

CURRICULUM VITAE

PERSONAL DETAILS

Name: Julio Miguel ALONSO-BABARRO
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QUALIFICATIONS AND EDUCATION

1989. MBBS: University of Cantabria Medical School. *Spain*

2004. Specialist,
Internal Medicine: Jimenez Diaz Hospital. Madrid. Department of Health. *Spain*

2011. Fellowship,
Intensive Care Medicine: College of Intensive Care Medicine. *Australia*

2019. PhD Candidate: University of Queensland Medical School. *Australia*

CAREER STATEMENT

I am passionate about providing excellent care to patients and, through education and research, maintain and continuously improve the standards.
I am also passionate about innovation and, with patient centered medical research, develop novel medical solutions to save lives.

WORK EXPERIENCE

STAFF SPECIALIST ICU. The Prince Charles Hospital, Brisbane. QLD. Australia
02/2017 to today

MEDICAL DIRECTOR. INTENSIVE CARE UNIT (ICU). Robina Hospital, Gold Coast. QLD. Australia
10/2012 to 02/2017

STAFF SPECIALIST ICU. Robina Hospital, Gold Coast. QLD. Australia
05/2012 to 10/2012

STAFF SPECIALIST ICU (Part time). Robina Hospital, Gold Coast. QLD. Australia
05/2011 to 05/2012

FELLOW ICU (Part time). The Prince Charles Hospital, Brisbane. QLD. Australia
05/2011 to 02/2012

FELLOW ICU (Full time). The Prince Charles Hospital, Brisbane. QLD. Australia
02/2011 to 05/2011

SENIOR REGISTRAR ICU. The Prince Charles Hospital, Brisbane. QLD. Australia
07/2009 to 02/2011

REGISTRAR ANAESTHETICS. The Tweed Hospital, Tweed Heads. NSW. Australia
01/2009 to 07/2009

SENIOR REGISTRAR ICU. The Tweed Hospital, Tweed Heads. NSW. Australia
07/2008 to 01/2009

REGISTRAR ANAESTHETICS. The Tweed Hospital, Tweed Heads. NSW. Australia
01/2008 to 07/2008

REGISTRAR AIR MEDICAL RETRIEVAL. Careflight and EMQ bases in Brisbane, Gold Coast, Townsville and Cairns. Careflight Medical Services. QLD. Australia
01/2007 to 01/2008

SENIOR REGISTRAR ICU. Royal Brisbane and Women's Hospital, Brisbane. QLD. Australia
01/2006 to 01/2007

REGISTRAR ICU. Royal Brisbane and Women's Hospital, Brisbane. QLD. Australia
01/2005 to 01/2006

RESEARCHER (Part Time). Infectious Diseases Department. Jimenez Diaz Hospital, Madrid. Spain
07/2004 to 01/2005

SENIOR REGISTRAR General Internal Medicine. Coronary Care Unit, Neurology, ICU and Infectious Diseases. Jimenez Diaz Hospital, Madrid. Spain
07/2002 to 07/2004

REGISTRAR General Internal Medicine. Respiratory, Cardiology, Gastroenterology, Nephrology, Endocrinology and Haemathology. Jimenez Diaz Hospital, Madrid. Spain
07/1999 to 07/2002

Student Msc Preventive Medicine and Public Health Department. Autonoma University, Madrid. Spain
07/1996 to 07/1999

General Practitioner Private and Public Practice. Santander. Spain
01/1990 to 07/1996

OTHER PROFESSIONAL EXPERIENCE

May 2004
Invited Medical Observer. Division of Infectious Diseases
BETH ISRAEL DEACONESS MEDICAL CENTRE, BOSTON. USA

October 2002
Overseas Voluntary Doctor.
(NGO) MESSENGERS FOR PEACE, COTONOU. BENIN

07/2001 to 09/2001
Invited Medical Observer. Cardiothoracic Centre
ST. THOMAS' HOSPITAL, LONDON. UK

