



RACP Foundation Research Awards

FINAL REPORT

Project / Program Title		Paediatric Clinical Infectious Diseases Fellowship, University of British Columbia and British Columbia Children's Hospital, Vancouver, Canada.
Name		Dr Joshua Osowicki
Award Received		2015 Richard Kemp Memorial Fellowship
Report Date		1 August 2018
Funding Period	Start Date:	1 March 2015
	Finish Date:	31 December 2016

PROJECT SUMMARY

I completed my post-fellowship RACP Infectious Diseases training at UBC/BCCH in Vancouver over almost two years, training in a wide variety of clinical settings include paediatric and adult hospital wards and outpatient clinics, microbiology laboratories, a public health unit, provincial tuberculosis clinics, and antimicrobial stewardship teams. I also attended a number of national and international Infectious Diseases meetings and courses during this period.

PROJECT AIMS / OBJECTIVES

The main objective was to complete my Infectious Diseases training and return to Australia to work as a Paediatric Infectious Diseases consultant and pursue a higher research degree. I am now employed as a consultant at Monash Children's and Royal Children's Hospitals in Melbourne, and am undertaking a PhD at the Murdoch Children' Research Institute as a student of the University of Melbourne.

SIGNIFICANCE AND OUTCOMES

My time in Vancouver has set me up for my continuing clinical and research work. My research involves establishing an innovative clinical trials platform in Melbourne, building a controlled human infection model of group A Streptococcus pharyngitis. This platform will be used for future trials of candidate vaccines and therapeutics to prevent mortality and morbidity across the spectrum of GAS diseases, including mild infections such as pharyngitis and impetigo, severe infections such as toxic shock syndrome and necrotising fasciitis, and immunological complications such as glomerulonephritis and acute rheumatic fever leading to rheumatic heart disease.