



# PRESS KIT

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## Production Notes

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<b>Producer</b>	Darren Dale
<b>Producer &amp; Writer</b>	Jacob Hickey
<b>Series Producer</b>	Bernice Toni
<b>Director</b>	Bruce Permezel
<b>Production Company</b>	Blackfella Films
<b>Genre</b>	Documentary Series
<b>Language</b>	English
<b>Aspect Ratio</b>	16:9 FHA
<b>Duration</b>	EP 1 00:51:53:00 EP 2 00:54:54:00 EP 3 00:52:58:00
<b>Sound</b>	Stereo
<b>Shooting Gauges</b>	Arri Amira, F55, DJI Inspire Drone, Blackmagic & Go Pro

## Logline

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Who are we? And where do we come from?

## Short Synopsis

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Who are we? And where do we come from?

Australia's greatest Olympian Ian Thorpe, iconic Indigenous actor Ernie Dingo, and TV presenter and Queen of Eurovision Julia Zemiro set off on an epic journey of genetic time travel to find out.

## Long Synopsis

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Who are we? And where do we come from?

Australia's greatest Olympian Ian Thorpe, iconic Indigenous actor Ernie Dingo, and TV presenter and Queen of Eurovision Julia Zemiro set off on an epic journey of genetic time travel to find out.

DNA is the instruction manual that helps build and run our bodies. But scientific breakthroughs have discovered another remarkable use for it. DNA contains a series of genetic route maps. It means we can trace our mother's mother's mother and our father's father's father, and so on, back through tens of millennia, revealing how our ancestors migrated out of Africa and went on to populate the rest of the world.

DNA alone cannot tell the whole story. It is a hypothesis that needs to be corroborated with other evidence. As the three travellers follow in the footsteps of their ancient ancestors, they are guided on their way by some of the world's leading experts in genetics, anthropology and archaeology.

As they experience life as hunter-gatherers in Tanzania, dig for fossils in the Arabian desert, ride horseback in Kyrgyzstan, and take to the high seas in Timor Leste, Ian, Ernie and Julia discover the remarkable journey their ancestors made from Africa to Australia across 200,000 years.

As the three continue their globe-trotting adventure, a unique genetic census is also underway in Australia. Everyday Australians across the nation are donating their DNA. It's the first survey of its kind, and the results will help reveal the hidden story of our identity.

DNA is collected from Australians from six distinct ethnic groups — Greek, Chinese, Anglo-Celtic, Indian, Lebanese and Aboriginal. The census represents more than 90% of the Australian population, and will deliver a snapshot of the nation's genetic ancestry.

DNA Nation is a ground breaking documentary series that will change the way we think about Australia, the world and ourselves.

Could it be that we're not who we think we are?

## Episode 1 Synopsis – TX 22 May 2016

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Ian Thorpe, Ernie Dingo and Julia Zemiro are setting out on extraordinary experiment.

They're about to become some of the first people in Australia to use DNA to go on a journey tracing their ancestry back through more than 200,000 years.

Guiding the trio on their journey is Dr John Mitchell. Dr Mitchell has spent more than 40 years studying genetics and what it tells us about our identity.

But how can this journey of genetic time travel be plotted? The Y and Mitochondrial DNA on our father's and mother's lines passes from generation to generation as exact copies. But every so often, a mutation occurs - a marker.

These markers denote a new branch of the human family tree and the great journey of humankind. And crucially they can plot where Ian, Julia and Ernie's ancestors were - and when.

The trio heads towards the Serengeti plains in northern Tanzania. They're stepping back 200,000 years to the beginnings of humankind.

They meet the Hadzabe people, one of the last remaining hunter-gatherer tribes on earth. Living off the land, they still use ancient methods to survive.

Ernie and Ian join the men in the bush. Armed with bows and arrows they search out their prey. Meanwhile back at base, Julia helps the women dig for root vegetables. For the three travellers it's a glimpse into the world of how their ancestors survived.

And back in Melbourne, Dr Mitchell has news. The three are about to discover how together DNA and archaeology can piece together one of the great mysteries of humankind – our journey out of Africa to populate the rest of the world.

They head for Kenya and the Turkana Basin. After fossicking for fossils, the group meets Richard Leakey, the man who discovered some of the oldest remains of modern man. Moved by the experience, the trio's thoughts turn from our survival as a species to identity and race.

And there are more surprises in store. The first results from the genetic census of everyday Australians have been analysed, and it seems we may not always be who we think we are.

Following in the footsteps of their and our ancestors, Ian, Ernie and Julia make their way out of Africa.

The next leg on the journey following their genetic route map all the way back to Australia is about to begin.

## Episode 2 Synopsis – TX 29 May 2016

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Around 70,000 years ago, Ian, Ernie and Julia's ancestors lived in what we now know as the Arabian Desert. But much has changed through the course of human history. This arid, unforgiving desert was once a very different place.

Archaeologist Jeff Rose has been studying the region for the past decade, and reveals to the three travellers that this was once a lush green expanse.

To unearth more secrets of the past, the three go deep into the desert in search of the stone tools their ancestors used for everything from hunting to cutting. Hoping to channel the skills of his ancestors, former Olympic champion Ian attempts to make his own stone tool, but soon discovers it's not quite as easy as it looks...

The journey through time and place continues. But now it's time for the trio to split up. Ian and Julia journey to Israel and soon discover something extraordinary about their ancient ancestry - the percentage of Neanderthal DNA they each carry. To find out why they must venture deep into a cave 150 metres deep, and hold the skull of their 55,000 year-old ancestor.

While Ian and Julia have followed the 'N' Branch of the human family tree out of Arabia and into Israel, Ernie has journeyed east following the 'M' branch on his genetic route map. His DNA reveals an ancient connection to the people of India. To find out more, Ernie makes his way south to the remote rural village of Isko, home to the Munda people. It's not long before he discovers the deep and surprising links he has with this Indian tribe.

Back in Melbourne, Dr Mitchell has also been analysing Ian and Julia's DNA results to plot the next leg on their genetic route map. It takes them to Turkey around 10,000 years ago.

In Istanbul, they meet geneticist Dr Carles Lalueza Fox, and learn of remarkable research that could shed light on one of the great signatures of humankind – the colour of our skin.

Meanwhile in Australia the unique genetic census of everyday Australians continues, and the DNA results reveal that identity really is more than skin deep.

In India, Ernie is deeply moved as he's taken to a cave adorned with ancient rock art.

Meanwhile Ian and Julia make their way to an archeological dig in central Turkey. A lost city - one of the first the world had ever seen. Dr Ian Hodder takes the pair to the homes where their ancestors once lived. This was a close-knit community in life - and death. The remains of hundreds of bodies have been found here. Often buried with personal possessions as their family continued to live in the house above them.

Back on the banks of the Bosphorus in Istanbul, Dr Mitchell gets in touch.

The journey of genetic time travel is entering its final stage. And for the three intrepid explorers there will be surprises close to home.

## Episode 3 Synopsis – TX 5 June 2016

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Ian Thorpe, Ernie Dingo and Julia Zemiro have all donated their DNA so they can retrace their ancient ancestry. Having started out together in Africa, they're now making their way across the world on separate journeys.

Ian's come to the grasslands of Kyrgyzstan in the former Soviet Union to discover how his forebears, to the west in the Russian Steppes, were part of a pivotal period of history. All horses once roamed wild. But around 5,000 years ago it's thought they were domesticated for the first time. Ian's ancestors' horse-taming skills and the invention of the wheel changed the course of human history. They could now migrate into Europe. After trying his hand at milking a mare, next Ian learns why Europeans and most Australians today can drink fresh milk.

Around three thousand years ago, Julia Zemiro's father's ancestors may well have been on the beautiful Mediterranean island of Sardinia, off the west coast of Italy. She meets geneticist Doctor Pierre Zallou who explains what made the sea-faring Phoenician people so remarkable. For Julia, the revelation is deeply personal and emotions run high.

On the other side of the world Dr Mitchell is also plotting Ernie Dingo's genetic route map. Next stop is Timor Leste. Here Ernie will learn of one of humankind's greatest ever achievements – the journey to arrive on the shores of Australia for the first time.

In Sardinia Julia is taken to an archeological dig and helps extract the tooth of her two and a half thousand-year-old ancestor. In Kyrgyzstan, after learning that his forebears may be responsible for the 400 Indo-European languages and dialects spoken in the world, Ian's invited to get a taste of his heritage – roast horsemeat.

Nobody knows exactly how the First Australians made their history-changing sea voyage around 50,000 years ago. But in Timor Leste, it's time for Ernie to take to the high seas and find out.

And the surprises are far from over. Dr Mitchell has news of a bloodthirsty past and Ernie's Viking heritage. After travelling thousands of kilometres, and through tens of thousands of years of history, the trio begins the final leg of their worldwide journey.

