### 55th Symposium Scientific Program
#### Medical Society of Papua New Guinea
**1st - 6th September, 2019**
Hilton Hotel, Port Moresby

#### Sunday 1st September 2019
- **0900-1800** Registration for symposium participants  Hilton Hotel
- **1900-1915** Welcome  Chair of Symposium Organising Committee  Ms Cathy Johnyson
- **1915-1930** Speech  Hon Minister for Health and HIV/AIDS  Mr Elias Kapavore
- **1930-2130** Meet and Greet.

#### Monday 2nd September 2019
- **08-00** Procession
  - Opening prayer
  - Welcome address  Prof N Tefuarani  President of the Medical Society
  - Patron’s Welcome Speech  Hon Richard Maru  Minister for Planning.
  - Opening of Symposium  Hon James Marape  Prime Minister of Papua New Guinea.
- **0900-1000** Session 1. Medical Education and Universal Health Coverage
  - Chair  Prof Nakapi Tefuarani
  - Keynote Speaker 1.  Universal Health Coverage by 2030: What can Medical Schools Contribute?  Prof Richard Murray
  - Keynote Speaker 2.  What are the Western Pacific Association for Medical Education and the World Federation for Medical Education?  Why do they matter?  Prof Peter Ellis
- **1000-1030** Session 2. Training the Medical Workforce to meet PNG’s needs
  - Chairs  Assoc. Prof Victor Temple and Dr. David Mills
  - Health manpower needs: an overview.  Mr Pascoe Kase  Secretary for Health
  - The Divine Word University’s MBBS programme- the hurdler’s perspective  Dr. Harry Aigeeleing
- **1100-1130** Session 3.  Undergraduate Education in Medicine and Health Sciences.
  - Chairs, Dr. Lucy John and Dr. Paul Pumuye
  - Realignment as National Institutions to address the worsening Human Development Index and National Health Indicators in an Independent Papua New Guinea  Dr. John Tonar
  - Guest Speaker  Encouraging a rural workforce: insights from three medical schools.  Dr. Sneha Kirubakaran
  - Models for expansion of doctor training in PNG  Prof Glen Mola
- **1145-1200** Guest Speaker  Cooperation or incorporation: Hospitals and Universities  Dr. Carl Adams
- **1200-1300** Lunch
- **1300-1315** Who are our students in the SMHS MBBS curriculum? A student profile.  Dr. Francis Pulsan
- **1315-1330** Predictors of performance of MBBS students at the School of Medicine and Health Sciences UPNG  Dr. Clare Tomidia-Lokes
- **1330-1345** Does the SMHS PBL MBBS programme prepare students for residency?  Dr. Francis Pulsan
- **1345-1400** Age of onset of English Language Acquisition on MBBS students' academic performance  Ms Olga Temple
- **1400-1415** Active Learning in Medical education: a case study of a Medical faculty in Papua New Guinea.  Prof Jerzy Kuzma
- **1415-1430** Health sciences education now and in the future  Mr. George Gani
- **1430-1445** Pain in undergraduate and postgraduate curricula  Dr. Gertrude Marum
- **1445-1500** Discussion
- **1500-1530** Session 4. Panel Discussion
  - Moderator.  Prof Sir Isl Kevau
  - Meeting the Challenges  DHERST, Prof Murray, Prof Ellis,, Secretary for Health, Medical Board, National Doctors Association.
- **1700-1845** Reception and signing of MOA between Australasian College of Emergency Medicine and UPNG.

#### 1900-2200 Welcome Dinner  Patron  Hon. Richard Maru  Minister for Planning.
Tuesday 3rd September 2019

Session 1. Postgraduate Training: Building the Human and Technical Resources

Chairs Dr. Dobunaba and Dr. Dora Lenturut

0800-0830 The Role of the Australasia/New Zealand colleges in postgraduate education in PNG and the Pacific
Dr. D Watters, Dr. S Juckins.

Dr. V Roach, Dr. Rod Mitchell.

0845-0900 Enhancement of training for eye health in Papua New Guinea through collaboration
Dr. Simon Matengas

0900-0915 The need for innovative approaches to oral health education in PNG
Dr. Simon Matengas

0915-0930 Human capacity building at the PNG Institute of Medical Research and what it means for National Health Research
Dr. L Crocombe

0930-0945 Strengthening outbreak response and health security through an intervention based Field Epidemiology Training Programme
Mr. B. Ropa

0945-1000 How technology is reshaping the rural health paradigm
Dr. David Mills.

10-10:30 Morning Tea

Session 2. Updates in PNG Public Health

Chairs Dr. Wesong Boko and Dr. Fiona Kupe

1030-1045 Outbreak response to c0VID-19 in PNG
Dr. D. Sattelt

1045-1100 Measuring the social and financial consequences of tuberculosis for affected patients and their households in PNG
Dr. Paul Asa

1100-1115 Estimating the patterns of causes of death in PNG
Dr. U Kitar

1115-1130 Incidence of hypertension and sociodemographic predictors of hypertension in East New Britain
Dr. S. Mahk

1130-1145 High incidence of pre-treatment HIV drug resistance in Papua New Guinea: results form a national survey
Dr. J. Gare

1145-1200 Identifying and ranking the potential drivers of low birthweight in a longitudinal clinical cohort study in East New Britain.
Dr. M. Soulier

1200-1230 Lunch

Session 3 A. Concurrent Obstetrics, Child Health and Rehabilitation

Chairs Dr. Arthur Elijahj and Dr Gwenda. Anga

1300-1315 The aetiology of pneumonia and meningitis in hospitalised children from Eastern Highlands Province
L. Yuasa

