

# **Curriculum Vitae**

**DR DAVID RUSSELL BLACK BHB, MBChB, DIH, FAFOEM, MARPS, MRSNZ**

Occupational & Environmental Physician  
Registered Medical Practitioner in NZ (#12796)  
Registered Specialist in Occupational Medicine (NZ)

## **ADDRESSES:**

Practice      Auckland Medical Specialists  
                  183 Gillies Avenue, Epsom 1023  
Postal         PO Box 99-354, Newmarket, 1149

## **CURRENT ACADEMIC APPOINTMENT**

Honorary Senior Lecturer in Environmental Medicine  
Faculty of Medical and Health Sciences  
University of Auckland

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## **EDUCATION:**

Takapuna Grammar School, 1962-65.  
Auckland Technical Institute, 1966-68 and 1971.  
University of Auckland, School of Medicine, 1977-82.  
University of Otago, School of Medicine, 1986 (Postgraduate).

## **PROFESSIONAL QUALIFICATIONS:**

B.H.B., (Auckland), 1980.  
M.BChB., (Auckland), 1983.  
DIH., (Otago), 1988.  
Registered Medical Practitioner NZ 1983-current, in good standing.  
Fellow of The Australasian Faculty of Occupational Medicine (FAFOM) (RACP) 1995  
Fellow of The Australasian Faculty of Occupational & Environmental Medicine (FAFOEM)  
(RACP) 2007

## **CAREER HISTORY:**

### **Electronics**

Technical Trainee NZBC 1966-68  
Registered Radio & Trade Certificate 1970  
Electronic technician and designer 1971-1974

### **Medical Training**

#### Medical Student

Entered Auckland University as 1st year medical student in March, 1977.  
BHB 1980  
MBChB 1983

Junior Physician 1983-1986 (NZ & Scotland)

### **Occupational & Environmental Physician**

#### University Lecturer

Lecturer in Occupational Health (7/10th),  
University of Otago Medical School, 1986-1989.  
Senior Lecturer in Occupational Medicine  
Faculty of Medical & Health Sciences, University of Auckland (1997-current)

#### Occupational Physician

#### Regional Medical Officer (Northern)

Air New Zealand Limited, February 1989-1993.

### **Specialist Occupational and Environmental Physician**

#### Chief Medical Officer (Occupational Medicine)

Air New Zealand Ltd 1993-1997

#### Founding Director & Consultant Occupational & Environmental Physician

NZ Institute of Occupational & Environmental Medicine (1997-2002)  
Enviromedix Ltd (2007-current)

#### Founding Director and Principal

iTmedical Ltd (1996-current)

#### Director iTmedical Project

Auckland Unservives Ltd (University of Auckland) (2005-2007)

#### Consultant and Expert Witness in Occupational Medicine and Electromagnetic Safety

Accepted by NZ District Court, NZ Employment Court and Environment Courts NZ, NSW, Victoria and Queensland as expert in Occupational Medicine and electromagnetic safety.

#### Ministerial Appointment (Transport)

Deputy Medical Convenor (Aviation) 2007-2009

## **AREAS OF SPECIAL INTEREST**

Clinical Occupational Medicine

Transport medicine

Electropathology and non-ionising radiation and electromagnetic energy (EME)

Radio-frequency Safety

Information Technology Medicine

Aviation Medicine

## **MEMBERSHIPS AND HONORARY APPOINTMENTS**

Member International Commission on Occupational Health (ICOH), Geneva, 1986-current.

Elected member of ICOH Specialist Committee of Electropathology (Paris), 1987.

Elected Member of ICOH Specialist Committee on Radiation and Work (Montreal 1990 – current)

Public Health Member on NZ Standards Committee for RF Standard NZS6609 (1990 - 1993)

Public Health Member (NZ) on Joint NZ Standards Committee for RF Standard

NZS6609/AS2772 (1993 - 1998)

(Nominated by North Health)

Admitted Member Australasian Radiation Protection Society (MARPS) (1997)

Admitted Member Bioelectromagnetics Society (1997)

Nominated as Australasian representative at WHO Roundtable Meeting on RF Standards, Zagreb, Croatia, November 1998 (& subsequent similar WHO meetings to 2007)

Appointed consultant to Australian RF Working Group to develop Australian Standard RPS3 (published 2003)

Elected Secretary of ICOH Committee on Radiation and Work (Singapore August 2000)

Elected NZ Regional Secretary of ICOH Committee on Radiation and Work

Admitted member of IEEE committee SCC-28, October 2000

Appointed Consultant Member of ICNIRP February 2001

Appointed member Interagency Committee Electromagnetic Fields (NZ Ministerial Advisory Committee)

Elected Board Member Bioelectromagnetics Society 2008

## **PUBLICATIONS**

Waipuna Omnibus (Editor) (1997)

Substantial Contributor to NZ Standard NZS2772 (1999), *New Zealand Standard*

*Radiofrequency Fields Part 1 - Maximum Exposure Levels - 3 kHz to 300 GHz*

Contributor to "Fitness for Work," Cox & Edwards (2000)

Substantial Contributor to Australian Standard RPS3 (2002), ARPANSA, *Australian*

*Radiation Protection Standard for Maximum Exposure Levels to Radiofrequency Fields -3kHz to 300GHz*

*Thermoregulatory Responses to RF Energy Absorption*, Adair & Black (Bioelectromagnetics Supp 6, 2003)

*Radiofrequency (RF) effects on blood cells, cardiac, endocrine, and immunological functions.*

Black & Heynick (Bioelectromagnetics Supp 6, 2003)

## **RECREATIONAL INTERESTS**

Railway history (Currently Chairman of Glenbrook Vintage Railway Charitable Trust Board)

Model engineering (Past Vice President Auckland Society of Model Engineering)

Photography (Member Photographic Society of New Zealand)

Science & technology in society (Member Royal Society of NZ (MRSNZ))

Local history (Involved in Epsom History Project)

