

ESTELLE DAVIES



Date of Birth: 15th November 1978

Nationality: British

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TERTIARY EDUCATION

2003 - 2004 Post Graduate Certificate of Education (PGCE) in Secondary Biology	King's College London	England
2002 - 2003 Masters of Applied Science (Distinction) in Tropical Marine Ecology,	James Cook University	Townsville, Australia
1999 - 2000 Academic Year Abroad in Marine Biology	University of California	Santa Cruz, California
1997 - 2001 BSc (Hons) 2:1 in Marine and Environmental Biology	University of St. Andrews	Scotland

EMPLOYMENT AND EXPERIENCE

June 2018 - August 2018 <i>Coral Reef Ecology Lecturer & Dive Master - Operation Wallacea</i> <ul style="list-style-type: none">Responsible for delivering two marine science lectures a day to high school and university level volunteersCoordinating & leading two SCUBA dives a day, conducting in-water marine research practicals including, fish, invertebrate and algae ID, benthic quadrat and 3D modelling surveys	Fiji
October 2016 - present <i>Founder and Marine Educator – LIVING OCEANS EDUCATION 'Educate, Inspire & Protect'</i> <ul style="list-style-type: none">Creator and Teacher of 'Life in Our Oceans – An introduction to marine biology' an after school enrichment program to educate & inspire students of all ages to know, love and protect all life in our oceans.Coordinating & leading outdoor field trips to snorkel, hike and explore the natural ecosystems of Hong Kong and Asia	Hong Kong
September 2011 - June 2016 <i>Client Relationship Manager - Asia Pacific Adventure Outdoor Adventure Company (APA)</i> <ul style="list-style-type: none">Working with International schools in Hong Kong and South East Asia to develop, promote, maintain and manage client and youth operations with APA outdoor adventure programsCoordinating, leading and facilitating outdoor leadership and education programs (2-10 days in length) for students (aged 8-18) in Hong Kong, China, Thailand, Taiwan and The Philippines	Hong Kong

Summer 2014**Madagascar***Marine Conservation Expedition Volunteer – BlueVentures*

- Conducting underwater benthic and reef fish surveys to collect scientific data to aid in the development of the largest locally-managed marine protected area. Teaching English to local Malagasy students
- Living in a secluded and remote environment with little available resources (water, electricity, food) for an extended period of time

August 2013 – December 2013**Bonaire, Dutch Caribbean***Teaching Assistant and Intern in Tropical Marine Ecology and Conservation Biology Council for International Educational Exchange (CIEE) Research Station*

- Responsibilities include program delivery, academics, research, SCUBA diving for courses and scientific research, logistics, dive safety, student transportation and managing undergraduate students in residence at the station.
- Knowledge of Caribbean coral reef species, teaching AGRRRA (Atlantic and Gulf Rapid Reef Assessment) Marine Ecology Research Field Methods as an AAUS (American Academy of Underwater Sciences) Scientific Diver

November 2009 – April 2010**Maldives***Resident Marine Biologist & Eco Centre Manager– Shangri-la's Villingili Resort & Spa*

- Leading snorkel, dolphin watching, SCUBA dive excursions, turtle releasing events and conducting nature walks for guests
- Guest and staff presentations on the marine and terrestrial environment with emphasis on sustainable development of the Resort and the Maldives.

February 2009- September 2009**Hong Kong***World Challenge Expeditions*

- School Program Manager working with teams leading up to expeditions including money management, team building and itinerary planning
- Assistant Leader on an expedition to Namibia (June-July 2009), overseeing the daily running of life on expedition, health & safety, teamwork, leadership, problem solving and communication

June 2006 – January 2017**French Polynesia***Naturalist for Jean-Michel Cousteau's Ocean Futures Society*

- Leader of the Ambassadors of the Environment education program onboard the ship, M/S Paul Gauguin (www.oceanfutures.org)
- Teaching marine ecology and leading marine (snorkelling, kayaking, mangroves) and land-based (hiking, cycling) excursions with kids (aged 8-18) and adults throughout the islands of French Polynesia.
- Ability to live for long periods in a six star environment aboard a cruise ship

February 2005- January 2009**Worldwide***Guest Lecturer for Jean-Michel Cousteau's Ocean Futures Society*

- Public speaking on the Marine ecology/biology, current environment issues and conservation on board Regent Seven Seas Cruises
- Created and presented multi-media lectures using my own photography (underwater and above) and that of Ocean Futures Society's expedition team (film and still photography)
- Topics and locations of lectures:
 - **Coral Reefs, Reefs and Rainforests, Marine Mammals, Plankton/Gelatinous Zooplankton, Sharks at Risk**
 - **Other Lecture Topics including:** Marine Sanctuaries, Amazon, America's National Marine Sanctuaries, Fishing, Sustainable Seafood, Environmental Education, plus personal stories and anecdotes from own experiences and studies of the natural world
- High level of customer service and personal appearance dictated by standards of 6-star cruise company

