

# **Prof. Raina MacIntyre**

**Head, School of Public Health and Community Medicine & Professor of Infectious Diseases Epidemiology at University of New South Wales**

Sydney, New South Wales, AU

Prof. MacIntyre is an international expert in infectious diseases, vaccinology (especially for the elderly) and biosecurity.

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## **Biography**

Prof. Raina MacIntyre (MBBS Hons 1, M App Epid, PhD, FRACP, FAFPHM) is Head, School of Public Health and Community Medicine, UNSW and Professor of Infectious Diseases Epidemiology. She leads a research program in control and prevention of infectious diseases, spanning epidemiology, risk analysis, vaccinology, mathematical modelling, public health and clinical trials. She has an interest in health ageing, equity of healthcare for the elderly and ethics surrounding these issues. Prof. MacIntyre has over 250 peer reviewed publications in medical journals and sits on national and international expert committees in infectious diseases. She has received many awards including the Sir Henry Wellcome Medal and Prize from the Association of Military Surgeons of the US, The Frank Fenner Award for Research in Infectious Diseases, and the PHAA National Immunisation Award. Prof. MacIntyre is best known for research in the detailed understanding of the transmission dynamics and prevention of infectious diseases, particularly respiratory pathogens such as influenza, as well as vaccination and vaccine-preventable infections. She is an international leader in adult and elderly vaccination. She currently heads a NHMRC Centre for Research Excellence titled 'Immunisation in under studied and special risk populations: closing the gap in knowledge through a multidisciplinary approach?'. Within this, she also leads the stream on frail elderly vaccination. She is also a founding director of ARM, which provides field epidemiology infectious diseases response capacity to the Asia-pacific region, and also leads a new NHMRC Centre for Epidemic Response.

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## **Industry Expertise**

Education/Learning, Research, Elder Care, Health and Wellness, Public Policy, Health Care - Providers

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## **Areas of Expertise**

Vaccination, COVID-19, Biosecurity, Epidemic Response and Emerging Infectious Diseases, Vaccinology, Personal Protective Equipment, Coronavirus

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## **Affiliations**

Fellow: Royal Australian College of Physicians, Fellow: Australian Faculty of Public Health Medicine, Fellow: Royal Society of New South Wales

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## **Sample Talks**

### **Elderly vaccination**

Workshop on Elderly Vaccination, 2014, Melbourne  
<https://www.youtube.com/watch?v=Ohalm1O5CSc>

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### **Event Appearances**

#### **Elderly vaccination**

Australian Primary Care Nursing conference 2016

#### **Emerging Bioterrorism Threats**

POlice TEchnology Forum

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### **Education**

#### **Royal Australasian College of Physicians**

FRACP, FAFPHM Medicine, Public Health

#### **The Australian National University**

M App Epid, Ph.D. Epidemiology

#### **University of Sydney**

MBBS Hons1 Medicine

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### **Accomplishments**

#### **PHAA National Immunisation Achievement Award**

2014

#### **Peter Baume Public Health Impact Prize**

2014

#### **UNSW Medicine Dean's Award**

2012

#### **Sir Henry Wellcome Medal and Prize**

2007

#### **The Frank Fenner Award for Advanced Research in Infectious Diseases**

2003

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