

CATALYST



WEEK 33 HIGHLIGHTS

Sunday 12 August to Saturday 18 August 2018



JACK IRISH Season Final Sunday 12 August 8.30pm

ANH'S BRUSH WITH FAME Wednesday 15 August 8pm



Catalyst – Feeding Australia (Part 1)

The ABC celebrates Science Week with the series return of Catalyst.

To many people, organic or wild caught food is the best and healthiest produce to eat. But in 2050, when Australia's population hits 37 million, we may have to find more sustainable ways to farm our food than nature currently provides.

The **Catalyst** team search for ideas across Australia.

Chef Paul West arrives at an innovative barramundi farm in the Northern Territory, which employs an elaborate series of artificial wetlands to reduce its impact on the local environment. The fish farmers here also tweak nature to ensure the two million barramundi don't instinctively attack and kill each other. But is this kind of farm sustainable?

Paul also sees nature tweaked in a vast glasshouse in Victoria. Nearly everything about the environment here is artificial, from the Co2 pumped through large pipes to the controlled air pressure and humidity. The farm is incredibly efficient, creating thousands of new tomatoes every week. But Paul also discovers that there's a downside to an environment which lacks both wind and insects: the tomatoes have to be artificially pollinated.

Dietician Prof Clare Collins also examines the pros and cons of enhancing nature to increase food production at a modular farm in Brisbane where hundreds of lettuces and other greens are drip fed nutrients in a sealed room under LED lights.

Organic chemist Dr Noby Leong's mission is to find an alternative to beef, a staple of the Australian diet that's also one of the most environmentally expensive forms of protein in the world. It takes at least 25k of grain to create 1k of beef.

Noby introduces his friends to tacos filled with protein-rich insects and tries a new form of plant-based protein that tastes and looks like minced-meat at a gourmet burger cafe.

During the Australia wide tour, Paul also looks at the preservative qualities of the Kakadu plum, and discovers a new way to propagate avocados to end the present day avocado shortage. And Clare takes part in an experiment to find ways to reduce her appetite for fat.

Short synopsis

A new season of Catalyst begins with a 2-part special, Feeding Australia, where chef Paul West reveals the key breakthroughs in science and technology that will shape what we might be eating in the coming decades.

Production details

ABC Head of Specialist, Judith Whelan. Manager Science, Aidan Lavery.

Contact

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For preview, more information and images visit the [media portal](#)



Jack Irish

Jack (Guy Pearce) discovers Kendra's (Anna Samson) hideout in the side of the cliff – a rudimentary living space with hints of scientific research and video diaries. Before Jack can explore it properly, he's knocked unconscious and once he comes to, all the evidence is gone.

Rory's (Danielle Cormack) father, Thornton (Helmut Bakaitis), is the CEO of Zarco, a pharmaceutical company getting ready to launch a revolutionary anti-depressant, Gloxinia. Thornton is grooming Phillip (David Whiteley) to take over the company, but Phillip's enthusiasm is waning as tension grows between himself and Rory.

Simone helps Jack break into Kendra's iCloud account, where the back-ups of her video diaries are stored. She reveals that the grant from Next Horizon was in conjunction with Zarco Pharmaceuticals, who paid Delatech to fast track human trials of the anti-depressant, so they could get to market first. This early version of what became Gloxinia had terrible side-effects and killed many of the students who took part in the trial – international students from Meritus Institute of Higher Learning.

Harry (Roy Billing) sets Ricky (Neil Melville) up at the Harry Strang Stakes, revealing that he knows about Ricky's disguise and his plan. The two men let their horses battle it out – egos and money on the line.