AREAS OF INTEREST AND ADDITIONAL SKILLS & EXPERIENCE

Airway Management

Additional Training, Courses & Experience

November 2017. London. UK
DIFICULT AIRWAY SOCIETY ASM

September 2017. Newport, CA. US
SOCIETY OF AIRWAY MANAGEMENT ASM

Cardiac & Cardiothoracic Intensive Care

Additional Training, Courses & Experience

March 2017. Melbourne
THE ALFRED HOSPITAL ADULT EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) COURSE

March 2016. Paris
INTERNATIONAL DIPLOMA ON ECMO AND SHORT TERM RESPIRATORY/CIRCULATORY SUPPORT
La Pitie Salpetriere University Hospital

March 2016. Brussels, Belgium
CRITICAL CARE ECHOCARDIOGRAPHY WORKSHOP

November 2015. Sydney
ICU MANAGEMENT OF THE ECMO PATIENT
St Vincent's Hospital

September 2011. Sydney
HAEMODYNAMIC ECHOCARDIOGRAPHY ASSESSMENT IN REAL TIME (HARTscan) COURSE
UNIVERSITY OF MELBOURNE

April 2011. Melbourne
THE ALFRED HOSPITAL ADULT EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) COURSE

Since 2013. Canberra, Brisbane
INSTRUCTOR IN ADVANCE LIFE SUPPORT (ALS-ARC) COURSES
Australian Resuscitation Council (ARC)

Trauma, Neuro Intensive Care, Disaster and Aviation Medicine

Additional Training, Courses & Experience

Since 2014. Brisbane, Sydney, Melbourne
INSTRUCTOR IN EMERGENCY MANAGEMENT OF SEVERE TRAUMA (EMST) COURSE
EMST – Royal College of Surgeons

November 2013. Melbourne
EMERGENCY MANAGEMENT OF SEVERE TRAUMA (EMST) INSTRUCTOR COURSE

November 2013. Noosa
ACUTE SURGICAL CT INTERPRETATION COURSE
Lightbox Radiology

November 2013. Gold Coast
MAJOR INCIDENT MEDICAL MANAGEMENT AND SUPPORT (MIMMS) COMMANDER COURSE

May 2013. Sydney
EMERGENCY MANAGEMENT OF SEVERE TRAUMA COURSE

November 2009. Melbourne
THE 1st ALFRED ICU TRAUMA SYMPOSIUM

The Alfred Hospital

January 2007. Gold Coast
AVIATION MEDICINE AND PRE-HOSPITAL CARE COURSE
Careflight Queensland

Intensive Care, Anaesthesia and Emergency Medicine Conferences

March 2019. Sydney, Australia
SOCIAL MEDIA AND CRITICAL CARE (SMACC) CONFERENCE

June 2018. Copenhagen, Denmark
The ANNUAL EUROPEAN ANAESTHESIOLOGY CONGRESS

June 2016. Adelaide, Australia
COLLEGE OF INTENSIVE CARE OF AUSTRALIA AND NEW ZEALAND ASM

March 2016. Brussels, Belgium
36th INTERNATIONAL SYMPOSIUM ON INTENSIVE CARE AND EMERGENCY MEDICINE

June 2013. Wellington, NZ
COLLEGE OF INTENSIVE CARE OF AUSTRALIA AND NEW ZEALAND ASM

March 2013. Sydney, Australia
SOCIAL MEDIA AND CRITICAL CARE (SMACC) CONFERENCE

March 2012. Brussels, Belgium
32nd INTERNATIONAL SYMPOSIUM ON INTENSIVE CARE AND EMERGENCY MEDICINE

October 2006. Barcelona, Spain
18th ANNUAL CONGRESS OF THE EUROPEAN SOCIETY OF INTENSIVE CARE MEDICINE (ESICM)

Emergency Response Systems

July 2018. Melbourne, Australia
ANZICS SAFETY AND QUALITY CONFERENCE. THE DETERIORATING PATIENT
Australia and New Zealand Intensive Care Society

August 2017. Sydney, Australia
ANZICS SAFETY AND QUALITY CONFERENCE. THE DETERIORATING PATIENT
Australia and New Zealand Intensive Care Society

July 2013. Sydney, Australia
ANZICS SAFETY AND QUALITY CONFERENCE
Australia and New Zealand Intensive Care Society