May 2002 - July 2004**Australia & England***British and Australian qualified swim teacher*

- Worked extensively in both countries, teaching infants to adults, including children with disabilities

August 1999 – March 2010

Cyprus, Maldives, California, GBR of Australia

PADI & NAUI Dive master

- *Assisting in the instruction of the use of SCUBA diving equipment and leading open water dives both from shore and dive boats. This role involved practical demonstrations and required both verbal and physical communication skills*
- *This position carried the responsibility for the care and safety of the divers. Being focused, aware and showing confidence proved vital for this position.*

Summer 1999

Waterski Instructor and Camp Counsellor

Pennsylvania, USA

- Ski boat driver and Water ski Instructor to all ages and abilities
- Required continuous enthusiasm, leadership and time-management. Solely responsible for the welfare, safety and
- enjoyment of groups of children aged 8-18 yrs old

Summer 1996

Belize, Central America

Marine Research Volunteer - Coral Cay Conservation

- Intensive training course in tropical marine ecology enabling the collection of important scientific data using underwater survey techniques
- Living in a secluded and remote environment for extended period of time, team work was essential throughout

RESEARCH & FIELD WORK

Summer 2014

Marine Conservation Expedition Volunteer – BlueVentures

Madagascar

- Work included: Intensive training on the identification of local benthic flora and fauna and reef fish species. Collecting underwater benthic and reef fish data using line transect techniques with SCUBA for scientific and conservation purposes

Jan. 2002 – June 2003

Masters of Applied Science degree in Tropical Marine Ecology

Townsville, Australia

- Marine surveys involving reef fish behaviour, home range of reef fish, coral taxonomy and identification of coral recruits, as well as above water surveys on the investigation on abundance and distribution of marine invertebrates on a reef flat
- Over 100 Scientific dives assisting PhD Students and through my own research

Dec. 2000- Feb. 2001

Marine Mammal Research in Hong Kong

Hong Kong

Ocean Park Conservation Foundation, BSc Honours (Supervisor: Dr Tom Jefferson)

- Work included: boat (line transect) and aerial (helicopter) surveys to determine the distribution and abundance of Indo-Pacific humpback dolphins and finless porpoises in the territorial waters.
- Assisting in biopsies of stranded animals and using past stranding data formed the basis of my Honours Research Project, “*The spatial and temporal patterns of stranding’s of the Indo-Pacific humpback dolphin and the finless porpoise in Hong Kong*”.

Jan.-April 2000

Research work at Año Nuevo, Santa Cruz

California, USA

Field Methods in Animal Behaviour module, UCSC

- Work included: counting, tagging and monitoring behaviour of Northern Elephant Seals over the breeding season with particular interest in the dominance hierarchy and copulation success of the males. Completing my Research Project, “*The Dominance Hierarchy of male northern elephant seals at Año Nuevo*”

Sept. 1999 - June 2000

Work experience at Moss landing, Monterey Bay and Long Marine Laboratory

California, USA

- Assisting PhD students in capturing and tagging Harbour Seals for scientific research
- This involved maintaining the health and well-being of Leopard Sharks, cleaning tanks, feeding the animals and assisting in carrying out x-rays on the sharks to determine the speed of food travel through the gut

Summer 1996

Tropical Marine Research with Coral Cay Conservation

Belize, Central America

- Work included: intensive training in tropical marine ecology on Caribbean reefs and mapping sections of the coral reef using line transect techniques with SCUBA. Scientific data was collected for management and conservation purposes and also forming part of my A-Level research project, “*The distribution and abundance of Stoplight parrotfish on the Belizean Barrier Reef*”

SKILLS & QUALIFICATIONS

- Water Polo: University Woman’s Captain 2000/2001, Representing Scottish Universities, 1997-2001
- Freshman of the Year Sports award (University Blues)
- RYA National Powerboat Certificate and Ski Boat Driver’s License
- Hong Kong Marine Department Pleasure Vessel Operator Certificate of Competency
- British Drivers Licence (Car)
- PADI & NAUI SCUBA Dive Master
- DAN Asia Pacific Membership & Divers Insurance
- Wilderness First Responder: Wilderness Medical Associates
- First Aid and CPR: Emergency First Response & DAN Oxygen
- American Academy of Underwater Sciences (AAUS) Scientific Diver with current AAUS Dive Medical
- Level 1 Water Polo Coach & British Water Ski Instructor
- AUSTSWIM (Australian qualification) and ASA (British qualification) Teacher of Swimming and Water Safety
- INTESOL Certificate in TESOL (Teaching English to Speakers of Other Languages), A1 Distinction
- Computer skills: MAC & PC, Powerpoint, Excel, Word, Keynote, Pages