Jack is surprised by the appearance of Linda (Marta Dusseldorp) and Orton (Jacek Koman) back in Melbourne, revealing they are now married. Jack and Linda head to the launch of Gloxinia to expose the truth about the history of the drug. Jack is quickly taken aside by Rory, who leads him into the depths of the building where Thornton and his henchmen await. Thornton has no hesitation in getting rid of Jack and Rory injects Jack with a lethal drug. But Jack has ensured that Linda plays Kendra's incriminating video confession to the audience at the Gloxinia launch in order to destroy the pharmaceutical company and everything Thornton has worked for.

Jack wakes in a hotel room and manages to make his way home where Linda, Orton and Gus (Tiarnie Coupland) wait, fearing the worst. Rory visits Jack and reveals she swapped the drug for a sedative and delivers Lakshmi's ashes to Jack – Zarco having kept her body for testing. Jack arranges for Lakshmi's remains to be returned to a grateful Ajeet (Sachin Joab) in India.

Short synopsis

In the season final, Jack Irish fights to unmask the truth, but will this fight for justice be his last?

Production details

Written by Andrew Knight, Matt Cameron, Andrew Anastasios and Elise McCredie. Directed by Mark Joffe, Kriv Stenders and Fiona Banks. Inspired by the Jack Irish novels by Peter Temple, an Easy Tiger Production for ABC in association with Film Victoria, produced by Ian Collie, Andrew Knight and Matt Cameron.

Contact

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For previews, more information and images visit the [media portal](#).



Anh's Brush with Fame – Dr Munjed Al Muderis

Anh invites ground-breaking surgeon Associate Professor Munjed Al Muderis to share his gruelling journey from Saddam's Iraq to an outback detention centre in Australia, and how he has gone on to make his name in revolutionary robotic prosthetics.

Munjed had a privileged upbringing in Baghdad, but always had a sense that he wanted to help the victims of war that he saw around him. Early in his medical career, he was confronted with a brutal ultimatum by members of Saddam's regime, and he made the snap decision to flee his homeland or else face dire consequences.

After a gruelling journey at the hands of unscrupulous people smugglers, his overcrowded boat was intercepted off Christmas Island, where Munjed would experience one moment of great kindness that taught him to take any available opportunity to help others. He was detained at Curtin Detention Centre in the Australian outback, where he was considered a trouble-maker for trying to improve conditions in the camp, before being granted release and refugee status one year later.

Working to have his Iraqi medical qualifications recognised, Munjed found a position at a rural Victorian hospital and devoted all his time to his dream of becoming an orthopaedic surgeon. He has been instrumental in developing robotic prosthetics and integrative surgery in the hope of improving quality of life for amputees.

Anh admires Munjed's self-belief and optimism and hopes to capture a sense of that in his portrait. Will Munjed like it?

Short synopsis

Surgeon Munjed Al Muderis shares his journey from Saddam's Iraq to outback detention centre, and the stellar medical career that he has built since. Anh Do admires Munjed's self-belief and optimism and hopes to capture a sense of that in his portrait.

Production details

ScreenTime Australia for ABC.

Contact

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For previews, more information and images visit the [media portal](#).



The Living Universe

To celebrate Science Week on the ABC, **The Living Universe**, a new four-part documentary series, brings to life, in breathtaking CGI, an epic future journey that our species has already begun: the voyage of an autonomous spacecraft to a planet beyond our Solar System in search of life.

During the series we meet the greatest minds of today in the fields of space exploration, planetary science and astrobiology as they confront the overwhelming challenges that this future interstellar mission presents, driven by a need to solve the oldest human mystery: are we alone?

Just 25 years ago, the universe was changed forever. The discovery of the first exoplanet – a planet orbiting a star other than our sun – revolutionised astronomy. Since then we've learnt that every single star in the sky hosts at least one planet. And as many of a quarter of them could have the right conditions for life. There are literally billions of new worlds out there for us to explore within our own milky way. Could one of them host life?

The Living Universe brings to life, in breathtaking CGI, an epic future journey that our species has already begun: the voyage of an autonomous spacecraft to a planet beyond our Solar System in search of life. Join NASA planetary explorers Gentry Lee and Steve Squyres; and exo-planet hunters Sara Seager, Francois Forget and Natalie Batalha on their quest to find life beyond Earth.

