

# CATALYS SEASON 20

### AUSTRALIA'S FLAGSHIP SCIENCE DOCUMENTARY SERIES IS BACK

with a fresh hour-long format to inspire audiences and showcase high impact stories

HD 10 × 60' Australian Broadcasting Corporation | Catalyst

CATALYST

# THE GREAT AUSTRALIAN BEE CHALLENGE

Four families take on a life-changing challenge



In this uplifting series, host Paul West (*River Cottage Australia*), leading entomologist Dr Tonay Latty and urban beekeeping expert Doug Purdie guide four families, as they compete against one another to build thriving hives that produce delicious honey. All the contestants are keen to do their bit, at a time when bees are under global threat – but they're also keen to ace the challenges, and that means delving into the very latest science behind bee communication, brains, and behaviour.

Our amateur beekeepers encounter all sorts of obstacles on their journeys – from strange conditions and infestations, to house moves and drought. This hugely inspiring series proves both entertaining and informative, as we follow the intrepid teams to discover the source of the sweetest honey – the city or the country?

HD 2 × 60



### **BLACK HOLE HUNTERS**

Photographing a black hole for the very first time

In this epic documentary special, Professor Tamara Davis meets the scientists hunting one of space's most elusive enigmas: black holes. With humble beginnings in outback Australia, their journey has brought them to the cusp of an unprecedented milestone – photographing a black hole for the very first time. But these mysterious objects present many puzzling questions and solving them could force us to rethink everything we know about the laws of physics.



## **ALLERGY CLINIC**

# Uncovering the riddle of the allergy epidemic

One in five adults suffer hay fever. One in ten children now have a food allergy. Hospitalisations due to anaphylaxis – the most extreme and deadly kind of allergic reaction – are quadruple what they were just two decades ago.

In this fascinating special (the second in the 'Clinic' series), scores of ordinary people who live with all kinds of allergies – from the rare, to the miserable, to the potentially deadly – meet with leading immunologists, to put their condition under the microscope. With the aid of their own pop-up clinic, the team helps people understand why so many of us are suffering from these debilitating conditions and showcases the latest science being used to treat and prevent them.

HD 1 × 60'



# THE MINDFULNESS EXPERIMENT

Can mindfulness really make a difference?

Across the world, mindfulness has become a multi-billion dollar industry, but what is the truth about the claims being made for it? Can mindfulness really offer an alternative to a lifetime of pills or therapy, and an improved quality of life?

Working with a team of researchers, fifteen ordinary

Australians, take part in a revealing scientific experiment – to
see if practicing mindfulness has any measurable effect on
the body and brain, and to see if it can help treat conditions
like chronic pain, anxiety and stress – conditions that affect
millions of us.



**CRANIO FACIAL UNIT** 

**BODY IMAGE** 

**SHOULD I WORRY ABOUT...** 

**AGEING: PART 1** 

**AGEING: PART 2** 



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\*Working titles; in development and subject to change