Organ Donation

Additional Training, Courses & Experience

March 2017. Brisbane
FAMILY DONATION CONVERSATION WORKSHOP

May 2012. Brisbane
FAMILY DONATION CONVERSATION WORKSHOP

April 2006. Brisbane
AUSTRALASIAN DONOR AWARENESS PROGRAM (ADAPT) WORKSHOP

Paediatrics

Additional Training, Courses & Experience

Since 2012. Melbourne, Sydney, Adelaide, Brisbane
INSTRUCTOR IN ADVANCE PAEDIATRIC LIFE SUPPORT (APLS) COURSES
APLS Australia

Since 2012. Gold Coast
INSTRUCTOR IN PAEDIATRIC LIFE SUPPORT (PLS) COURSES

March 2012. Melbourne
ADVANCE PAEDIATRIC LIFE SUPPORT (APLS) INSTRUCTOR COURSE

November 2011. Brisbane
ADVANCE PAEDIATRIC LIFE SUPPORT (APLS) COURSE

Teaching and Simulation

Additional Training, Courses & Experience

January 2019. Brisbane.
SIMULATION PROVIDER COURSE
Clinical Skills Development Centre

Since 2012.
INSTRUCTOR IN APLS, ALS and EMST COURSES

Since 2014.
INSTRUCTOR IN BASIC ASSESSMENT AND SUPPORT IN INTENSIVE CARE (BASIC) COURSE

September 2013. Gold Coast
EDUCATION CONFERENCE. COLLEGE OF INTENSIVE CARE

November 2011. Brisbane
THE SUPERVISOR AS A TEACHER, LEADER & PERFORMANCE MANAGER
Clinical Skills Development Centre

November 2011. Brisbane
ALS FOR MEDICAL INTERNS. TRAIN THE TRAINER COURSE
Clinical Skills Development Centre

July 2011. Brisbane.
INTRODUCTION TO SIMULATION TRAINING
Clinical Skills Development Centre

April 2010. Brisbane.
INTENSIVE CARE CRISIS EVENT MANAGEMENT COURSE
Clinical Skills Development Centre

Leadership & Management in Health

Additional Training, Courses & Experience

September 2014
CRUCIAL CONVERSATIONS TRAINING
Gold Coast Hospital and Health Service (GCHHS). Gold Coast. Australia

March 2014
MANAGEMENT FOR INTENSIVIST COURSE
College of Intensive Care Medicine. Melbourne. Australia

07/2014 to 12/2014
CLINICIAN BUSINESS DEVELOPMENT PROGRAM
Queensland Health (QH). Brisbane. Australia

03/2013 to 09/2013
MEDICAL LEADERSHIP IN ACTION PROGRAM
QH. Brisbane. Australia

April 2013
UNDERSTANDING PPD PROCESSES
GCHHS. Gold Coast. Australia

March 2013
RECRUITMENT AND SELECTION TRAINING
Central Queensland HHS. Gladstone. Australia

07/2012 to 02/2013
LEADERSHIP TRANSFORMATION PROGRAM
GCHHS. Gold Coast. Australia

August 2012. Melbourne, Australia
NEW FELLOWS CONFERENCE. Member of the Organization Committee
CICM

March 2012
COMMUNICATION AND PATIENT SAFETY TRAINING
GCHHS. Gold Coast. Australia

February 2011
CONSULTANT INTENSIVIST TRANSITION COURSE
Sydney. AUSTRALIA

Innovation and Entrepreneurship

Additional Training, Courses & Experience

August 2020
MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT) INNOVATION WITH IMPACT BOOTCAMP
MIT. Boston. US

September 2019
MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT) VENTURE SCALING BOOTCAMP
MIT. Boston. US

August-December 2018
TEXAS MEDICAL CENTER INNOVATION ACCELERATION PROGRAM
TMCx. Houston. US

August 2018
MASSACHUSETTS INSTITUTE OF TECHNOLOGY – HARVARD MEDICAL SCHOOL (MIT-HMS)
HEALTHCARE INNOVATION BOOTCAMP
MIT-HMS. Boston. US

September 2016
THE INNOVATION POWERED BUSINESS
Impact Innovation. Brisbane. Australia