Julia and Ian arrive in England and Scotland and meet their 'genetic cousins'. But as they soon discover a DNA match doesn't determine everything... And back in Western Australia Ernie's made his way south to the Murchison River area - his land, his home and his birthplace. Dr Mitchell has news of a remarkable finding that will reveal just how deep is Ernie's genetic connection to this place.

Meanwhile all the results have been collated from the DNA census testing of everyday Australians, and the data is helping to tell the story of our identity - now and in the future.

For the three travellers, their adventure of genetic time travel has also come to an end - the journey following in the footsteps of their ancestors revealing the hidden story of us all.

## Producer's Statement

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**DNA Nation** is one of the most ambitious factual television series ever attempted in Australia.

And so the opportunity for Blackfella Films to produce this groundbreaking piece of work for SBS, came with a great sense of responsibility and privilege.

Discovering that DNA isn't only the instruction manual that builds and maintains our bodies but something that can take us all on an extraordinary journey into our past was incredibly exciting. Genetic time travel had arrived!

We could use cutting edge science to ask the big questions: Who are we? and where do we come from?

Taking three high profile personalities back through 200,000 years of history seemed like the perfect device given that we wanted to make an intelligent and informative series that made science accessible, watchable and entertaining. The audience could live vicariously through the trio's adventure, learning of the great journey of humankind and wondering what their own journey may be.

It was vitally important that we chose three 'big names' that not only had cut through with the viewers at home but also hailed from different backgrounds and deep ancestries. It meant that we could plot engaging and unique journeys to different parts of the world, revealing surprises along the way and crucially provoking discussion about what we all share in our ancient past.

Science was the key to open the door into stories of our history, and debate over our identity.

But we knew that science alone could not tell the whole story. It was a hypothesis that required corroboration with other evidence. Tracking down and including world leading experts in genetics, anthropology and archeology was one of the great thrills of making the series. Their expertise and insight gave a context and understanding to some of the most fascinating and fundamental events the world has ever seen.

It was our absolute intent that this journey should be active and immersive wherever possible. The trio would experience life as hunter-gatherers in Tanzania, dig for fossils in the Arabian desert, ride horseback in Kyrgyzstan, and take to the high seas in Timor Leste in order to discover the remarkable journey their and our ancestors made from Africa to Australia across 200,000 years.

Once we became aware of how user-friendly, accessible and affordable the DNA testing kits were, we hatched the deeply ambitious plan to conduct a 'genetic census' which involved everyday Australians from across the nation donating their DNA. The first survey of its kind, the results would help reveal the hidden story of our identity.

As with the testing of the three high profile Australians we had to ensure that the right protocols were in place. We sought expert opinion so that the entire process was managed ethically and to ensure that delicate issues including informed consent were appropriately dealt with.

By choosing six distinct ethnic groups — Greek, Chinese, Anglo-Celtic, Indian, Lebanese and Aboriginal, the census represented more than 90% of the Australian population, and delivers a snapshot of the nation's genetic ancestry.

We believe that the combination of the epic journey of genetic time travel undertaken by the three high profile Australians and the national 'census' has delivered a ground breaking documentary series. One that will change the way we think about Australia, the world and ourselves.

Could it be that we're not who we think we are?

## Contributor Biographies

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### IAN THORPE

Affectionately known to many as '*Thorpedo*', Ian Thorpe is Australia's most decorated Olympian, and one of Australia's favourite sons.

Ian started swimming when he was eight years old, and first grabbed world attention when he won the 1998 world 400m freestyle title in Perth, at 15 becoming the youngest ever swimming world champion. From that point onward Ian dominated middle distance swimming, and in the process has become one of the most prolific athletes the sport has even seen.

"Thorpey" broke 22 world records and won five gold, three silver and one bronze Olympic medals. Ian has also collected 11 World Championship titles, 10 Commonwealth Games gold medals and nine Pan Pacific titles.

Ian's sporting achievements have also given him international celebrity status. Ian has hosted and appeared on an abundance of television shows and has been the face of international events and the recipient of dozens of awards worldwide. The IAAF awarded him the 2001 American International Athlete Trophy as "The World's Most Outstanding Athlete", in 2002 he was voted by the Foreign Press as the best representative of Australian culture, attitude and ideals, and he was awarded the "2002 Australian Face Abroad Award". Ian received the 2003 Outstanding Male Athlete for the 24<sup>th</sup> Commonwealth Sports Awards, the Telstra Australian Swimmer of the Year from 1999 to 2003 inclusive, as well as being named Young Australian of the Year in 2000 and awarded a Medal of the Order of Australia, the Centenary Medal and the Australian Sports Medal.

From a young age, Ian was renowned for being highly articulate, generous and empathetic. In 2000 Ian established his own charity, Ian Thorpe's Fountain For Youth, which provides health and education programs and support for Aboriginal families. As a result of this work the Australian Human Rights Commission awarded Ian the 2012 Australian Human Rights Medal. Ian is also an Ambassador for Lifeline and AIME.

Outside the pool, Ian has pursued a number of ventures showcasing his passion for media, art, fashion, food and travel. Ian's recent projects include the publication of his autobiography, **This Is Me**, as well as a feature documentary entitled **The Swimmer** and his much revered tell-all interview with Sir Michael Parkinson, **Ian Thorpe: The Parkinson Interview**. Ian also received global acclaim for his role on the BBC's London 2012 Olympic swimming commentary team, and more recently with Channel TEN for the Glasgow Commonwealth Games broadcast.

Ian's professional approach to swimming, ability to deliver under pressure, humble attitude and integrity has earned him praise from his peers, the public and world leaders. At just 32 it is difficult to fathom how Ian has achieved so much, and yet has so much ahead of him.

## Contributor Biographies

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### ERNIE DINGO

Ernie Dingo has earned enormous respect as a performer capable of extraordinary versatility. His talents as an actor, television host, reporter and comedian have made him one of Australia's best known and most loved performers.

Prior to **DNA Nation**, Ernie's most recent television show was **Dingo Makes Tracks**.

In late 2012 he worked on the ABC series **Serangoon Road** which aired on the ABC in 2013. He also appeared in the episode of **Redfern Now** titled '**Dogs Of War**'.

In 1979, Ernie was offered the lead role in the play **Kullark** in Perth. His subsequent theatre work includes a national tour of Jack Davis' **The Dreamers**, a US tour of **State Of Shock** in 1985 (which also played in Sydney and at the National Playwrights' Conference in Canberra in 1984), the theatre production of **Bran Nue Dae**, **Tourmaline**, a visit to Poland with the Gardzienile Zubrycka Theatre Association as part of a Department of Foreign Affairs cultural relations program in 1987, and working as a stand-up comic at Sydney's Trade Union Club.

Ernie's first major television role was in **Tudawali** (1987) for which he received an Australian Film Institute (AFI) Award nomination for Best Actor in a Television Drama. He accepted on behalf of the production a Special Jury Prize at the Banff Television Festival in Canada.

His numerous other television credits include **The Cowra Breakout** (1984), **Dirtwater Dynasty** (1987), **Clowning Around** (1991), **A Waltz Through The Hills** (1987), for which he won an AFI Award for Best Actor in a Television Drama, the comedy series **Fast Forward** (1989), **The Flying Doctors** (1992), **Heartland** (1994) and the lavish Barron Entertainment production of **Kings In Grass Castles** (1996) based on the novel by Dame Mary Durack.

Ernie's film credits include **Dead Heart** (1996), **The Fringe Dwellers** (1985), **Crocodile Dundee II** (1987), **Tommy Tricker And The Stamp Traveller** (1987), **Capuccino** (1988), Wim Winder's **Until The End Of The World** (1990) and **Mr Electric** (1993), and his starring role in the successful feature film **Bran Nue Dae** (2009).

He was with the top rating Seven Network program **The Great Outdoors** from its beginnings in 1992. Ernie was also the host of **The World Around Us** on the Seven Network from 1998 until 2001, and has fronted numerous other Seven productions, including two Olympic specials and Melbourne's Comedy Gala. Other recent television productions are **Outback Wildlife Rescue** and **No Leave No Life**.

Ernie is a passionate advocate for his people and vigilant about the portrayal of Indigenous people in film and television. He has won numerous awards and accolades, and in 1997 was declared one of Australia's Top 100 "National Living Treasures".

In 1990, Ernie was awarded the General Division of the Order of Australia by Her Majesty the Queen. In 1994, he was voted "Aboriginal of the Year" by the NAIDOC Committee, and "Personality of the Year" by the Australian Caption Centre. In 2004 he was again recognised for his work when he was awarded the Deadly Award for 'Outstanding Contribution to Film and Television'.

He was also awarded the 1999 People's Choice Award for 'Favourite TV Presenter' – his fellow nominees in the category were Ray Martin, Daryl Somers and Bert Newton.

## Contributor Biographies

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### JULIA ZEMIRO

French born-Australian Julia Zemiro is an acting graduate of the Victorian College of the Arts (1993) and a trained improviser (Theatre Sports Inc, Flying Pig Theatre Co 1988-99).