Episode 1: The Planet Hunters – Tuesday 14 August

For as long as we've had eyes to see and minds to wonder we've marvelled at the stars. But it was only on the eve of the 21st Century that a handful of scientists dared to gaze into the gloom between, believing planets like our own Earth could be found there. Since the discovery of the first so-called exoplanet in 1994, the Planet Hunters have transformed the way we see the universe. We now know that every star in the sky has at least one planet. How many of them might host life?

Short synopsis

The exoplanet revolution is upon us; we now know that every star in the sky is orbited by at least one planet. But how many of these planets might host life?

Production details

A 4 x 1hr documentary series. An Essential Media and Entertainment and Zed coproduction. Financed in association with Screen Australia and Create NSW.

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For preview, more information and images visit the [media portal](#).



Foreign Correspondent

As the mountain of trash grows in Australia's waste crisis, the idea of incinerating it has garnered some heavyweight backers, the federal energy minister among them. After China banned many recycling imports we've got to do something to stop rubbish and recyclables being dumped into landfill.

So will incineration work? Can it be clean? Is it cost-effective? Does it mean more recycling, or less?

An acknowledged leader in managing waste is Sweden. One of the world's biggest innovators, it's also one of the biggest incinerators.

So Foreign Correspondent and War on Waste's Craig Reucassel head to Sweden to see if it holds the answers to Australia's waste crisis.

In their own war on waste the Swedes boast a proud record. They have 34 vast waste furnaces that turn waste into energy for power and heating. They claim a recycling rate of 99 per cent and they banned dumping into landfill long ago. In many places, their food waste is collected and made into bio-fuel for their Volvos.

In the capital Stockholm, each time their kerbside wheelie bins are emptied, a sensor beeps and the household gets billed. So, if they put their bin out less, they pay less. "We save money just by sorting our garbage," says resident Sara Jarnhed.

Sweden even makes a billion dollars out of importing waste, burning thousands of tonnes of rubbish from Britain and other countries who don't know what else to do with it – and pay Sweden to get rid of it.

Problem solved? Not so fast. As Australia considers whether to go down the incineration road, Craig Reucassel follows the waste trail in Sweden to discover that we do have plenty to learn from the Swedish experience – but not all of it is good.

Short synopsis

There's a new push in Australia to build giant incinerators to burn waste. Is this the way to go? Those clever Swedes think so. Foreign Correspondent sends War on Waste's Craig Reucassel to Sweden to investigate.

Production details

Reporter: Craig Reucassel. Producer: Deborah Richards. Camera: Mat Marsic.

Contact

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Program not yet available for preview.
For more information and images visit the [media portal](#).



You Can't Ask That – Schizophrenia

Do you want to kill me? Aren't you just a fame whore? Where do you hide your dick? What's it like watching the love of your life get pounded? How much did you lie? What batshit crazy things did they make you do? Has it completely ruined your life? are just a few of the tough questions being asked in series 3 of **You Can't Ask That**.

This proudly homegrown ABC original format, puts misunderstood and marginalised Australians front and centre. The series confronts prejudice and discrimination by offering searing insights into the lives of diverse Australians who live in judgement. By asking only the hard questions and allowing interviewees to answer in their own words with conviction, candour, fervour and humour, the series adds new voices and fresh perspectives to subjects often dismissed.

You Can't Ask That series 3, will feature the first-person voices of survivors of sexual assault, ex-reality TV stars, former cult members, people with eating disorders, swingers, people living with schizophrenia, drag performers and priests. The series shines a light into all corners of Australian culture and identity, uncovering unique perspectives rarely heard with such honesty or clarity.

