

iA imaginACTION

bringing ideas t o life... & life t o ideas

digital video and multimedia production

health — arts — community — environment



Dr David Smith BSc (Hons) PhD FRSA is a writer, director, cameraman and editor specializing in the production of videos designed for professionals in education, health, medicine, community and the environment.

Having published more than 50 scientific papers in international journals, and with more than a decade spent as a research physiologist and lecturer in zoology, David brings extensive scientific knowledge and understanding to bear on all aspects of his productions.

David has produced and presented more than twenty broadcast documentaries and hosted 77 half-hour episodes of his own weekly national television series, *David Smith's Earthwatch*, on ABC TV for two years. David also wrote and presented numerous items on the Radio National *Science Show* and *Occam's Razor*.

Senior Researcher for the ABC/BBC series *Nature of Australia*, 'resident zoologist' on the Don Lane and Bert Newton Shows, David was for a time weatherman and environment specialist for Channel 7 Melbourne.

Author of six books, including two critically acclaimed Penguin eco-thrillers, David was also ghost writer for the 1100-page tertiary text *Biology*, published by McGraw-Hill. David was Associate Producer and Animation Supervisor on the large-format (IMAX) documentary *Australia: land beyond time*.

As Director of the Mind and Body Gallery at Melbourne Museum, David was instrumental in designing and developing a world-class gallery containing five exhibitions showcasing Australian research in anatomy and cell biology, biotechnology and bio-ethics.

Over the past decade David has specialized in the production of DVDs and online content for the health, education and community sectors. In 2016 David won the Victorian Community Historical Communication Award for the most outstanding local history project presented in a unique format: *Duldig Studio Documentaries, Volume 1*.

David established imaginACTION in 1987 as a company dedicated to taking imaginative ideas and converting them into reality.

David is a highly creative and motivated professional who actually listens to others as well as being proactive and highly productive. David is also importantly a thoroughly nice guy.

Prof Desmond Freeman, Managing Director,
Desmond Freeman Interior and Museum Design

Video & multimedia productions

Australian Videocamera Magazine www.australian-videocamera.com

Senior writer and reviewer since 2004. In that time I have written and filmed more than 300 print and online software and hardware reviews, as well as feature articles on video production techniques and perspectives.

Computer Pilot Magazine

Over more than a decade I wrote feature articles detailing technical aspects of flight simulation and flight sim adventures for Computer Pilot Magazine published by PC Aviator.

Duldig Studio Documentaries DVD and Web Videos www.duldig.org.au

A series of four short documentaries describing the remarkable family history and art achievements of Karl and Slawa Duldig, presented by their daughter, Eva de Jong-Duldig.

Winner: Victorian Community History Awards 2016

Historical Interpretation Award for the most outstanding local history project presented in a unique format

Finalist: MAGNA Museums and Galleries National Awards, *Interpretation, Learning & Audience Engagement*, Museums Australia 2016

Roles: HD videography (2-camera), Editing & Post-production, DVD Design and Production

National Student Wellbeing Hub www.studentwellbeinghub.edu.au

Online showcase of excellence in implementation of this federal government initiative produced for Education Services Australia. We shot 90% of the video in more than 150 schools around Australia and edited 80%.

Roles: HD videography (2-camera), Editing & Post-production, Voiceovers

**Outright Winner *Best e-Learning Resource*
International e-Learning Association**

ICT in Everyday Learning: a toolkit for teachers

Online video for the Education Services Australia website showcasing excellence in classroom pedagogy and the use of information and communication technology (ICT)

Roles: HD videography (2-camera), Editing & Post-production, Voiceovers

**Outright Winner, *K-12 e-Learning Award 2012*
e-Learning Industry Association of Victoria**

Literacy and Numeracy in Early Childhood Education

National early literacy and numeracy project produced for Curriculum Corporation

One million copies distributed nationally

Roles: Direction, videography (2-camera), post-production, DVD design & production