Arguably best known for her work as host of the SBS hit TV program **RockWiz**, now in its 13th series, Julia's theatre, film and television work spans all genres from drama to comedy, improvisation to hosting.

Julia's hosting success continues with her own show (which she also co-produces) **Julia Zemiro's Home Delivery** now in its fourth series for the ABC, and her annual co-hosting of the **Eurovision Song Contest**.

Guest appearances include **QI**, with Stephen Fry and Alan Davies filmed in London, **Stop Laughing...this is serious** and **Room 101**. Julia has also appeared on **Agony Aunts**, **Thank God You're Here**, co-hosted **What A Year** with Bert Newton, taken out the title of Australia's Brainiest TV Star, and worked on **Good News Week** and **Totally Full Frontal** as a writer/performer.

She appeared in the award winning mini-series **An Accidental Soldier**, directed by Rachel Ward, and the acclaimed television series **Conspiracy 365**.

Her theatre performances include **Cyrano de Bergerac** for the Sydney Theatre Company, **Love Song** for the Melbourne Theatre Company, **Goodbye Vaudeville** **Charlie Mudd** for Malthouse Theatre, touring with The Bell Shakespeare Company, and national seasons of the musical improvisation comedy gem **Spontaneous Broadway**.

Julia performed the world premiere of **Julia Zemiro's Comfort Zone** for the Adelaide Arts Festival, and has hit the road with **RockWiz Live** touring show every year for the past five years.

JJ Julia also works as a corporate host and MC for a wide variety of charity and corporate events. Julia's writing contributions include guest articles for numerous press and magazine publications.

## Narrator Biography

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### COLIN FRIELS

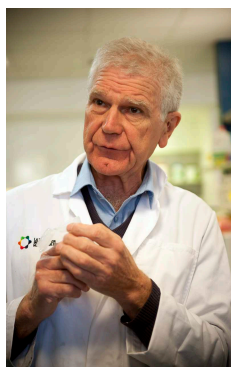
One of Australia's best-known actors, Colin Friels has extensive film credits including **The Eye of the Storm**, **Monkey Grip**, **A Good Man in Africa**, **Cosi** alongside Toni Collette, **The Man Who Sued God** opposite Judy Davis and Billy Connolly, **Malcolm**, **A Heartbeat Away**, **Tomorrow When The War Began**, **Matching Jack**, **The Informant**, **The Nothing Men**, **Tom White** and Alex Proyas' sci-fi thriller **Dark City**.

In television Colin is known for his performances in **Halifax FP**, **Water Rats**, **Blackjack**, **Killing Time**, **Wild Boys**, **Jack Irish: Bad Debts** alongside Guy Pearce, and **Schapelle**.

Colin has worked extensively in theatre for all major theatre companies, most recently in his award winning role in **Red** for the Melbourne Theatre Company.

## Series Consultant

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### **DR JOHN MITCHELL : Human Geneticist**

Dr John Mitchell has been studying aspects of human genetic variation ever since he graduated from the University of Durham in the United Kingdom, in 1968. His initial research was on the genetics of various regional populations of the British Isles, including those on the Isle of Man, Cumbria and Ireland. After 2 years of postdoctoral research at the University of Newcastle (UK) he moved to the Australia and joined the Genetics and Human Variation Department at La Trobe University, Melbourne. For 40 years he has taught at every undergraduate level and supervised many Masters and PhD students.

Since 2000 he has focused on studying Y chromosome variation in human populations across the world. This research has involved collaboration with colleagues in the USA, the Universities of Leicester, Cambridge and Oxford in the UK, and centres in The Netherlands, Italy and Croatia. His research findings have been published in international journals of note such as *PNAS*, *Current Biology* and *American Journal of Physical Anthropology* among others. His research has been supported by grants from the Australian Research Council (ARC) and the National Health and Medical Research Council (NHMRC), among others. In 2006 he was invited to join the international research project called "The Genographic Project". This was a 6 year worldwide study aimed at understanding the origins of our species in Africa, and the subsequent spread of modern humans over the planet during the last 100,000 years using DNA markers, especially the Y chromosome, in living people.

His other major research interest has been the application of DNA in forensic science. This research has been a 20+ year collaboration with Dr Roland van Oorschot of the Victorian Police Forensic Services. He has published over 40 papers on this research in international journals including *Forensic Science International* and *Forensic Science International – Genetics* and *International Journal of Legal Medicine*. Over the last 30 years he has advised defence lawyers on matters of DNA in criminal cases, and having given evidence in over 40 trials he is accepted as an expert witness on DNA in all states of Australia.

## The Journey

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### TANZANIA

Ernie, Julia and Ian's epic journey begins in Sub Saharan Africa - the place where humankind was born. On the banks of Lake Eyasi in the north of the country live the world's last hunter-gatherers - the proud Hadzabe people. Genetically the Hadzabe are as close as our trio will ever get to their ancient ancestors who left Africa to populate the rest of the world.

### KENYA

After experiencing life as nomadic hunter-gatherers, Ian, Julia and Ernie embark on the next stage of their journey, tracing their maternal lineage back to shared common ancestors in Africa 70,000 years ago. Here our trio meet one of the most famous anthropologists of all time, the man who discovered the earliest evidence of modern humans.

#### Interviewee: Dr Richard Leakey (Ep 1)

Richard Leakey was born in Nairobi, Kenya. His father and mother, Louis and Mary Leakey, were distinguished paleontologists who had pioneered the archaeological exploration of the Great Rift Valley of East Africa. The second of three brothers, Richard Leakey spent his childhood trailing after his parents on archaeological digs, searching for the fossils of extinct species and human ancestors.

His paleoanthropology work involved not only field research and discoveries but also many years serving as the director of the National Museums of Kenya (NMK). Work at Koobi Fora began after a chance landing in the area led Richard to believe that the area held a wealth of fossil deposits.

Together with a team from the NMK, Richard led the first expedition to Koobi Fora in 1968. Between 1968 and 1989 he coordinated the NMK field expeditions to the eastern and western shores of Lake Turkana. With the team of talented and experienced fossil hunters led by Mr. Kamoya Kimeu, many important finds were made, including early stone age tools dating to around 1.9 million years old, evidence of early members of the genus *Homo*, including skulls of *Homo habilis* and *Homo erectus*, and remains of robust australopithecines *A. boisei* and *A. aethiopicus*.

The extraordinary discovery of the nearly complete 1.6 million year old skeleton of the "Nariokotome Boy" (or "Turkana Boy"), a *Homo erectus* youth, was undoubtedly the most important of these discoveries.

## The Journey

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### OMAN

Archaeologist Dr Jeff Rose and his team of geologists and archaeologists have gathered more than 800 artefacts from ancient riverbeds in the Dhofar Mountains. Jeff calls them "a trail of stone breadcrumbs," strewn by a group of Homo sapiens from the Nile Valley to Arabia. These 106,000-year-old stone tools may be the smoking gun that will help Julia, Ernie and Ian understand how early modern humans migrated from Africa across the Red Sea to Arabia.

#### Interviewee: Dr Jeffrey Rose (Ep 2)

Dr. Jeff Rose is a prehistoric archaeologist specialising in the prehistory of the Arabian Peninsula. His areas of interest touch upon a variety of subjects, including modern human origins, the Neolithic revolution, stone tool technology, human genetics, rock art, geoarchaeology, underwater archaeology and comparative mythology.

He holds a BA in Classics, a MA in Archaeology from Boston University, and a MA and PhD in Anthropology from Southern Methodist University in the United States.

Over the past 27 years Jeff has conducted archaeological fieldwork in North America, Wales, Ukraine, Israel, Portugal, Yemen, the United Arab Emirates, Oman, and Qatar. Since 2002, he has directed the Dhofar Archaeological Project in southern Oman. His research on modern human origins was featured in documentary series for BBC1, BBC2, PBS, Arte, and National Geographic Channels. Jeff has also worked as a history and religion host and expert on television shows for BBC2, Smithsonian, Spike TV, and National Geographic.

### ISRAEL

Seven years ago construction workers in western Galilee, digging a sewer trench with a bulldozer, accidentally uncovered a huge cave. The discovery of a partial human skull at Manot Cave was the first physical evidence supporting the 'Out of Africa Theory' – the belief that modern humans left Africa over 70,000 years ago. Groundbreaking findings also confirmed that for many years modern humans co-habited and interbred with their Neanderthal neighbours.

#### Interviewee: Prof Israel Hershkovitz (Ep 2)

Head of the Dan David Laboratory for the Search and Study of Modern Humans, and Professor of Anatomy and Anthropology at the Sackler Faculty of Medicine, Tel Aviv University.

Professor Hershkovitz is the chief anthropologist and leader of the research team which, in 2008, unearthed a 55,000 year old skull at Manot Cave in Israel's western Galilee - an important anthropological discovery linking the origin of anatomically modern *Homo sapiens* to the Neanderthal.

