

# EXPLORE LIFE BE A BIOCHEMIST

Email:  
[education@biochemistry.org](mailto:education@biochemistry.org)  
for printed copies



Professor James Crabbe has been studying the influence of climate change and the environment on coral reefs and the people who depend on them for over 15 years, mostly in Indonesia and the Caribbean. Here he is diving on the outer Great Barrier Reef in 2011, before the recent catastrophic bleaching events there.



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Dr Beatrix Schlarb-Ridley works at the British Antarctic Survey. She explores how the biodiversity of polar regions can help us achieve a sustainable bio-economy, and more broadly focuses on unlocking the potential of polar research for the benefit of society.



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Dr Jumli Popoola studies cancer at The Institute of Cancer Research, London. She works to understand the networks of signals within cancer cells, and how they are affected by drugs. Her work here could pave the way for new-generation treatments that can overcome cancer evolution and drug resistance.



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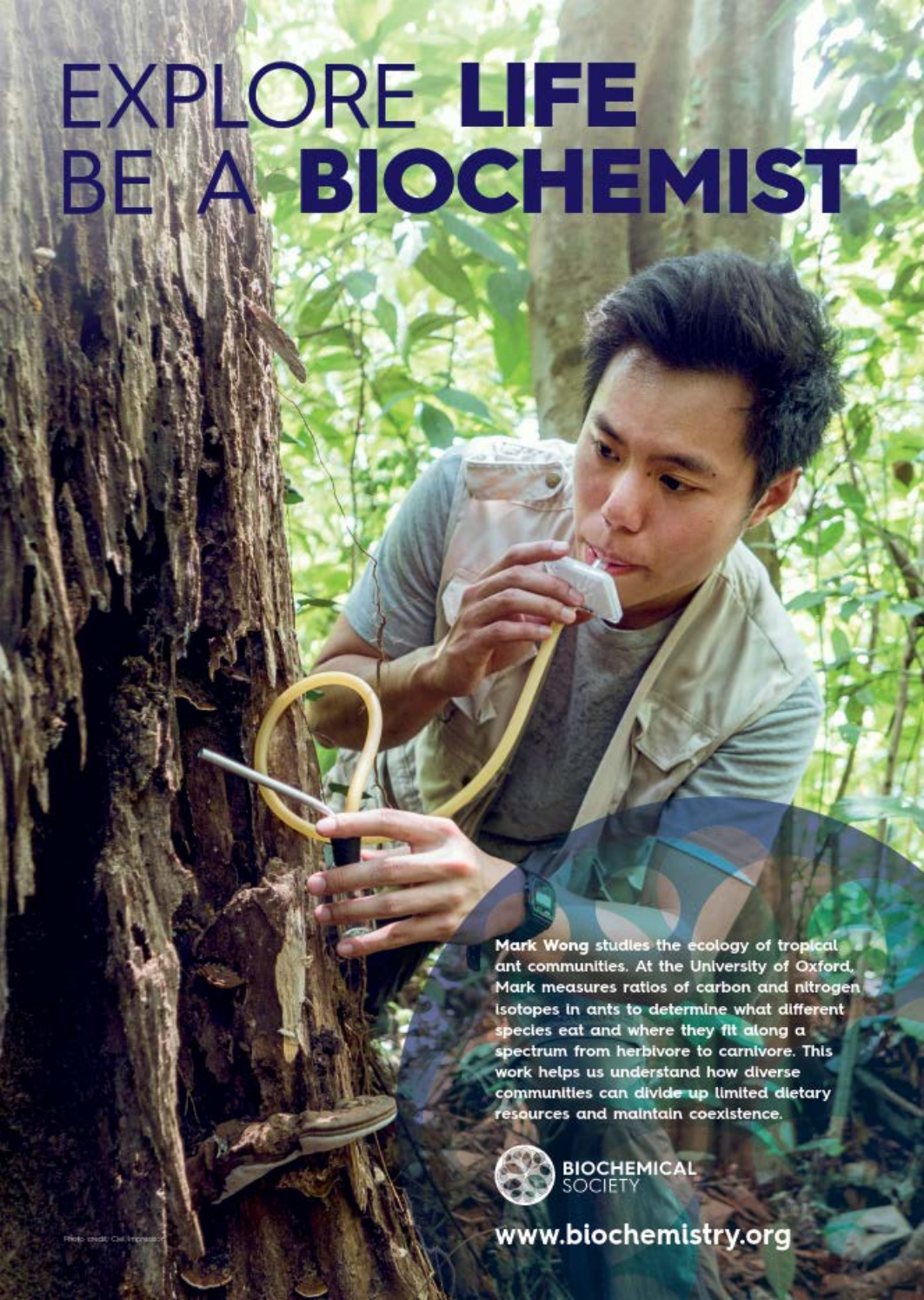
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Photography by Nicola Tree for The Institute of Cancer Research, London



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A young man with dark hair, wearing a light-colored jacket over a grey t-shirt, is focused on a task in a forest. He is using a yellow flexible tube connected to a silver probe that is inserted into a hole in a tree trunk. The background is filled with lush green foliage and tree trunks, suggesting a tropical environment. The lighting is natural, highlighting the textures of the tree bark and the man's concentration.

Mark Wong studies the ecology of tropical ant communities. At the University of Oxford, Mark measures ratios of carbon and nitrogen isotopes in ants to determine what different species eat and where they fit along a spectrum from herbivore to carnivore. This work helps us understand how diverse communities can divide up limited dietary resources and maintain coexistence.



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