Rock Video Clips

Mushroom Giant

Majestic Blackness

www.youtube.com/watch?v=5aYsCQ20Yao

The Making of Majestic Blackness

www.youtube.com/watch?v=bZyWy2Iyy_E

The Drake Equation

www.youtube.com/watch?v=q5w85Y_seaQ

El Colosso

Strung Out

www.youtube.com/watch?v=ObHmF46biG8

Roles: Videography (HD multi-camera), Animation, Editing & Post-production

VIVOS

A set of four ten-minute animations commissioned by Fed Square Management and screened daily for two years on the giant video screen at Federation Square, Melbourne

Roles: Animation, Post-production

Waypoint 1 Dual CD set commissioned by Multimedia Victoria

Winner
Best Animation and Video in Multimedia
Most Innovative Product
ATOM International Awards 2007

Roles: Creative Director for Museum Victoria, Cinematographer, Co-writer/Script Editor, Voiceovers

Open Space

Video record of the Open Space professional gathering at Marysville, Victoria in 2002

Open Space 5-minute Promo www.youtube.com/watch?v=3WIRiX_ID68

Roles: Videography, Editing & Post-production

Arab Gateways: a resource kit for Australian students and teachers

DVD and web videos produced for Education Services Australia

Roles: Video Direction, HD Videography (2-camera), Editing & Post-production, Graphic design

Values in Action Schools Project

Multi-camera recording of two-day Evaluation Summit for Education Services Australia

Roles: Director, HD videography (2-camera), Post-production

C21st Learning: Acting Internationally

Preparation of key support videos and video coverage of the three-day 2008 International Conference, including filming and editing of key video sequences at more than forty schools around Australia which were screened live at the Sofitel Melbourne. Curriculum Corporation.

Roles: Direction, HD Videography (3-camera), Editing and Post-production, Animations

Educating Teachers and Therapists who work with Children with Cerebral Palsy

Multimedia project for the Cerebral Palsy Information Centre (CPEC), Glen Waverley Victoria

Roles: Roles: Director, HD videography (2-camera), Post-production

Assessment for Learning DVD Suite

4-DVD set produced by Curriculum Corporation

Finalist: 2009 ATOM International Awards

Roles: Video direction, HD videography (3-camera) & Voiceovers

But here... life is different

DVD training resource for counselors dealing with domestic violence within the Sudanese Community.

Produced for Migrant Information Centre (Eastern Melbourne), Box Hill. Broadcast Channel 31

Roles: Video Direction, HD Videography, Editing & Voiceovers, DVD design & production

Keeping Families Together

DVD training resource for counselors dealing with domestic violence within the Sudanese Community.

Produced for Greater Dandenong Community Health Service

Roles: Video Direction, HD Videography (2-camera), Editing & Voiceovers, DVD design & production

Preparing for Secondary School

DVD video resource kit designed to guide families who have children moving from Primary to Secondary School. Produced for Greater Dandenong Community Health Service

Roles: Video Direction, HD Videography (2-camera), Editing & DVD design and production

INDAPS: 3rd IVIg in Neurological Disease Asia Pacific Symposium

3-DVD set with multi-camera recording of the entire conference in Melbourne, produced for CSL Biotherapies

Roles: Director, HD videography, post-production and DVD design

All of Us

12-minute program celebrating multiculturalism in Victoria. Victorian Multicultural Commission

Roles: Director/Videographer/Post-production and compositing

Working effectively with interpreters in mental health settings

Instructional DVD resource for the Victorian Transcultural Psychiatry Unit

Roles: Director, videography, post production, DVD design & production

Definitive Surgical Trauma Care (DSTC) course

Finalist: 2005 ATOM International Awards

3-year project producing DVD support package for international trauma surgery course.
RACS, Royal Melbourne Hospital, University of Melbourne, Liverpool Health Service