During the last 30 years, Professor Hershkovitz has been actively involved in the excavation and study of many historic and prehistoric skeletal populations of Israel. His other major scientific activities are in the field of biohistory, osteobiography, evolutionary medicine and human evolution.

## The Journey

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### TURKEY

Çatalhöyük, a unique UNESCO world heritage site in central Turkey, sits in the middle of the Fertile Crescent, a region stretching from present day Lebanon to northern Iran. Humankind's ability to tend crops, herd animals and provide a year round food supply fundamentally altered the dynamic of human migration, and marks the end of the Stone Age and the beginning of a revolution in human history.

#### Interviewee: Dr Ian Hodder (Ep 2)

In 1999, Dr Ian Hodder joined the Department of Cultural and Social Anthropology at Stanford University. Dr. Hodder is currently the Dunlevie Family Professor.

Professor Hodder has been conducting the excavation of the 9,000 year old Neolithic site of Catalhoyuk in central Turkey since 1993. The 25-year project has three aims - to place the art from the site in its full environmental, economic and social context, to conserve the paintings, plasters and mud walls, and to present the site to the public. The project is also associated with attempts to develop reflexive methods in archaeology.

Among his publications are: *Symbols in Action* (Cambridge 1982), *Reading the Past* (Cambridge 1986), *The Domestication of Europe* (Oxford 1990), *The Archaeological Process* (Oxford 1999), *Catalhoyuk: The Leopard's Tale* (Thames and Hudson 2006), and *Entangled. An archaeology of the relationships between humans and things* (Wiley and Blackwell, 2012).

### KYRGYZSTAN

The ancient hunter-gatherers of the Eastern Steppes adapted to the expansive landscapes of their region by capitalising on their newfound mastery of the horse.

These 'cowboys of the East' led to an eventual expansion into the greener pastures of western Europe, giving rise to a lineage which has become the most dominant paternal lineage in modern Western Europe today.

### INDIA

Isko, a small Munda village 30 kms from Hazaribagh in Jharkhand state, is famous for its rock paintings dating back to the mid-Stone Age. Its existence confirms that ancient civilisations had once thrived in the rocky plains of the Jharkhand, and its people share a direct genetic link with Aboriginal Australians.

## **The Journey**

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### **SARDINIA**

On the beautiful Mediterranean island of Sardinia, off the west coast of Italy, geneticist Pierre Zalloua explains what made our seafaring Phoenician ancestors so remarkable. Credited as the inventors of written language, the Phoenicians used their extensive maritime trade routes to spread their alphabet across many of the Mediterranean cultures.

#### **Interviewee: Dr Pierre Zalloua (Ep 3)**

In 2013, Dr Zalloua was appointed Dean of Graduate Studies and Research at the Lebanese American University in Beirut.

An accomplished geneticist, writer and lecturer, Dr. Zalloua is a leading authority on the genetics of complex diseases in and among Middle Eastern populations. Dr. Zalloua has also conducted extensive research on the genetic links between various Middle Eastern and Mediterranean populations.

Recently, he has started to work in the field of population patterns of human migrations using DNA. He is currently leading an investigative team that will obtain DNA samples from indigenous populations in the Middle East and North Africa to study their genetic commonalities. This study is part of what is known as the Genographic Project (made possible by a grant from the National Geographic Society over the period 2006-2010).

### **THE ISLE OF LEWIS, SCOTLAND**

In the remote Outer Hebridean island of Lewis, Anna Mairi Smail takes us to her old family home, now preserved as a museum – the Blackhouses of Arnol. The design and construction of these remarkable houses originate several thousand years ago. It's very possible that our ancient ancestors would have lived here.

### **DEVON, ENGLAND**

Nestling deep in the South Hams, at the mouth of the river Avon, lies the fishing village of Bantham. Bantham was first documented as a port selling tin to the Gauls during Roman times. Now it is home to Clare McKillop, sail maker and genetic cousin to one of our intrepid explorers.

## The Journey

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### TIMOR LESTE

In 2006, Dr Sue O'Connor uncovered thousands of pelagic fish bones together with one of the world's oldest fishing hooks in an overgrown cave. The fact that ancient humans were catching this type of sea life indicated that they were capable of navigating and crossing long distances on the open sea. Sometime around 50,000 years ago, a group set sail from the island we now know as Timor Leste... they would become the First Australians.

#### **Interviewee: Dr Sue O'Connor (Ep 3)**

Sue began her career in archaeology at the University of New England where she gained First Class Honours in 1980. She was awarded her PhD from the University of Western Australia in 1991.

Her research interests include the maritime colonisation of Australia and southeast Asia, and the links between the people and cultures of these regions, interactions between humans and their environment, coastal and island archaeology, the Neolithic transition in southeast Asia and technological change, innovation and transmission theory.

Fieldwork for this research takes her to remote locations such as Arnhem Land, the Kimberley, Indonesia, Papua New Guinea and Timor Leste. Her collaborators come from a diverse range of disciplines and local communities leading to innovative research, which is reflected by a succession of research grants and outstanding publication record. Sue's ongoing work in Timor Leste has led to major rethinks on our understanding of cultural/technological transmission between Papua New Guinea/Island Melanesia and Island southeast Asia in the early to mid-Holocene period. In 2011, Sue was the recipient of the prestigious Rhys Jones Medal for Outstanding Contribution to Australian Archaeology.

## Producer Biographies

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### JACOB HICKEY : Producer & Writer

Jacob started his career in BBC current affairs and worked on many award-winning projects, including hard-hitting investigations, primetime observational documentaries and historical series. After almost ten years at the BBC, Jacob moved to Melbourne.

In 2009 Jacob wrote and directed **Inside the Firestorm**, a feature length documentary for the ABC telling the story of Australia's worst bushfire disaster 'Black Saturday'. The documentary won Jacob the 2010 AFI Award for Best Direction in a Documentary.

Jacob's next project was **Immigration Nation**, on which he was both series producer and director. The 3 part documentary was broadcast on SBS in January 2011, and nominated for Best Factual Series at the 2011 AACTA Awards. Jacob then took up the post of series producer and writer on **Once Upon a Time in Cabramatta**. The high profile series for SBS told the dramatic and tumultuous story of the Vietnamese community synonymous with the western Sydney suburb. The production attracted one of the biggest audiences ever for an SBS documentary, received great critical acclaim, and won Gold and Silver Medals at the New York Film Festival's International Television and Film Awards. 2012 saw Jacob series producing, directing and writing **Dirty Business – How Mining Made Australia**. The SBS series told the remarkable story of an industry that has shaped the nation for more than 150 years.

In July 2013 Jacob joined Blackfella Films in Melbourne as Head of Factual, responsible for the development and production of the company's factual slate.

Jacob was the writer and series producer of **First Contact** which screened on SBS in late 2014. The series attracted a total audience in excess of two million, received critical acclaim and won the 2015 TV Week Logie Award for Most Outstanding Factual Program. A further series of **First Contact** is in production for SBS in 2016.

Jacob's most recent projects are **DNA Nation**, the 3 part science documentary series for SBS which will be broadcast in 2016, and executive producer of the feature documentary **Deep Water**, also in production in 2016, which explores the epidemic of gay hate crime in Sydney in the 1980s and 1990s.

## Producer Biographies

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### DARREN DALE : Producer

Darren has been a company director of Blackfella Films, Australia's premier Indigenous production company, since 2000.

In 2008 Darren, together with Rachel Perkins, produced the landmark multi-platform history series **First Australians**, broadcast on SBS to over 2.3 million viewers and accompanied by an internationally acclaimed interactive website. Amongst the many accolades for **First Australians** were AFI, TV Week Logie, AWGIE and Australian Director's Guild Awards. The 2010 SBS documentary **Lani's Story** was the recipient of a United Nations Media Peace Award, the second consecutive year Darren was awarded this prize.

In 2011, Darren produced the feature documentary **The Tall Man** for SBS, based on the award-winning book by Chloe Hooper. Premiering at the 2011 Adelaide Film Festival, the film screened at the Toronto International Film Festival (TIFF) and the International Documentary Film Festival Amsterdam (IDFA). **The Tall Man** received the AWGIE Award for Best Broadcast Documentary and the inaugural Walkley Award for Documentary, and was released theatrically by Hopscotch Films.

The acclaimed telemovie **Mabo**, produced for the ABC, screened at the Sydney Film Festival in 2012 as a Special Presentation ahead of its national broadcast to commemorate the 20<sup>th</sup> anniversary of the landmark High Court decision.

In collaboration with Emmy Award-winning UK writer Jimmy McGovern and Miranda Dear, Darren has produced two series of the ground breaking **Redfern Now** for the ABC, the first drama series on Australian television to be written, produced and directed by Indigenous Australians. In 2013 and 2014 it won the Logie Award for Most Outstanding Drama series, and in 2014 the AACTA Award for Best Television Drama Series, among numerous other nominations and accolades. A final telemovie instalment of **Redfern Now** was broadcast in 2015.

