, and is broadly interested in the influence of environmental conditions, including past and future environmental change, on global patterns of biodiversity. She uses a wide range of techniques to address research questions, including ecological and genetic approaches, and has a particular focus on the high-latitude ecosystems of the Southern Hemisphere (the sub-Antarctic islands and Antarctica). She was named ACT Scientist of the Year in 2016.



## **Prof. Adjuncta Carina Oliveira, “Antarctic Bioprospecting – A Developing Country Perspective” Law Faculty, University of Brasilia**

Carina Oliveira, PhD (Panthéon-Assas, France), is a Professor of International and Environmental Law at the Law Faculty, University of Brasília, Brazil; and Visiting Scholar at the C-EENRG, University of Cambridge. Carina’s research interests include Public and Private International Law, Environmental Law, Marine Resources Preservation and Conservation. Carina coordinates the Research group on Law, Natural Resources and Sustainability (Gern-UnB). Carina is a member of the Research Projects: “The function of law in the sustainable management of the minerals resources in the sea” and “The Brazilian strategy on sustainable management of living and non-living marine resources”.

## **Associate Professor David Leary, “Antarctic Bioprospecting – A Developed Country Perspective” Faculty of Law, University of Technology Sydney**

Associate Professor David Leary is based in the Faculty of Law at the University of Technology Sydney where he teaches Public International Law, Law of the Sea and International Environmental Law. He has published widely on legal issues at the frontiers of science and technology. He is especially known for his contributions to debates surrounding marine biotechnology, biotechnology from extreme environments such as the deep sea, the Arctic and Antarctica. He has also published widely on a range of other environmental issues related to both the Arctic and the Antarctic such as mining, shipping and the use of drones in the polar regions. David has been fortunate to travel for work and pleasure to the Arctic on many occasions and in early 2016 he travelled for the first time to Antarctica.



## **Dr Nengye Liu, “The Rise of China and Antarctic Science” Adelaide Law School, University of Adelaide**

Dr Nengye Liu is a Senior Lecturer at the Adelaide Law School, University of Adelaide. He was educated in Wuhan University (China, LLB and LLM) and Ghent University (Belgium, Doctor of Laws). Dr Liu’s research seeks to enhance the global governance regime for protection of the oceans. It has a particular focus on the Polar Regions (the Arctic and Antarctica). Dr Liu has published widely in fields of the law of the sea and international environmental law. He has presented research results in more than 20 countries across five continents and convened three international conferences in Scotland (EU-Arctic 2015), Australia (South China Sea 2016) and China (Polar Governance 2017).

## **Session Chair: Dr Michelle Lim Adelaide Law School, University of Adelaide**

Dr Michelle Lim is a Lecturer at the Adelaide Law School, University of Adelaide. Her research explores the relationships between biodiversity and human well-being and occurs at the science-law interface. Michelle is the 2016/2017 Law Council of Australia Mahla Pearlman Australian Young Environmental Lawyer of the Year.



**This workshop is organised by Dr Nengye Liu (Adelaide Law School) and funded by National Science Week & Big Science Adelaide.**