Roles: Project Manager/Producer/Videographer/Editor/DVD design & production

Victorian Multidisciplinary Trauma Resource Management (VMTRM) Project

DVD & CD support package funded by Victorian Trauma Foundation/Southern Health

Roles: Multimedia Director/Videographer/Editor/DVD design & production

Psychiatric first aid

Dramatic re-enactment of the role of carers in a psychiatric crisis

Filmed for Orygen Youth Health, Melbourne

Role: Director of Photography (3-camera)

Clavicle fixation surgery using Herbert cannulated bone screw

Instructional/promotional video produced for Mr Martin Richardson and Zimmer Pty Ltd

Roles: Multimedia Director/Videographer/Editor/Graphic Design

PFIX adjustable pelvic compression harness

Instructional/promotional video produced for Mr Martin Richardson and Peter McIntosh illustrating use of the PFIX harness in preventing exsanguinating haemorrhage due to traumatic pelvic fractures.

Roles: Multimedia Director/Videographer/Editor/Graphic Design

BRAIN & MIND: innovate. integrate. inspire.

20-minute promotional video for launch of National Neuroscience Facility

Roles: Director/Videographer/Editor

Chances are...

30-second broadcast commercial for Muscular Dystrophy Association

Roles: Concept, post-production and compositing

ONE SPLIT-SECOND: road trauma & recovery

30-minute program exploring the impact of road trauma.

Produced for Road Trauma Support Team (Vic) Inc and distributed by Video Education Australasia

Roles: Director/Videographer/Editor

Rapid Sequence Intubation in Severe Head Injury

Training video for MICA Paramedic clinical services. Metropolitan Ambulance Service, Victoria

Roles: Director/Videographer/Editor/Graphic Design

CAMP 000

Promotional video for Metropolitan Ambulance Service, Victoria

Roles: Director/Videographer/Editor/Graphic Design

2020 Schools: Engage with Asia

Promotional DVD filmed and produced for Asia Education Foundation, The University of Melbourne

Roles: Director/Videographer/Editor/Graphic Design

David is the consummate professional: highly experienced in all facets of video production from creative writing to post production. I've worked with David on a number of broadcast documentaries and have been delighted by the outcome of his work. I have also worked with David as a journalist/writer through Auscam magazine and find his stories engrossing.

John Westwood, Director Redgum TV, Photojournalist National Geographic Society

Television productions

RETURN TO ANJO

57-minute documentary recounting the story of Truscott, Australia's secret WWII airbase. Re-mastered using digital technology, Return to Anjo includes computer simulations of key events including Squadron Leader Keith 'Bluey' Truscott's last flight, as well as the crashes of Liberators A72-160 and A72-80. David Smith and his father explore the rusty remains of the base together. Helen Brown confronts the wreckage of the aircraft in which the father she never knew perished.

'A masterpiece of historical significance...destined for the Australian National Archives.'

John Westwood, Redgum Television Productions
Donated to the Australian War Memorial, Canberra.
Broadcast Channel 31 Melbourne

Roles: Writer, Director, Cinematographer

BORIS'S BRILLIANT BIKE RIDE

47-minute broadcast documentary telling the uplifting story of one remarkable family's response to their son's diagnosis with muscular dystrophy. Broadcast on Channel 31 in 2014. Narrated by William McInnes. Sponsored by Seagate.

Broadcast Channel 31 Melbourne

Roles: Writer, Director, Cinematographer, Original Music

AUSTRALIA: Land Beyond Time

Large format (IMAX) feature documentary telling the geological and biological history of Australia.

Produced by Living Pictures Australasia

Role: Associate Producer

KING ISLAND: this fine, large island 32 minute promotional documentary on King Island.