August 2016
DIGITAL TRANSFORMATION IN A NEW ERA OF CUSTOMER ENGAGEMENT
Microsoft. Brisbane. Australia

August 2016
DIGITAL MARKETING: SEO, SEM & PPC
Digitalbrisbane. Brisbane. Australia

August 2016
THE IDEAS-DRIVEN BUSINESS
Impact Innovation. Brisbane. Australia

August 2016
KICK. START. SMART
Collective Hub. Brisbane. Australia

July 2016
GET ACCELERATOR READY
Pollenizer. Brisbane. Australia

May 2016
IP ADVANTAGES FOR INNOVATION
Davies Collison Cave. Brisbane. Australia

May 2016
CAPITAL RAISING CONFERENCE FOR STARTUPS
M5859 Apps. Melbourne. Australia

December 2015
MEDICAL DEVICE DEVELOPMENT WORKSHOP
Life Sciences Queensland. Brisbane. Australia

Research Courses and Conferences

Additional Training, Courses & Experience

May 2017.
BASIC CLINICAL RESEARCH COURSE
Sydney. AUSTRALIA

February 2017.
GOOD CLINICAL PRACTICES for CLINICAL TRIALS
Sydney. AUSTRALIA

February 2013. Noosa, Australia
ANNUAL MEETING ANZICS CLINICAL TRIALS GROUP (CTG)
Australia and New Zealand Intensive Care Society

INNOVATION AND PhD Candidature, PUBLICATIONS AND PRESENTATIONS

Innovation and PhD Candidature

Airway Management Research and Innovation

PhD Candidate at The University of Queensland, Brisbane, Australia.

Inventor of the 'ShuttleScope' laryngoscope, the 'Airway Shield' and other devices.

Developer of a new laryngoscope and other devices, which have the potential to enhance endotracheal intubation efficacy and safety.

Founder and Director of 'Airway Medical Innovations' and 'Airway Shield'.

Publications

- (1) *Surgical treatment of prosthetic valve endocarditis in patients with double prostheses: is single-valve replacement safe?* European Journal of Cardio-thoracic Surgery 2010; 37:159-62
- (2) *The impact of hospital-acquired infections on the microbial etiology and prognosis of late-onset prosthetic valve endocarditis.* Chest 2005 Aug; 128(2):764-71.
- (3) *Melorreostosis: Presentation of a Case and Review of the Literature.* Spanish Journal of Metabolic Bone Diseases 2001; 10(2):50-5.