This episode of **You Can't Ask That** takes viewers inside the minds of people living with schizophrenia. With 1 in 100 people worldwide living with a form of schizophrenia, interviewees open up about their symptoms and diagnosis, the voices in their heads, delusions, hospitalisations and treatment. Largely misunderstood, with a lot of negative stereotypes and stigmas, schizophrenia is a complex but treatable mental illness - this episode provides a platform for eight unique Australians to set the record straight about what living with schizophrenia means to them

Short synopsis

This episode provides a platform for eight unique Australians to set the record straight about what living with schizophrenia means to them.

Production details

You Can't Ask That is an ABC Production. The series was produced and directed by Kirk Docker and Aaron Smith. ABC Executive Producer, Lou Porter.

Contact

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For previews, more information and images visit the [media portal](#).

KILLING EVE

ABC + iVIEW

Friday Night Crime Double continues...

KILLING EVE at 8.30pm

Eve (Sandra Oh) was a deskbound MI5 security officer who gets the chance to track down a mercurial, talented killer Villanelle (Jodie Comer). Killing Eve topples the typical spy-action thriller as these two fiercely intelligent women, equally obsessed with each other, go head-to-head in an epic game of cat and mouse.

EPISODE 4

Intel from Berlin points to the existence of a mole in MI6, prompting Eve to undertake her first surveillance operation. Meanwhile, Villanelle is sent to England to eliminate a member of British Intelligence. Villanelle wonders, could it be Eve? Meanwhile Eve, in emotional turmoil, now knows how high the stakes are.

Short synopsis

Berlin station thinks there is a mole, so Eve undertakes her first surveillance operation; while Villanelle is sent to England to eliminate a member of British Intelligence, wondering if it could be Eve.

MARCELLA at 9.15pm

Following his global success with *The Bridge*, Hans Rosenfeldt's *Marcella* captures his genius in creating truly compelling female characters. Set in contemporary London and starring Anna Friel, Marcella centres on the psychological struggles of a Metropolitan police officer at crisis point in her personal life, driven by rejection and intuition.

**EPISODE 4**

An aborted attack on an old man gives the police a new lead in the Grove Park killings. Marcella (Anna Friel) tries to track down the taxi driver from outside Grace Gibson's house, fearful that he saw her on the night of the murder.

Short synopsis

An aborted attack on an old man gives the police a new lead in the Grove Park killings. Marcella tries to track down the taxi driver from outside Grace Gibson's house, fearful that he saw her on the night of the murder.

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For previews, more information and images visit the [media portal](#).



The Split

Hannah Defoe is a brilliant divorce lawyer. With her formidable mother Ruth and headstrong sister Nina she takes on cases for London's wealthy and well-known. Following a bitter argument, Hannah leaves the family business to begin a new job at a rival firm, where she unexpectedly reconnects with the only other man she could have imagined her life with. And when Hannah's estranged father returns after 30 years, the toxic feud between her parents is re-ignited. As the Defoe family is forced to confront their fractured past, Hannah begins to question her own marriage.

As a lawyer, Hannah always gets what she wants for her clients but can she get what she wants for herself? A powerful series that explores family, love, loyalty and the messy business of divorce.

Starring Nicola Walker (*Unforgotten*), Annabel Scholey (*Being Human*), Fiona Button (*Lip Service*), Deborah Findlay (*The Lady in the Van*), Stephen Mangan (*Episodes*), Anthony Head (*Persuasion*). Writer Abi Morgan (*The Hour*). Directed by Jessica Hobbs (*Apple Tree Yard*) and produced by Lucy Dyke (*Black Mirror*).

Short synopsis

Hannah Defoe is a brilliant divorce lawyer. With her formidable mother Ruth and headstrong sister Nina she takes on cases for London's wealthy and well-known. Following a bitter argument, Hannah leaves the family business to begin a new job at a rival firm.

Production details

A Sister Pictures production for BBC co-produced with SundanceTV.

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For preview, more information and images visit the [media portal](#).

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