Produced by Kine Graffiti for King Island Tourist Development Association

Roles: Presenter, aerial photography

EDGE OF THE ABYSS 56 min documentary presold to the Seven Network. Funded by Film Victoria & ANZ Bank. The story of the 1988 RV Franklin expedition and its discoveries as scientists probed the lower reaches of the Australian Continental Slope. Broadcast Channel 31

Roles: Writer, Presenter, Producer/Director, Sound Recordist, Underwater & Additional Photography.

CONTINENT IN CRISIS 50-minute documentary produced by CSIRO, dealing with the importance of remote sensing in managing the Australian environment. Presold to the Seven Network (*The World Around Us* series) and first broadcast in 1991. Also broadcast Channel 31.

Roles: Writer, Presenter, Director, Additional Photography

David Smith's EARTHWATCH Seventy-seven episodes of this popular weekly half-hour series were broadcast nationally on ABC TV over two years. Developed as a way of presenting a modern, research-based view of the natural sciences in a magazine format, the series appealed to a wide family audience.

Roles: Apart from initial conception of the series with Harvey Shore, I was responsible for hosting the show, writing and researching both studio segments and film stories.

PROJECT TIGER 30-min documentary filmed on location in India for ABC TV & the Indian Government Tourist Commission. **Roles:** Presenter, Researcher, Co-Writer, Second Camera on location, Post-production coordination

NATURE of AUSTRALIA (Six 1-hour episodes) Senior Researcher, ABC Natural History Unit, during first three years of ABC/ BBC/ Australian Heritage Commission co-production.

Roles: This appointment involved a wide range of activities, primarily the preparation of the primary research brief for the series: published in 1990 as *Continent in Crisis: a natural history of Australia* (Penguin, 1990); republished as an enlarged, revised colour edition, *Saving a Continent: towards a sustainable future* (UNSW Press, 1995)

DRUGS & THE COMMUNITY: CANNABIS

30 minute video challenging the notion that cannabis is a safe drug for recreational use. Produced for Video Education Australasia. **Roles:** Writer, Director, Cinematographer, Original Music

BAYSIDE MELBOURNE: how clean is clean?

33-minute documentary on the methods and issues relating to Australia's largest soil- washing project at the former BP site in Port Melbourne. **Roles:** Writer, Director, Cinematographer, Original Music

OPERATION BLUE WHALE 15-minute documentary on the retrieval and articulation of a Blue Whale skeleton from an 18 metre specimen that died at Lorne in 1992. Screening continuously in Melbourne Museum **Roles:** Writer, Director, Cinematographer, Original Music

ANTARCTICA: the last wilderness This televised 40-minute panel forum was hosted by David Smith and produced and directed by Toni Steinbrecher for ABC TV. The panel, Dr Phillip Law, Dr Paul Broady, Dr Gillian Triggs, Prof Bill Budd and Mr Peter Reynolds, was invited to discuss the future of the Antarctic in terms of the Antarctic Treaty and the notion of a World Park. The transcribed interview forms the final chapter of *ANIMAL TAILS* (1988).

Role: Host

CALL OF THE SEA 55-min documentary on the lives of marine birds and mammals (Produced by Video Images and broadcast in 1991 on the TEN Network Australia)

Role: Co-Writer/Researcher with Dr Norman Swan

A PRICE TOO HIGH 55-min documentary on the fate of commercially exploited endangered species. (Produced by Video Images for the TEN Network Australia)

Role: Co-Writer/Researcher with Dr Norman Swan

WARRNAMBOOL'S WHALES 10 minute film including the first-ever underwater sequences of Southern Right Whales in Australian waters. Filmed and produced for Victorian Tourist Commission & Flagstaff Hill Maritime Museum

Roles: Writer, Director, Cinematographer (incl. Underwater)

THE MAN WHO LOVES FROGS 55 min Documentary for ABC TV on the work of Michael Tyler from Adelaide University on the biology of frogs. **Role:** Research

COCKATOOS AT THREE SPRINGS 55 min documentary for ABC TV on conservation and management problems relating to cockatoos in Western Australia. **Role:** Research