Presentations at Scientific Meetings

- (1) June 2022, *ShuttleScope, a novel laryngoscope: One-handed endotracheal intubation is possible.* EuroAnaesthesia Conference 2022, Milan. Italy.
- (2) October 2021, *Airway Shield, a novel protection barrier to protect clinicians while intubating patients with COVID-19 or other respiratory diseases.* European Society of Intensive Care Medicine (ESICM) Conference 2021, Digital Conference.
- (3) December 2020, *Shuttlescope®, a novel laryngoscope. One-handed endotracheal intubation makes a difference by allowing continuous suction.* European Society of Intensive Care Medicine (ESICM) Conference 2020, Digital Conference.
- (4) November 2020, *ShuttleScope, a novel laryngoscope. Is one-handed endotracheal intubation feasible?* EuroAnaesthesia Conference 2020, Digital Conference.
- (5) July 2004, *The impact of age on the evolution of HIV infection and its implication on antiretroviral therapy efficacy and tolerance, in the era of HAART.* XV International AIDS Conference, Bangkok. Thailand.
- (6) June 2004, *Hypersensitivity pneumonitis caused by indoor moulds.* 23rd Congress of the European Academy of Allergology and Clinical Immunology, Amsterdam. Holland.
- (7) May 2004, *Prevalence of natural immunization against hepatitis A virus in patients with HIV infection in Madrid.* XI Congress of the Spanish Society of Infectious Diseases and Clinical Microbiology, Bilbao. Spain.
- (8) May 2004, *Evolution of the infection by the HIV and effectiveness and tolerance of the treatment in patients over 60 years, before and after the era of the triple therapy.* XI Congress of the Spanish Society of Infectious Diseases and Clinical Microbiology, Bilbao. Spain.
- (9) October 2003, *Atherosclerotic pathology in patients in haemodialysis: Analysis of correlations.* XXXIII National Congress of the Spanish Society of Nephrology, Palma de Mallorca. Spain.
- (10) October 2003, *Ventricular pathology in patients in haemodialysis: Analysis of correlations.* XXXIII National Congress of the Spanish Society of Nephrology, Palma de Mallorca. Spain.
- (11) September 2003, *Clinical, analytical, and etiological significance of cardiac tamponade in patients with pericardial effusion.* 4th European Federation of Internal Medicine Congress, Berlin. Germany.
- (12) June 2003, *Surgical treatment of infectious endocarditis in patients with mitral and aortic prosthetic valves: Is replacement of both valves needed.* 7th International Symposium on Modern Concepts in Endocarditis and Cardiovascular Infections, Chamonix. France.
- (13) June 2003, *The changing epidemiology of prosthetic valve endocarditis.* 7th International Symposium on Modern Concepts in Endocarditis and Cardiovascular Infections, Chamonix. France.
- (14) November 2002, *Cardiac Amyloidosis in man of 53 years with fatal evolution.* XXV National Congress of the Spanish Society of Internal Medicine, Madrid. Spain.
- (15) November 2002, *Abdominal pain as form presentation of infection by the Varicella-Zoster Virus in immunocompetent patient.* XXV National Congress of the Spanish Society of Internal Medicine, Madrid. Spain.
- (16) February 2002, *Constitutional syndrome, and Nodule in the Neck.* IV Symposium of the Madrid Society of General Practitioners, Madrid. Spain.
- (17) May 2001, *Syncope in daily practice.* 3rd European Federation of Internal Medicine Congress, Edinburgh. United Kingdom.
- (18) November 2000, *Intestinal Pneumatosis and Gas in the Portal System.* XXIV National Congress of the Spanish Society of Internal Medicine, Zaragoza. Spain.
- (19) November 2000, *Syncope: Our Clinical Experience.* XXIV National Congress of the Spanish Society of Internal Medicine, Zaragoza. Spain.

MEDICAL LICENSING AUTHORITIES AND PROFESSIONAL ORGANISATIONS

Registered Specialist (Intensive Care). MEDICAL BOARD OF AUSTRALIA
 Since 03/2011. Registration Number 1618330

Registered Specialist (Internal Medicine). GENERAL MEDICAL COUNCIL (UK)
 Since 12/2006. Registration Number 6154120

Registered Specialist (Internal Medicine). MEDICAL COUNCIL (SPAIN)
Since 07/2004. Registration Number 283904359

Fellow. COLLEGE OF INTENSIVE CARE MEDICINE OF AUSTRALIA AND NEW ZEALAND (CICM)

Memberships

- Australia and New Zealand Intensive Care Society (ANZICS)
- European Society of Intensive Care Medicine (ESICM)
- European Society of Anaesthesia and Intensive Care (ESAIC)
- Society of Critical Care Medicine (SCCM)
- Society for Airway Management (SAM)

Instructor

- Advance Paediatric Life Support (APLS) Australia
- Advance Life Support (ALS) – Australian Resuscitation Council (ARC)
- Emergency Management of Severe Trauma (EMST) Australia

SCHOLARSHIPS, RESEARCH GRANTS AND INNOVATION GRANTS

2022

EMPRENDE XXI INNOVATION AWARD
Caixa Foundation. Santander. SPAIN

2018

BUILDING BETTER FUTURES FOR HEALTH INNOVATION AWARD
IDE+. Sydney. AUSTRALIA

2017

IGNITE IDEAS INNOVATION GRANT
Queensland Government. AUSTRALIA

2002 and 2004

RESEARCH GRANT
Medical Council of Madrid. SPAIN

1984-1985, 1985-1986, 1986-1987

BANK OF SANTANDER BOTIN FOUNDATION SCHOLARSHIPS FOR UNIVERSITY STUDIES
Bank of Santander. SPAIN

OTHER INTERESTS AND ACTIVITIES

I do enjoy spending time with my family and outdoor sports and activities, like hiking, swimming, surfing and skiing. I am also passionate about photography and travel.