In 2014 Darren produced **First Contact**, a 3 x 52 minute documentary series for SBS which generated outstanding ratings, audience response, media attention and critical acclaim. **First Contact** received the 2015 TV Week Logie for Most Outstanding Factual Program. A further series is in production in 2016.

He was Executive Producer on the ABC3 children's television series **Ready for This**, winner of the 2015 AACTA Award for Best Children's Television Series.

For SBS in 2016 Darren is currently producing a feature documentary and a 4 part crime drama series, both titled **Deep Water**.

Blackfella Films has several documentary and drama projects in development including **Grand Days**, the adaptation of the Frank Moorehouse 'Edith Trilogy' in development for Foxtel.

With his Blackfella Films business partner, Rachel Perkins, Darren co-curated the film program for the **Message Sticks Indigenous Festival** at the Sydney Opera House from 2002 until 2011, and in 2012 presented the curated program of Indigenous films **Blackfella Films Presents** in partnership with the Sydney, Melbourne and Brisbane International Film Festivals.

Darren currently serves on the board of Sydney Festival and the Council of the Australian Film, Television and Radio School, and in 2012 was the recipient of the prestigious AFTRS Honorary Degree.

## Key Crew Biographies

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### **BERNICE TONI : Series Producer**

Bernice has over fifteen years experience in television production, principally documentary, factual and entertainment. Her series producer credits include **Who Do You Think You Are?**, **Taboo** and **The New Inventors**. She was a producer on several Zapruder's Other Films productions including **Angels & Demons**, **Enough Rope with Andrew Denton** and **The Gruen Transfer**. As a casting producer she has secured prominent Australian celebrities, and compelling members of the public for programs such as **Go Back To Where You Came From**.

Bernice has gained a strong track record in producing engaging, revealing and memorable stories for Australian audiences. She has produced television for SBS, ABC, National Geographic America, the Ten Network and subscription television broadcasters. As a director she has filmed in Asia, Europe and North America. Programs she has produced have been exhibited at high profile television and film festivals across the globe and won numerous awards.



### **BRUCE PERMEZEL : Director**

Bruce Permezel is a multi-skilled television maker - director, cinematographer, editor and producer.

Coming from a publishing and graphics background, Bruce entered the industry as a video editor, cutting music videos and commercials. In 1993 he moved to broadcast television, working as a director on the ground breaking ABC youth current affairs show **Attitude**.

After that Bruce worked with both the ABC and numerous independent production houses developing and directing television programs. He also continued to work as an editor and gained skills as a cinematographer.

Bruce's projects have aired prime-time across all major networks, as well as being sold internationally. In 2006 he directed the observational series **Choir of Hard Knocks**, still known for winning the hearts of TV viewers across the nation.

His extensive output includes adventure travel (**Peking to Paris**, **Pirate Patrol**), natural history (**Possum Wars**, **Chris Humfrey's Wild Life**), lifestyle (**Bill's Holiday**), comedy (**The Games**, **Hessie's Shed**), current affairs (**Attitude**), documentary series (**Sporting Nation**, **The Problem with Men**, **Bodyline**, **Making Australia Great**) and observational series (**Choir of Hard Knocks**, **Jail Birds**).

## Key Crew Biographies

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### **SIMON MORRIS : Director of Photography**

Simon began making films at the early age of 12, shooting his friends in small short film roles on his grandmother's VHS camera, then cutting them together with two VCRs. Simon later moved on to splicing reels of film as a projectionist, always pursuing his passion for cinematography and filmmaking.

Since then, Simon has become an established Director of Photography in the Australian film and TV industry with experience in commercials, feature drama, documentaries and shorts. Notable recent works include the feature documentary **Tender** (directed by Lynette Wallworth and produced by Kath Shelper), which screened at many festivals including the Sydney, Adelaide, New York and London BFI Film Festivals, receiving rave reviews. **Tender** also went on to win the 2015 AACTA Award for Best Television Documentary.

Other notable works include two series of the 3 part ABC1 documentary series **Changing Minds** (directed by Cian O'Clery for Northern Pictures), which set out to de-stigmatize and shed light on mental health issues in Australia. It was shot in the mental health wards of Liverpool and Campbelltown Hospitals in Sydney, a first of its kind in Australia. It went on to be nominated for the 2015 LOGIE Award for Best Factual Television Series.

Simon's scripted drama works include various short films, notably **My Constellation**, which was a Tropfest 2013 finalist. It went on to screen at the 2014 Toronto International Film Festival (TIFF) Kids, and won a silver award from the Australian Cinematographers Society. The Screen Australia funded short film **Alone** (directed by Erin Good and produced by Belinda Mravacic) screened at the 2015 St Kilda Short Film Festival and received a nomination for Best Cinematography amongst numerous other awards.

Simon continues to have a driving passion for visual storytelling with a cinematic style.

## Key Crew Biographies

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### STEVEN ROBINSON ASE : Editor – Episodes 1 & 3

Steven Robinson is an award winner editor who divides his time between documentary and drama, features and television. He won the 2010 AACTA Award for Best Editing on **Inside the Firestorm**, and Australian Screen Editors (ASE) Guild Awards for Best Editing on the documentary series **Choir of Hard Knocks**. He has been nominated four times for ASE Best Editing Awards.

Some of the films he has edited include **Putuparri** (feature documentary), **Kath & Kimderella** (feature film), **It's a Date** (comedy series), **Dirty Business** (SBS documentary series), **MDA** (Winner Best Television Drama Series AFI Awards 2003), **The Ball** (AACTA Nominated), **Frank & Jerry** (comedy feature), **Gallipoli from Above** (docudrama), **Bed of Roses** Series 2 & 3 (drama series), the documentary **The Trial** (also co-writer), **Monash the Forgotten Anzac** (docudrama), **Menzies & Churchill at War** (docudrama), **Kath & Kim** Series 1 to 4 (AFI winner), **Eye of the Storm: Monsoon** (Winner Chicago International Television Festival), **Charles Bean's Great War** (docudrama), **Outback House** (documentary series), **Something in the Air** (Winner Best Episode in a Television Drama Series), **Silver Sun** (children's drama series), **Bushfire Summer** (documentary), the documentary series **Dusty: Little By Little** (also Associate Producer), **The Art of Bill Henson** (documentary), and **Whatever Happened To That Guy?** (comedy series).

Steven has been on the pre-selection panels for both the Melbourne International Film Festival and the AACTA Awards. This is Steven's fifth collaboration with producer Jacob Hickey in six years.



### MARK ATKIN ASE : Editor – Episode 2

Mark Atkin is one of Australia's leading editors and filmmakers. For more than 25 years Mark has edited a wide range of productions including TVCs and award winning films including the telemovies **Only the Brave** and **Force of Destiny**, the television dramas **Saved**, **Nowhere Boys: The Book of Shadows**, **Seachange**, **MDA**, **The Slap**, **Mrs Biggs** and **Glitch**, and the documentary programs **Two Mums and a Dad**, **The Sounds of Aus**, **Immigration Nation**, **Jabbed** and **First Contact**.

In 2004, in recognition of excellence in screen editing, Mark received accreditation from the Australian Screen Editors Guild. In 2012, Mark won an "Elle" (ASE award) for Best Editing in a Television Drama for **The Slap**. In 2014, he won the AACTA Award for Best Editing in Television for the mini series **Mrs Biggs**.

## Key Crew Biographies

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### **MATTEO ZINGALES : Composer**

Award-winning composer Matteo Zingales is recognized as one of this generation's creative leaders in original composition for film, television and new media. Matteo writes evocative original music for film and television.

His recent projects include the US ABC prime-time TV thriller **Secrets & Lies**, feature film **99 Homes**, feature documentary **The Lost Aviator** and music for the 2015 Australian launch of Netflix.

In addition to film, Matteo has composed music for more than 300 episodes of award-winning TV series including **Redfern Now**, **Better Man**, **Secrets and Lies**, **Winners and Losers** and the long-running **All Saints**.



### **ANTONY PARTOS : Composer**

Antony Partos is one of Australia's most awarded film composers.

His passion lies in creating scores that blend both acoustic and electronic elements alongside an eclectic mix of exotic instruments. His feature film credits include **Animal Kingdom** (AFI Award for Best Feature Film Score) **The Rover**, **Disgrace**, **The Home Song Stories**, (AFI Award for Best Feature Film Score) and **Unfinished Sky** (AFI Award for Best Feature Film Score).

His evocative scores for TV Drama include **The Slap** (Australian Guild of Screen Composers - AGSC - Award for Best TV Theme), **Mabo** (AGSC Award for Best Telemovie Score), **Rake** (AGSC Award for Best Music in a TV Series and Best Song for a TV drama), **Redfern Now** (AACTA Award for Best Music Score in Television). Recent projects include the American feature film **99 Homes**, the epic feature documentary **Sherpa** (AACTA Award for Best Original Music Score for a Documentary and AGSC Screen Music Award for Best Original Music for a Documentary) alongside Australia's most popular drama series **Love Child**.

