

# ANNA REYNOLDS

## CAREER OBJECTIVES

To apply the skills acquired during my education and employment experience to important public health issues and provide leadership to a dedicated team with opportunities to learn from and mentor others.

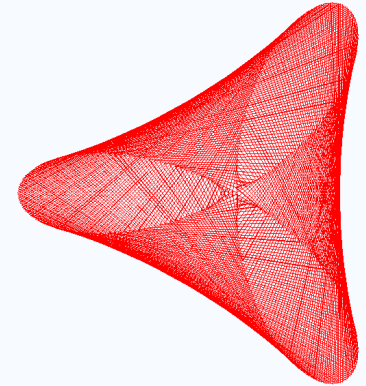
Apply epidemiological and statistical techniques to effectively conduct disease surveillance at the national level, and assist in the development of policies to improve the health and wellbeing of Australians.

## WORK EXPERIENCE

- Executive level 1 Senior Project Manager/Analyst**  
Australian Institute of Health and Welfare 📍 Canberra, Australia  
· Burden of Disease and Mortality Unit (current)
- APS 6 Manager/Analyst**  
Australian Institute of Health and Welfare 📍 Canberra, Australia  
· Cardiovascular, Diabetes and Kidney Unit
- Graduate**  
Australian Institute of Health and Welfare 📍 Canberra, Australia  
· Cardiovascular, Diabetes and Kidney Unit
- Postdoctoral Research Associate**  
Scripps Research Institute 📍 San Diego, USA
- Postdoctoral Research Fellow**  
Friedrich Miescher Institute 📍 Basel, Switzerland

## EDUCATION

- Master of Applied Epidemiology**  
Australian National University 📍 Canberra, Australia
- PhD (Medical Science)**  
Australian National University 📍 Canberra, Australia
- B. Sci. (Hons)**  
Australian National University 📍 Canberra, Australia
- Bachelor of Appl. Sci. (Medical Laboratory Science)**  
University of Canberra 📍 Canberra, Australia



## CONTACT

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## SKILLS

SAS  
Tableau  
SQL  
R  
Microsoft Office  
Photoshop & Illustrator

Project management

Analysis of large linked administrative data sets

Subject-matter expertise in:

Burden of disease  
Mortality in Australia  
Cardiovascular disease  
Diabetes  
Influenza and respiratory disease

## SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2019 ● **Changes in disease burden over time in Australia, 2003–2015**  
AEA conference - Brisbane  
· Oral presentation
- 2019 ● **Burden of tobacco use in Australia: Australian Burden of Disease Study 2015**  
AIHW
- 2019 ● **Australian Burden of Disease Study: impact and causes of illness and death in Australia 2015**  
AIHW
- 2017 ● **Exploring the effects of transfers and readmissions on trends in population counts of hospital admissions for coronary heart disease: A Western Australian data linkage study**  
BMJ Open  
· Authors: Lopez D, Nedkoff L, Knuiman M, Hobbs MS, Briffa TG, Preen DB, Hung J, Beilby J, Mathur S, Reynolds A, Sanfilippo FM
- 2017 ● **Incidence of suicide in serving and ex-serving Australian Defence Force personnel: detailed analysis 2001–2015.**  
AIHW  
· Cat. no. PHE 218
- 2017 ● **Deaths among people with diabetes in Australia, 2009–2014.**  
AIHW  
· Cat. no. CVD 79
- 2016 ● **Is the incidence of heart attack still decreasing in Australia? Developing reliable methods for monitoring trends in myocardial infarction and coronary heart disease (AUS-MOCHA): a study protocol.**  
BMJ Open  
· Authors: Nedkoff L, Knuiman M, Hobbs MS, Hung J, Mathur S, Beilby J, Reynolds A, Briffa TG, Lopez D, Sanfilippo FM
- 2016 ● **Use of medicines by older people with type 2 diabetes.**  
AIHW  
· Cat. no. CVD 76

- 2011 ● **Clinical and epidemiological profile of patients with severe H1N1/09 pandemic influenza in Australia and New Zealand: an observational cohort study**  
BMJ Open  
· Authors: Cheng AC, Kotsimbos T, Reynolds A, Bowler SD, Brown SG, Hancox RJ, Holmes M, Irving L, Jenkins C, Thompson P, Simpson G, Waterer G, Wood-Baker R, Kelly PM.
  
  - 2011 ● **FluCAN 2009: initial results from sentinel surveillance for adult influenza and pneumonia in eight Australian hospitals.**  
Medical Journal of Australia 194(4):169-74  
· Authors: Kelly PM, Kotsimbos T, Reynolds A, Wood-Baker R, Hancox B, Brown SG, Holmes M, Simpson G, Bowler S, Waterer G, Irving LB, Jenkins C, Thompson PJ, Cheng AC.
  
  - 2010 ● **An outbreak of gastroenteritis due to Salmonella Typhimurium phage type 170 associated with consumption of a dessert containing raw egg.**  
Comm. Dis. Intell. 34:329-333  
· Authors: Reynolds A, Moffatt CRM, Dyda A, Hundy R, Kaye,A, Krsteski R, Rockliff,S, Kampen R, Kelly PM, O'Brien, E.
- Complete list available upon request

## GRANTS

- 2018 | 2015 ● **Is the incidence of heart attack still decreasing in Australia? Developing more reliable methods for monitoring trends in myocardial infarction and coronary heart disease.**  
NHMRC Project Grant  
· Associate Investigator
  
- 2009 ● **Establishing a rapid alert system for severe respiratory illness in adults: The FluCAN surveillance system**  
H1N1 Influenza 2009 NHMRC research grant
  
- 2009 ● **Transmission dynamics of H1N1 variant in households and schools**  
H1N1 Influenza 2009 NHMRC research grant

## PROFESSIONAL REFEREES

Available on request

First author paper resulting from an outbreak investigation conducted during my Master of Applied Epidemiology studies.

H1N1 NHMRC grants received to establish the FluCAN sentinel surveillance system during the 2009 pandemic. This system continues to run each year providing important information about Influenza in Australia.

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Last updated on 2019-12-13.