

Biography:

Dr. Lim is a Consultant Psychiatrist in Psychotraumatology and the Chief Medical Officer of the Zed3 Medical Group, which includes the ReVive Ketamine program and multidisciplinary centre with specialists in Paediatrics, Nursing, Psychiatry and Psychology. His main responsibilities are to develop and maintain an evidence-based approach for the centre which has resulted in the construction of an integrative model of administrative and clinical care for current and former serving Military members and Emergency Services.

Dr. Lim's main area of research interest is in 'Next Step Treatments' where conventional psychotherapeutics have failed to produce functional gain. His current investigation is in the area of ketamine augmented by an integrated multidisciplinary approach. Zed3 Medical Group started the ReVive Ketamine Program which has been ongoing in clinical delivery since November 2019. Dr. Lim leads the ReVive Ketamine program which brings together a number of core disciplines for the safe delivery of the medication, and supported by a collaboration of domestic and international experts from well-known institutions including UQ, Yale, Baylor and ESTSS. On the basis of excellent patient care, attention to safety protocols, interdisciplinary work with Physicians, and exceptional patient outcomes, Dr Lim has been invited to brief several senior clinicians and ministers.

Corresponding author name: Alexander Lim

Corresponding author email:
jaimie@zedthree.com.au

Vector Surveillance and its application in the Australian Defence Force – does it have a Future?

Major Lisa Rigby¹, Major Chris Peatey²

¹ 2nd Health Battalion - Australian Army, ENOGGERA, Australia

² Australian Defence Force Malaria and Infectious Disease Institute, ENOGGERA, Australia

Maintaining the health of Defence personnel is at the core of every member in every department of Military Medicine. This is no different for the strange few amongst us, who have chosen a path of Vector-Borne Disease Research in which to dedicate our careers. So often have our fellow serving members raised their eyebrows in disbelief when we explain that we were employed within defence to operate as

an entomologist or a parasitologist. During moments of self-reflection, we often ask ourselves if scientific research in the ADF has its place now and into the future and how do we sell our specialty to the younger generation to ensure continuity in our profession in the ADF. During this presentation, we will share our experiences as research scientists within the ADF and discuss our true belief of its applicability into the future not only as a means of Force Health Protection, but also as capacity builders for our nearest allies.

ADFMIDI currently has projects to undertake vector-borne disease surveillance in PNG, Sabah in Malaysia and potentially a new project in Timor-Leste in the near future. ADFMIDI also partners with the US-DOD to trap mosquitoes on ADF training areas where US troops regularly deploy on exercises. Currently, capacity building with neighbouring Defence forces is occurring in PNG and the Solomon Islands with plans to increase this to Timor-Leste.

Biography:

Major Lisa Rigby enlisted in the Australian Army as a Scientific Officer in 2012. Major Rigby has over ten years' experience in mosquito research and has used this to strengthen the collaborative efforts between the Australian Defence Force Malaria and Infectious Disease Institute (ADFMIDI), other Australian Defence Force (ADF) units and Vector Control Officers in the Solomon Islands, Papua New Guinea and New Zealand. Major Rigby is the lead instructor on Vector-Borne Disease Surveillance and Control courses for international Force Health Protection units and government-employed Vector Control Officers across Australia and the Pacific. Major Rigby is currently posted to 2nd Health Battalion as Battalion Second in Command.

Major Chris Peatey enlisted in the Australian Army as a Scientific Officer in 2013. Major Peatey has over 17 years' experience in Malaria research and has recently been involved in mosquito research. In his 10 years working in Defence, Major Peatey has worked collaboratively with PNGDF, Malaysian Defence Force as well as the Timor Leste Defence Force, to build capacity and strengthen cooperation between these groups. Major Peatey is currently posted as the Head of Vector and Surveillance Control Department at ADFMIDI.

Corresponding author name: Lisa Rigby

Corresponding author email:
lisa.rigby@defence.gov.au