## Blackfella Films Company Profile

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For over twenty years Blackfella Films has created innovative and high quality content across factual and drama in both series and feature formats for theatrical, television and online platforms. Its award winning productions have screened at the premier international film festivals including Sundance, Berlin and Toronto, and distinguished its team as creators and curators of distinctive Australian content.

The company was founded in 1992 by writer/director/producer **Rachel Perkins** who was joined by producer **Darren Dale** in 2002. In 2010 Blackfella Films was a recipient of Enterprise funding from Screen Australia and former ABC Television Head of Drama Miranda Dear joined Blackfella Films as a producer with a brief to develop the company's drama slate. In 2011 Rachel Perkins and Darren Dale as directors of Blackfella Films were ranked number 16 in the **Encore Power 50**. In 2013 producer Jacob Hickey was appointed Head of Factual, based in the company's Melbourne office.

A standout achievement for the company was the award-winning 7 part documentary series **First Australians**. The landmark multi-platform history series, broadcast on SBS Television to over 2.3 million viewers, was accompanied by an internationally acclaimed interactive website. **First Australians** was awarded Australia's top honours for documentary including the Australian Film Institute (AFI) and IF Awards, the UN Media Peace Prize, TV Week Logie and Australian Writers and Directors Guild Awards. **First Australians** has sold throughout the world, and is the highest selling educational title in Australia.

The feature documentary **The Tall Man**, produced by Darren Dale with executive producer Rachel Perkins and directed by Tony Krawitz, received the inaugural Walkley Award for Documentary and was nominated for four Australian Academy of Cinema and Television Arts (AACTA) Awards including Best Feature Documentary. It screened at the Toronto Film Festival in 2011, was released in cinemas nationally by Hopscotch/eOne, and broadcast on SBS Television in 2012.

**The Tall Man** was followed by the telemovie **Mabo** for ABC1, produced by Darren Dale and Miranda Dear and directed by Rachel Perkins, featuring Jimi Bani as Eddie Koiki Mabo and Deborah Mailman as his wife Bonita. It was broadcast on ABC1 in June 2012 to mark the 20th anniversary of the landmark High Court decision on native title. Among numerous accolades, writer Sue Smith received the 2012 AWGIE for Best Original Telemovie Screenplay and Deborah Mailman received the 2013 TV Week Logie Award for Most Outstanding Actress.

In 2012 Blackfella Films also completed production on the groundbreaking 6 x 1 hour ABC drama series **Redfern Now**, developed in collaboration with renowned UK scriptwriter Jimmy McGovern as Story Producer. The series was the first Australian drama series written, directed and produced by Indigenous Australians, and was invited to participate in both the FIPA and Series Mania television festivals in 2013. A further series of 6 x 1 hour episodes was produced in 2013, and a final telemovie instalment of **Redfern Now**, directed by Rachel Perkins and featuring Wayne Blair, Deborah Mailman, Warriwuy Hick and Anthony Hayes, screened on ABC1 early in 2015 to great critical acclaim.

**Redfern Now** has received an extraordinary level of critical and popular acclaim, including the 2013 and 2014 TV Week Logie Award for Most Outstanding Drama Series and the 2014 AACTA Award for Best Television Drama Series. In 2013 writer Steven McGregor received the AACTA Award for Best Screenplay in Television and Leah Purcell received the AACTA Award for Best Lead Actress in a Television Drama, and in 2014 composer Antony Partos received the AACTA Award for Best Original Music Score in Television. Director Rachel Perkins also received Australian Directors Guild (ADG) Awards for Best Direction in a TV Drama Series in consecutive years in 2013 and 2014 for her work on the series.

In 2014 Blackfella Films produced the 3 x 1 hour factual series **First Contact** for SBS which won the 2015 TV Week Logie Award for Most Outstanding Factual Program. The series garnered national attention and acclaim for its treatment of contemporary Australian attitudes towards Indigenous Australians. A further series is in production.

The recently released 14 x half hour teen drama series for ABC3 **Ready For This**, a co-production with award winning **Dance Academy** producer Joanna Werner, received the 2015 AACTA Award for Best Children's Television Series.

Recently completed is the 3 x 1 hour factual series for SBS **DNA Nation**.

In production are a multiplatform event for SBS titled **Deep Water** - comprised of a 4 x 1 hour drama series, a feature documentary and complementary online programming.

Blackfella Films has an extensive slate of television drama and factual programming in development, including **Grand Days** - the adaptation of Frank Moorhouse's 'Edith Trilogy' of novels for Foxtel.

## End Credits : DNA Nation Episode 1 Duration 30 seconds

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### 1 Full frame

With

ERNIE DINGO  
IAN THORPE  
JULIA ZEMIRO

---

### 2 Full frame

Series Consultant  
DR JOHN MITCHELL

---

### 3 Full frame

Narrator  
COLIN FRIELS

---

### 4 Full frame

<i>Location Director</i>	BRUCE PERMEZEL
<i>Series Producer</i>	BERNICE TONI
<i>Location Producer</i>	RONAN SHARKEY
<i>Line Producer</i>	LAVINIA RIACHI
<i>Production Coordinator</i>	ROBYN YOUNG

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### 5

<i>Director of Photography</i>	SIMON MORRIS
<i>Editor</i>	STEVEN ROBINSON, ASE
<i>Composer</i> <i>Titles Theme</i>	MATTEO ZINGALES & ANTONY PARTOS

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### 6

<i>Drone Photography</i>	DALE COCHRANE
<i>Sound Recordist</i>	PATRICK SLATER
<i>Researchers</i>	ANNA JEFFRIES LIZ KAYDOS
<i>Development Researcher</i>	JESSICA GRYNBERG
<i>Factual Researcher Intern</i>	SIMON ROSE
<i>Production Accountant</i>	KATE MURPHY

<i>Location Liaison</i>	
<i>Tanzania</i>	GEORGE MAVROUDIS, ROYAL AFRICAN SAFARIS
<i>Kenya</i>	JEAN HARTLEY, VIEWFINDERS

<i>Risk Assessment</i>	HART INTERNATIONAL
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<i>Additional Photography</i>	BRUCE PERMEZEL
<i>Additional Sound Recording</i>	MARK RODGERS RICHARD BOXHALL TERRY CHADWICK DAVID SPINNER
<i>Additional Location Direction</i>	PETRIS TORRES GEOFFREY SMITH

<i>Post Production Supervisor</i>	JANE MAGUIRE
<i>Assistant Editor</i>	SALLY BIASIUTTI
<i>Offline Editing Facility</i>	UNCUT PICTURES
<i>Audio Post Production</i>	SOUNDWAVES / SONAR SOUND
<i>FX Editor</i>	LUKE MYNOTT
<i>Additional FX Editors</i>	DYLAN BARFIELD BELINDA TRIMBOLI
<i>Dialogue Editors</i>	EMMA FRANZ PETAR RISTIC ANDREW McGRATH
<i>Narration Recordist</i>	BELINDA TRIMBOLI
<i>Foley</i>	JOHN SIMPSON
<i>Re-Recording Mixer</i>	ANDREW McGRATH

<i>Score Recorded &amp; Produced at</i>	SONAR MUSIC
<i>Post Production Facility</i>	DDP STUDIOS
<i>Post Production Producer</i>	BRONWYN KETTLES
<i>Colourist</i>	DEIDRE McCLELLAND
<i>Online</i>	CLAUD LIUCCI
<i>DNA testing</i>	FAMILY TREE DNA
<i>Title Design &amp; Graphics</i>	VISUAL PLAYGROUND
<i>Hadzabe Translation</i>	MUSA HERY
<i>Subtitles</i>	SBS AUSTRALIA
<i>Post Production Script</i>	REEZY MILLER SCRIPT SERVICES
<i>Legals</i>	VERGE WHITFORD & CO, CAROLINE VERGE
<i>Insurance Broker</i>	MOONEYS INSURANCE BROKERS, DAVID MANSLEY
<i>Travel Services</i>	TAG AUSTRALIA, ALLI PRATT

	For BLACKFELLA FILMS
<i>Head of Factual</i>	JACOB HICKEY
<i>Business Affairs</i>	HELEN LOVELOCK
<i>Financial Controller</i>	LEAH HALL
<i>Office Managers</i>	HAYLEY JOHNSON HANNAH SMITH

	For SBS
<i>SBS Commissioning Editor</i>	JOSEPH MAXWELL

*Business Affairs Manager* SOPHIE COOKE  
*Production Supervisor* HEATHER OXENHAM  
*Production Coordinator* LEIGH HUMBERDROSS  
*Senior Lawyer* THEO DORIZAC

