

**September 14 and 15 2015 (9:00am – 4:30pm)**  
**UNSW Kensington Campus, Sydney, NSW 2052**  
**Day 1: Tyree Room, Scientia Building, Day 2: Room 305 Samuels Building**



The UNSW SPHCM and the Australian Response MAE network (ARM) welcome you to a workshop on maintaining measles elimination in Australia.

### Background

In 2014, the World Health Organization (WHO) announced that measles elimination had been achieved by Australia – a success of the National Immunisation Program which has ensured high levels of measles vaccination coverage since the measles control campaign of 1998. Despite the elimination of endemic measles in Australia, there remains a risk of importation from countries experiencing transmission. Measles remains a global problem, particularly in Asia, with travel being a major vector for importation into Australia. Movement of people between Australia and New Zealand also appears to contribute to measles epidemics. The larger and longer than usual measles outbreaks in recent years in Australia have heightened the need to close the immunity gaps; with young adults, unimmunised children and selected culturally and linguistically diverse groups being the main risk groups. The uncertainty around waning measles immunity and recent serosurvey results are also of potential concern to maintaining measles elimination in Australia.

### Day 1 – Measles elimination in Australia – policy, surveillance and research

Keynote speaker [Dr. Kathleen Harriman](#), Chief of Vaccine Preventable Diseases, Epidemiology Section of Immunization Branch, California Department of Public Health. She will speak on Disneyland measles outbreak and measles control in the USA.

Dr Tomasz Kiedrzyński, Principal Advisor, Communicable Diseases team, Public Health, Clinical Leadership, Protection & Regulation, Ministry of Health New Zealand, and guest speakers from Australia.

Breakout sessions - Policy, surveillance & research.

### Day 2 - Hands on skills development in measles outbreak investigation

Aim: to provide measles first line responders with outbreak investigation training using case based scenarios, focusing on data collection, analysis and interpretation.

Who: priority will be given to ARM network members.

**REGISTER HERE (Free entry)**

For further information, please visit [SPHCM website](#) or contact Dr Alexander Rosewell at [a.rosewell@unsw.edu.au](mailto:a.rosewell@unsw.edu.au), +61 2 93853942

## Measles Workshop program Day 1: 14 September 2015

Venue: Tyree Room, Scientia Building, UNSW Kensington Campus, Sydney

8:30	Registrations opens
9:00	<b>Welcome to country - Aunty Ali Golding</b> , Elder in Residence, Faculty of Medicine, UNSW
9:05	<b>Welcome (opening address) - Professor Raina MacIntyre</b> , Head, School of Public Health and Community Medicine, UNSW & Director, NHMRC CRE Immunisation
9:10	<b>Disneyland measles outbreak and measles control in the USA - Dr Kathleen Harriman</b> , Chief of Vaccine Preventable Diseases, Epidemiology Section of Immunization Branch, California Department of Public Health
9:30	<b>Global epidemiology, and experiences from other countries – Dr Alexander Rosewell</b> , Senior Lecturer, School of Public Health and Community Medicine, UNSW
Epidemiology and current issues: Chair - Prof David Durrheim	
9:50	<b>Measles in Australia and genetic epidemiology – Dr Julian Druce</b> , head, Virus Identification Laboratory, Victorian Infectious Diseases Reference Laboratory and <b>Dr Nicolee Martin</b> Assistant Director, Vaccine Preventable Diseases Surveillance Section, Office of Health Protection, Department of Health
10:10	<b>South west Sydney measles outbreak and specific risk groups – Dr Stephen Conaty</b> , Director, Public Health Unit, South Western Sydney Local Health District
10:30	<b>Challenges of measles control in New Zealand and New Zealand, Australia measles transmissions – Dr Tomasz Kiedrzyński</b> , Principal Advisor, Communicable Diseases team, Public Health, Clinical Leadership, Protection & Regulation, Ministry of Health New Zealand
10:50	Morning Tea
Epidemiology and current issues part 2: Chair - Prof Robert Booy	
11:10	<b>Enhanced national surveillance, concept for defining elimination of measles - Dr Anita Heywood</b> , Senior Lecturer, School of Public Health and Community Medicine, UNSW
11:30	<b>Serosurveys of measles: program evaluation and trends in immunity – Dr Heather Gidding</b> , Senior Research Fellow, School of Public Health and Community Medicine, UNSW
11:50	<b>Modelling and estimation of risk - Dr James Wood</b> , Senior Lecturer, School of Public Health and Community Medicine, UNSW
12:10	Lunch Lunch time facilitated discussion - <b>National and jurisdiction approaches to issues around measles immunisation- Communicable disease network Australia (CDNA) - jurisdiction representatives</b> <b>Chair – Dr Mark Veitch</b> , Acting Director of Public Health, Department of Health and Human Services Tasmania & Chair of CDNA
13:30	Break-out groups session: 'Maintaining elimination status'  <u>Groups:</u> <b>Policy gaps: Chair - Professor Peter McIntyre</b> , Director of NCIRS <b>Research gaps : Chair - Professor Margaret Burgess</b> , Professor of Paediatrics and Child Health, University of Sydney and the Children's Hospital at Westmead <b>Gaps and opportunities in routine data collections : Chair - Dr Vicky Sheppard</b> , Director, Communicable Disease Branch, NSW Health
15:20	Groups feed back and discussion
16:00	Wrap up – Professor Raina MacIntyre
16:30	Closing

**Measles Workshop program Day 2: 15 September 2015, 9:00 am to 4 pm**  
**Venue: Room 305, Samuels Building, School of Public Health and Community Medicine (SPHCM), Gate 11 UNSW Kensington Campus, Sydney**

Please join us for a day of learning about measles outbreak investigation, prevention and control through a series of case studies and interactive lectures. The case studies will enable discussion around measles case definitions and the advantages and disadvantages of using a sensitive and/or specific case definition in an epidemic investigation; calculations using real outbreak data to determine vaccine efficacy and discuss its interpretation; and discussion relating to the advantages and limitations of changing the recommended target age for administering vaccinations.

The afternoon sessions will provide hands on opportunities for participants to perform mathematical modelling in Microsoft Excel to inform prevention and control decisions, enable discussions around challenges and opportunities for measles control in developing countries and in culturally diverse and minority communities within Australia. The sessions will be facilitated by senior SPHCM staff with extensive experience in measles outbreak investigation, surveillance, modelling and prevention and control in Australia and internationally.

Facilitators

**Professor Raina MacIntyre**, Head, School of Public Health and Community Medicine , UNSW & Director, NHMRC CRE Immunisation

**Dr Alexander Rosewell**, Senior Lecturer School of Public Health and Community Medicine, UNSW

**Dr James Wood**, Senior Lecturer, School of Public Health and Community Medicine, UNSW

**Dr Rob Menzies**, Senior Research Fellow, School of Public Health and Community Medicine, UNSW

**Dr Mohamud Sheikh**, Senior Lecturer, School of Public Health and Community Medicine, UNSW

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