Publications

1974

SMITH, DG *Sympathetic cardiac stimulation in Bufo marinus under MS 222 anaesthesia* Am J Physiol 226: 367-370

SMITH, DG *Insensitivity of toad carbon dioxide exchange to acetazolamide* Comp Biochem Physiol 48A: 337-341

1976

SMITH, DG and G CAMPBELL *The anatomy of the pulmonary vascular bed in the toad, Bufo marinus* Cell Tiss Res 165: 199-213

SMITH, DG *The innervation of the cutaneous artery in the toad, Bufo marinus* Gen Pharmacol 7: 405-409

1977

SMITH, DG and L RAPSON *Differences in pulmonary microvascular anatomy between Bufo marinus and Xenopus laevis* Cell Tiss Res 178: 1-15

SMITH, DG and DW JOHNSON *Oxygen exchange in a simulated trout gill secondary lamella* Am J Physiol 233: R145-R161

SMITH, DG *Sites of cholinergic vasoconstriction in trout gills* Am J Physiol 233: R222-R229

1978

PHLEGER, CF, DG SMITH, DH McINTYRE and BH SAUNDERS *Alveolar and saccular lung phospholipids of the anaconda, Eunectes murinus* Can J Zool 56: 1009-1013

SMITH, DG and BJ GANNON *Selective control of branchial arch perfusion in an air-breathing Amazonian fish, Hoplerthrinus unitaeniatus* Can J Zool 56: 959-964

SMITH, DG *Evidence for pulmonary vasoconstriction during hypercapnia in the toad, Bufo marinus* Can J Zool 56: 1530-1534

SMITH, DG *Neural regulation of blood pressure in rainbow trout (Salmo gairdneri)* Can J Zool 56: 1678-1684

1979

SMITH, DG *Factors affecting oxygen exchange in isolated, saline-perfused lungs of Bufo marinus* Comp Biochem Physiol 62A: 655-659

SMITH, DG and DH McINTYRE *Autonomic innervation of the visceral and vascular smooth muscle of a snake lung (Ophidiae: Colubridae)* Comp Biochem Physiol 62C: 197-191

1980

BERGER, PJ, BK EVANS, and DG SMITH *Localisation of baroreceptors and gain of the baroreceptor-heart rate reflex in the lizard, Trachydosaurus rugosus* J Exp Biol 86: 197-209

1981

FARRELL, AP and DG SMITH *Microvascular pressures in gill filaments of lingcod (Ophiodon elongatus)* J Exp Zool 216: 341-344

ROGERS, DC, DG SMITH, GR CAMPBELL and J CHAMLEY-CAMPBELL *Immunofluorescent and structural features*

of cells in the intervascular stroma of the amphibian carotid labyrinth Cell Tiss Res 216: 349-360

SMITH, DG, PJ BERGER and BK EVANS *Baroreceptor control of heart rate in the toad, Bufo marinus* Am J Physiol 241: R307-R311

SMITH, DG and J CHAMLEY-CAMPBELL *Localisation of smooth muscle myosin in branchial pillar cells of snapper (Chrysophys auratus) by immuno-fluorescence histochemistry* J Exp Zool 215: 121-124

SMITH, DG, DC ROGERS, J CHAMLEY-CAMPBELL and GR CAMPBELL *The mechanism of blood flow redistribution within the carotid labyrinth of the toad, Bufo marinus* J Exp Zool 216: 387-394

1983

SMITH, DG, DW DUIKER and IRC COOKE *Sustained branchial apnea in the eel, Anguilla australis* J Exp Zool 226: 37-44

ELLIS, AG and DG SMITH *Oedema formation and impaired O₂ transfer in saline-perfused gills of the eel, Anguilla australis* J Exp Zool 227: 317-380

HIPKINS, S and DG SMITH *Cardiovascular correlates of branchial apnea in the eel, Anguilla australis* J Exp Zool 227: 339-348