For SCREEN AUSTRALIA  
*Investment Manager, Documentary* LISA DUFF

For FILM VICTORIA  
*Development & Investment Manager* JENI McMAHON

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Archival footage & stills courtesy of

AUSTRALIAN BROADCASTING CORPORATION  
BLACKFELLA FILMS  
BRAN NUE DAE courtesy of Robyn Kershaw Productions & Mayfan  
FAIRFAX SYNDICATION  
GETTY IMAGES  
NATHAN TOMLINSON  
NATIONAL ARCHIVES OF AUSTRALIA  
RENEGADE FILMS AUSTRALIA  
JULIA ZEMIRO

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The Producers wish to thank

CATAHÖYÜK RESEARCH PROJECT

DEPARTMENT OF PARKS AND WILDLIFE - KALBARRI, WA

LA TROBE UNIVERSITY, INSTITUTE OF MOLECULAR SCIENCES

MANOT CAVE - BEN GURION UNIVERSITY, TEL AVIV UNIVERSITY, ISRAEL ANTIQUITIES AUTHORITY,  
CASE WESTERN RESERVE UNIVERSITY, THE DAN DAVID CENTRE FOR HUMAN EVOLUTION AND BIOHISTORY RESEARCH

TURKANA BASIN INSTITUTE, STONY BROOK UNIVERSITY

TURKISH MINISTRY OF CULTURE AND TOURISM

WAVERLEY COUNCIL, NSW

WEST KIMBERLEY FOOTBALL ASSOCIATION, WA

FRANQUE BATTY MILENA GOZZO  
SHEILA VAN HOLST PELLEKAAN PANEETA SCHWINGHAMER  
JUDY SABA LILY TAN  
ELIZA TIVENDALE

14

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DR JOHN MITCHELL  
CLAUDE ZEMIRO  
MARIAM ANYAWIRE  
DR JASON E LEWIS  
DR RICHARD LEAKEY  
WILL ERSKINE  
LISA MANN

SUE MUGGLETON  
CARSTEN PRIEN  
PROFESSOR MARCIA LANGTON  
PROFESSOR IAN ANDERSON  
MICK GOODA  
KATE GORDON  
ALASTAIR McKINNON

THE HADZABE PEOPLE OF TANZANIA

15 Full frame

Filmed on the lands of  
NANDA, WAJARRI, BARDI & JUKUN PEOPLE OF WESTERN AUSTRALIA  
WATHAURONG & WURUNDJERI PEOPLE OF VICTORIA  
GADIGAL & GANDANGARA PEOPLE OF NEW SOUTH WALES

16 Full frame

Writer  
JACOB HICKEY

Producers  
DARREN DALE & JACOB HICKEY

17 End contractual cards as per PIA –full  
frame

Blackfella Films acknowledges the support of  
Screen Australia's Enterprise Program

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Factual Researcher Indigenous Internship supported by  
Film Victoria & the SBS Traineeship Program

19

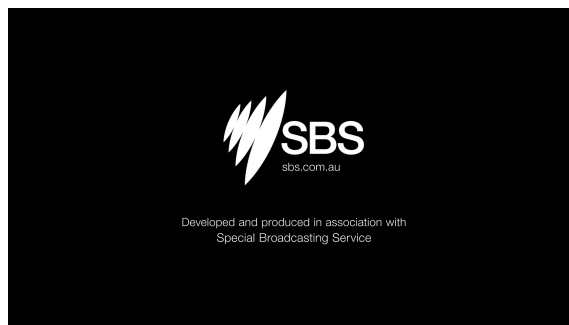
Financed in association with Fulcrum Media Finance

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Developed and Produced with the assistance of



21



22

A Blackfella Films Production



blackfella films

23

A National Documentary Program



**Australian Government**



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[www.sbs.com.au/dna](http://www.sbs.com.au/dna)

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ISAN 0000-0004-1BF6-0001-Z-0000-0001-4

## End Credits : DNA Nation Episode 2 Duration 30 seconds

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### 1 Full frame

With

ERNIE DINGO  
IAN THORPE  
JULIA ZEMIRO

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### 2 Full frame

Series Consultant  
DR JOHN MITCHELL

---

### 3 Full frame

Narrator  
COLIN FRIELS

---

### 4 Full frame

*Location Director* BRUCE PERMEZEL

*Series Producer* BERNICE TONI

*Location Producer* RONAN SHARKEY

*Line Producer* LAVINIA RIACHI

*Production Coordinator* ROBYN YOUNG

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### 5

*Director of Photography* SIMON MORRIS

*Editor* MARK ATKIN, ASE

*Composer* MATTEO ZINGALES  
*Titles Theme* MATTEO ZINGALES & ANTONY PARTOS

---

### 6

*Drone & Additional Photography India* DALE COCHRANE  
*Additional Photography* BRUCE PERMEZEL

*Sound Recordist* PATRICK SLATER

*Researchers* ANNA JEFFRIES  
LIZ KAYDOS

*Development Researcher* JESSICA GRYNBERG  
*Factual Researcher Intern* SIMON ROSE

*Production Accountant* KATE MURPHY

*Location Liaison*  
*Oman* GORDON MCKENZIE  
*Israel* OREN ROSENFELD, Holyland Productions  
*Turkey* AYDIN KUDU, Turkish Moon  
*India* SHERNAZ ITALIA, FilMatters  
ABHRA BHATTACHARYA

7

<i>Post Production Supervisor</i>	JANE MAGUIRE
<i>Assistant Editor</i>	SALLY BIASIUTTI
<i>Logger</i>	NICK SCOTT
<i>Offline Editing Facility</i>	UNCUT PICTURES
<i>Audio Post Production</i>	SOUNDWAVES / SONAR SOUND
<i>FX Editor</i>	LUKE MYNOTT
<i>Additional FX Editors</i>	DYLAN BARFILED BELINDA TRIMBOLI
<i>Dialogue Editors</i>	EMMA FRANZ PETAR RISTIC ANDREW McGRATH
<i>Narration Recordist</i>	BELINDA TRIMBOLI
<i>Foley</i>	JOHN SIMPSON
<i>Re-Recording Mixer</i>	ANDREW McGRATH

8

<i>Score Recorded &amp; Produced at</i>	SONAR MUSIC
<i>Post Production Facility</i>	DDP STUDIOS
<i>Post Production Producer</i>	BRONWYN KETTLES
<i>Colourist</i>	IAN LETCHER
<i>Online</i>	CLAUD LIUCCI
<i>DNA testing</i>	FAMILY TREE DNA
<i>Title Design &amp; Graphics</i>	VISUAL PLAYGROUND
<i>Subtitles</i>	SBS AUSTRALIA
<i>Post Production Script</i>	REEZY MILLER SCRIPT SERVICES
<i>Archival footage courtesy of</i>	NATHAN TOMLINSON
<i>Legals</i>	VERGE WHITFORD & CO, CAROLINE VERGE
<i>Insurance Broker</i>	MOONEYS INSURANCE BROKERS, DAVID MANSLEY
<i>Travel Services</i>	TAG AUSTRALIA. ALLI PRATT

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	For BLACKFELLA FILMS
<i>Head of Factual</i>	JACOB HICKEY
<i>Business Affairs</i>	HELEN LOVELOCK
<i>Financial Controller</i>	LEAH HALL
<i>Office Managers</i>	HAYLEY JOHNSON HANNAH SMITH

10

	For SBS
<i>SBS Commissioning Editor</i>	JOSEPH MAXWELL
<i>Business Affairs Manager</i>	SOPHIE COOKE
<i>Production Supervisor</i>	HEATHER OXENHAM
<i>Production Coordinator</i>	LEIGH HUMBERDROSS
<i>Senior Lawyer</i>	THEO DORIZAC

For SCREEN AUSTRALIA  
Investment Manager, Documentary LISA DUFF

For FILM VICTORIA  
Development & Investment Manager JENI McMAHON

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The Producers wish to thank

CATAHÖYÜK RESEARCH PROJECT

DEPARTMENT OF PARKS AND WILDLIFE - KALBARRI, WA

LA TROBE UNIVERSITY, INSTITUTE OF MOLECULAR SCIENCES

MANOT CAVE - BEN GURION UNIVERSITY, TEL AVIV UNIVERSITY,  
ISRAEL ANTIQUITIES AUTHORITY, CASE WESTERN RESERVE UNIVERSITY,  
THE DAN DAVID CENTRE FOR HUMAN EVOLUTION AND BIOHISTORY RESEARCH