1984

McINDOE, R and DG SMITH *Functional anatomy of the internal gills of the tadpole of Litoria ewingi* Zoomorphologie 104: 280-291

Book Chapters (1984):

PERRY, S, P DAVIE, C DAXBOECK, A ELLIS and DG SMITH *Perfusion methods for the study of gill physiology* In: Hoar, WS and Randall, DJ (Eds) Fish Physiology XB The Gills, pp325-388

McINDOE, RB and DG SMITH *Functional morphology of gills in larval amphibians* In: Seymour, R. (Ed) Respiration And Metabolism In: Embryonic Vertebrates (Dr W. Junk; Dordrecht) Chapter 4, pp 55-70

1985

SMITH, DG, S NILSSON, I WAHLQVIST and BM ERIKSSON *Evidence for neural control of arterial pressure in resting cod, Gadus morhua* J Exp Biol 117: 335-347

1986

HIPKINS, S, DG SMITH and BK EVANS *Lack of adrenergic control of dorsal aortic blood pressure in the resting eel, Anguilla australis* J Exp Zool 238: 155-166

1988

SMITH, David *Animal Tails* Ringwood, Vic: Penguin Books

1990

SMITH, David *Unknown Creatures from the Deep* Geo 12: 18-27

SELWOOD, L & DG SMITH *Time-Lapse analysis and normal stages of development of cleavage and blastocyst formation in the marsupials the brown antechinus and the stripe-faced dunnart* Molecular Reproduction and Development 26: 53-62

SMITH, DG *Koalabär griff Tonband an Das Tier 7: 6-7*

SMITH, David *Continent in Crisis: A natural history of Australia* Ringwood, Vic: Penguin Books

1991

SMITH, David *Miraculous Mammals* In: Occam's Razor 3 (Sydney: ABC Enterprises) pp 175 - 181

1992

SMITH, David *Freeze-Frame* Ringwood, Vic: Penguin Books

SMITH, DG *Mining in Australia: much maligned & misunderstood?* In: Proc. Enviromine Conference, Sydney, March 1992 Sydney: Taronga Zoo Publications - Invited Keynote Address

1993

SMITH, David *Total Containment* Ringwood, Vic: Penguin Books

1994

SMITH, David *Saving a Continent: towards a sustainable future* Sydney: UNSW Press

DAUM, Berthold and David SMITH *Animus* Melbourne: Lichtbild Pty Ltd

SMITH, David *Natural toxins and livestock poisoning* Rural Research 164: 12-15

KNOX, RB, PY LADIGES & BK EVANS (eds) *Biology: an Australian perspective* Ghost Writer for the first tertiary biology text produced in Australia. Sydney: McGraw-Hill

1995

SMITH, David *Landcare: who owns the revolution?* Ecos 82: 16-19

SMITH, David *Kangaroos: thriving or just surviving?* Rural Research 168: 25-28 and Geo 17 (6): 16-18

SMITH, David *Bringing people and science together* The View Australia 2: 51-58

SMITH, David *Biodiversity: Australia's living heritage* The View Australia 2: 59-63

1996

SMITH, David *Caution: Genius at Work* The View Australia 4: 48-56

SMITH, David *National approach to dryland salinity problem* Rural Research 173: 31-34

2000

SMITH, David *Objects décorative* Insite: Museums Australia Newsletter October 2000 pp 4-5 Special Edition: Ornament

2001

SMITH, David *Plus ça change, plus c'est la même chose* In: Rasmussen, C (Ed) *A Museum for the People: a history of Museum Victoria and its predecessor institutions 1854-2000* Melbourne: Scribe Publications pp372-375

2018

SMITH, David *A Journey of Surprises* In: Patricia Vickers-Rich and Alexei Rozanov *The Great Russian Dinosaurs Exhibition: a Russian-Australian joint venture (1993-1997)* Melbourne: Swinburne University of Technology