EXTERNAL FOREIGN MEDIA, MINISTRY OF EXTERNAL AFFAIRS, INDIA

THE HIGH COMMISSION OF INDIA IN AUSTRALIA

MINISTRY OF INFORMATION, SULTANATE OF OMAN

SHIRE OF BROOME, WA

TURKISH MINISTRY OF CULTURE AND TOURISM

FRANQUE BATTY	MILENA GOZZO
SHEILA VAN HOLST PELLEKAAN	PANEETA SCHWINGHAMER
JUDY SABA	LILY TAN
ELIZA TIVENDALE	

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Special thanks to

DR JOHN MITCHELL  
DR OMRY BARZILAI  
DR DRAGANA FILIPOVIC  
DR SCOTT E HADDOW  
PROFESSOR ISRAEL HERSHKOVITZ  
DR IAN HODDER  
DR CARLES LALUEZA-FOX  
DR VADLAMUNDI RAO  
DR AMRITA SARKAR  
LAUREN WENDY DAVIS

CLAUDE ZEMIRO  
CARSTEN PRIEN  
WILL ERSKINE  
LISA MANN  
SUE MUGGLETON  
PROFESSOR MARCIA LANGTON  
PROFESSOR IAN ANDERSON  
MICK GOODA  
KATE GORDON  
ALASTAIR McKINNON

THE PEOPLE OF ISKO, HAZARIBAGH, INDIA

13 Full frame

FILMED ON THE LANDS OF  
NANDA, WAJARRI, BARDI & JUKUN PEOPLE OF WESTERN AUSTRALIA  
WATHAURONG & WURUNDJERI PEOPLE OF VICTORIA  
GADIGAL & GANDANGARA PEOPLE OF NEW SOUTH WALES

14 Full frame

Writer  
JACOB HICKEY

Producers  
DARREN DALE & JACOB HICKEY

15

End contractual cards as per PIA –full  
frame

Blackfella Films acknowledges the support of  
Screen Australia's Enterprise Program

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21

A National Documentary Program



Australian Government



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ISAN 0000-0004-1BF6-0002-X-0000-0001-A

## End Credits : DNA Nation Episode 3 Dur'n 30 seconds

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### 1 Full frame

With

ERNIE DINGO  
IAN THORPE  
JULIA ZEMIRO

---

### 2 Full frame

Series Consultant  
DR JOHN MITCHELL

---

### 3 Full frame

Narrator  
COLIN FRIELS

---

### 4 Full frame

*Location Director* BRUCE PERMEZEL

*Series Producer* BERNICE TONI

*Location Producer* RONAN SHARKEY

*Line Producer* LAVINIA RIACHI

*Production Coordinator* ROBYN YOUNG

---

### 5

*Director of Photography* SIMON MORRIS

*Editors* MARK ATKIN, ASE  
STEVEN ROBINSON, ASE

*Composer* MATTEO ZINGALES  
*Titles Theme* MATTEO ZINGALES & ANTONY PARTOS

---

### 6

*Additional & Drone Photography* DALE COCHRANE

*Sound Recordist* PATRICK SLATER

*Researchers* ANNA JEFFRIES  
LIZ KAYDOS

*Development Researcher* JESSICA GRYNBERG  
*Factual Researcher Intern* SIMON ROSE

*Production Accountant* KATE MURPHY

*Location Liaison*  
*Kyrgyz Republic* STANISLAV SOLOVKIN, Soar Productions  
AYCHREK TAZABEKOVA, Soar Productions

*Timor Leste* LURDES PEREIRA

*Sardinia* JAMES WALKER

<i>India</i>	SHERNAZ ITALIA, FiMatters
<i>Kyrgyz Translator</i>	NURSULTAN SULAIMANOV
<i>Risk Assessment</i>	HART INTERNATIONAL
<i>Safety Officer Timor Leste</i>	ROGER RENNI

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<i>Additional Photography</i>	LIAM ADAM WILL EDWARDS MARK RODGERS
<i>Additional Drone Photography</i>	ENRICO DEIDDA JOHN DUNCAN
<i>Additional Sound Recording</i>	CHRIS GIBBONS CHRIS CAMPION DAVID SPINNER PETRIS TORRES

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<i>Post Production Supervisor</i>	JANE MAGUIRE
<i>Assistant Editor</i>	SALLY BIASIUTTI
<i>Logger</i>	NICK SCOTT
<i>Offline Editing Facility</i>	UN-CUT PICTURES
<i>Audio Post Production</i>	SOUNDWAVES / SONAR SOUND
<i>FX Editor</i>	LUKE MYNOTT
<i>Additional FX Editors</i>	DYLAN BARFIELD BELINDA TRIMBOLI
<i>Dialogue Editors</i>	EMMA FRANZ PETAR RISTIC ANDREW McGRATH
<i>Narration Recordist</i>	BELINDA TRIMBOLI
<i>Foley</i>	JOHN SIMPSON
<i>Re-Recording Mixer</i>	ANDREW McGRATH

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<i>Score Recorded &amp; Produced at</i>	SONAR MUSIC
<i>Post Production Facility</i>	DDP STUDIOS
<i>Post Production Producer</i>	BRONWYN KETTLES
<i>Colourist</i>	DEIDRE McCLELLAND
<i>Online</i>	CLAUD LIUCCI
<i>DNA testing</i>	FAMILY TREE DNA
<i>Title Design &amp; Graphics</i>	VISUAL PLAYGROUND
<i>Post Production Script</i>	REEZY MILLER SCRIPT SERVICES
<i>Archival footage courtesy of</i>	NATHAN TOMLINSON
<i>Legals</i>	VERGE WHITFORD & CO, CAROLINE VERGE
<i>Insurance Broker</i>	MOONEYS INSURANCE BROKERS, DAVID MANSLEY
<i>Travel Services</i>	TAG AUSTRALIA, ALLI PRATT

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<i>For BLACKFELLA FILMS</i>	JACOB HICKEY
<i>Head of Factual</i>	

<i>Business Affairs</i>	HELEN LOVELOCK
<i>Financial Controller</i>	LEAH HALL
<i>Office Managers</i>	HAYLEY JOHNSON HANNAH SMITH

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	For SBS
<i>SBS Commissioning Editor</i>	JOSEPH MAXWELL
<i>Business Affairs Manager</i>	SOPHIE COOKE
<i>Production Supervisor</i>	HEATHER OXENHAM
<i>Production Coordinator</i>	LEIGH HUMBERDROSS
<i>Senior Lawyer</i>	THEO DORIZAC
	For SCREEN AUSTRALIA
<i>Investment Manager, Documentary</i>	LISA DUFF
	For FILM VICTORIA
<i>Development &amp; Investment Manager</i>	JENI McMAHON

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ISRAEL ANTIQUITIES AUTHORITY, CASE WESTERN RESERVE UNIVERSITY,  
THE DAN DAVID CENTRE FOR HUMAN EVOLUTION AND BIOHISTORY RESEARCH

NATIONAL OLYMPIC COMMITTEE OF THE KYRGYZ REPUBLIC

MINISTRY OF FOREIGN AFFAIRS OF THE KYRGYZ REPUBLIC

MINISTRY OF THE EMERGENCY SITUATIONS OF THE KYRGYZ REPUBLIC

STATE AGENCY FOR SPORTS OF THE KYRGYZ REPUBLIC

STATE AGENCY FOR ARCHITECTURE AND BUILDING OF THE KYRGYZ REPUBLIC

STATE CUSTOMS AUTHORITY OF THE KYRGYZ REPUBLIC

NATIONAL KOK-BORU ASSOCIATION OF THE KYRGYZ REPUBLIC

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The Producers wish to thank

MINISTRY OF TOURISM OF TIMOR-LESTE: SECRETARY OF STATE FOR ARTS & CULTURE,  
Sra MARIA ISABEL XIMENES

DIRECTOR-GENERAL FOR ARTS & CULTURE, Sra CECILIA ASSIS

LIURAI TUTUALA, Sr ANTONIA DA FONSECA

THE VALU-SERE COMMUNITY

REGIONAL DIRECTORATE FOR CULTURAL AND LANDSCAPE HERITAGE OF SARDINIA

SUPERINTENDENCY FOR ARCHAEOLOGICAL HERITAGE FOR THE PROVINCES OF CAGLIARI AND ORISTANO

GEARANNAN BLACKHOUSE VILLAGE

HISTORIC ENVIRONMENT SCOTLAND

KOOLJAMAN AT CAPE LEVEQUE

DUNCAN NORRIS

BANTHAM ESTATE

BULLARDOO STATION

MORGAN PHILLIPS

ELIZA TIVENDALE

14

Special thanks to

DR JOHN MITCHELL  
DR BASTIEN LLAMAS  
DR PIERRE ZALLOUA  
DR MICHELE GUIRGUIS  
MURAT 'SARY' TOMBAEV  
PROFESSOR SUE O'CONNOR  
ANNA-MAIRI SMAIL  
CLARE McKILLOP  
DAVE JOHNSTON  
GAVIN EAGAN

CARSTEN PRIEN  
CLAUDE ZEMIRO  
WILL ERSKINE  
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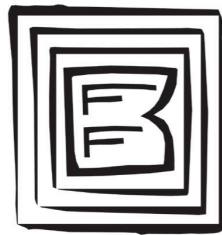


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## Producer Contact Details

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blackfella films

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