1315-1330 Point of care testing and treatment of STIs to improve birth outcomes in high burden settings. The WANT-AIM trial.
Dr. M. Rodol

1330-1345 Safety and efficacy of oral misoprostol for the induction of labour in Papua New Guinean women: a randomised controlled trial
Dr. J. Ibinga

1345-1400 Simplified management protocol for term neonates after prolonged rupture of membranes in a setting with high rates of neonatal sepsis and mortality
Dr. D. Oita

1400-1415 Retinitis of Prematurity at Port Moresby General Hospital
Dr. M. Mangot

Dr. C. Mond

1430-1445 A retrospective observational study of characteristics of inpatients receiving rehabilitation services in WNB Provincial Hospital
Ms T. Saito

1445-1515 Afternoon Tea

Session 3 B. Concurrent Tuberculosis

Chairs Dr. Rende Moke and Dr. Steven Bogasia

1300-1315 The social determinants of tuberculosis treatment adherence in a remote region of Papua New Guinea
Robert Dowd

1315-1330 Integration of family focused education and counselling in Dau TB Preventive Therapy programme
Allan Kuma

1330-1345 Yield of contact tracing at Tabubil Hospital, Western Province
Robert Robert

1345-1400 Pilot implementation of Community Based Household Contact Screening and Preventive Therapy in Dau
Bisato Gula

1400-1415 Drug resistant tuberculosis diagnosis since Xpert MTB/RIF introduction in Papua New Guinea
Dr. Erelv Lavu

1415-1430 Non compliance of N95 Respirator at acute TB ward Port Moresby General Hospital
Dr. N. Tumu

1430-1445 A retrospective observational study of characteristics of inpatients receiving rehabilitation services in WNB Provincial Hospital
Mr. T. Saito

1445-1515 Afternoon Tea

Session 4 A. Concurrent Vector Borne Diseases

Chairs Dr. Moses Laman and Dr. Meri Kende

Tama Kotesia.

1530-1545 Insecticide resistance status of Aedes aegypti and Aedes albopictus mosquitoes in Papua New Guinea
Dr. D. Demok

1545-1600 Field evaluation of highly sensitive diagnostic methods for detection of malaria infections in pregnancy in Papua New Guinea
Dr. B. Kumbat

1600-1615 Optimisation of a membrane feeding assay to study malaria transmission in Papua New Guinea
Dr. L Timinou

1615-1630 Pharmacokinetic study of co-administration of albendazole, diethyl carbamazine, ivermectin and azithromycin.
Dr. L. John

Session 4 B. Concurrent Vector Borne Diseases Point of Care Testing

Chairs Dr. Willie Pomat and Dr. David Linge

1515-1530 Fine-scale lymphatic filariasis microfilariae and risk factor mapping in a highly endemic village in the Madang province of PNG
Dr. M. Susuapu

1530-1545 Longitudinal malaria morbidity surveillance in four sentinel sites in four geographical regions of Papua New Guinea.
Dr. D. Tsimi

1545-1600 Coverage and usage of long lasting insecticide treated nets after two years of a mass distribution campaign
Rebecca Galsong

1600-1615 Evaluating bio-efficacy and usage of long lasting insecticidal nets in Papua New Guinea
Dr. R. Vinit

1615-1630 Portable, molecular point of care testing in Papua New Guinea: a much needed and rapidly changing landscape
Dr. S. Badman

1630-1830 MEDICAL SOCIETY OF PAPUA NEW GUINEA ANNUAL GENERAL MEETING.

1800-2200 Presidents Dinner Hilton Hotel
## Medical Society of Papua New Guinea
### 55th Symposium Scientific Program
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**Hilton Hotel, Port Moresby**

**Wednesday 4th September 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1.</th>
<th>Health Education for All in PNG 1: Changing Behavior through Interventions</th>
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<tbody>
<tr>
<td>0800-0820</td>
<td>Chairs Dr. Merrilyn Mathias and Dr. Paul Sali</td>
<td>Health education, promotion and disease prevention work! Can we apply more of these to improve health of all people in Papua New Guinea? Prof Georgia Guldan</td>
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<td>0820-0835</td>
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<td>Small steps, big leaps: innovative solutions for sustainable impact. Dr. Ghyanashyam Sethy</td>
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<td>0835-0850</td>
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<td>Using facebook as a public health education tool to help oral cancer outcomes and prevention in PNG Dr. Barry Reed</td>
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<td>0850-0905</td>
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<td>The use of telemedicine in rural and remote health care in PNG Dr. Mere Kende</td>
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<td>0905-0920</td>
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<td>Knowledge of danger signs and planning for obstetric emergencies during pregnancy, delivery and postpartum AN Wilson</td>
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<td>0920-0950</td>
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<td>Promoting postnatal care along with umbilical chlorhexidine in East New Britain Province Melepia Pu</td>
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<td>0950-1005</td>
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<td>A health systems approach to assessing and improving quality of BCG vaccination coverage in South Fly district LM Vallely</td>
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<td>1005-1030</td>
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<td>Fundal height and early ultrasound assessment to determine gestational age</td>
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<tr>
<th>Time</th>
<th>Session 2.</th>
<th>Health Education for All in PNG 2: Changing the Underlying Health Context</th>
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<tbody>
<tr>
<td>1030-1045</td>
<td>Chairs Dr. Pauline Wake and Dr. Sibauk Bieb.</td>
<td>Failure to meet Millennium Development Goal 4: Universal Education NB Pham</td>
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<td>1045-1100</td>
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<td>Infectious diseases at primary health facilities in PNG N Abori</td>
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<td>1100-1115</td>
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<td>Water and sanitation: implications for health education R Emori</td>
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<td>1115-1130</td>
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<td>Food insecurity among children under five years of age and implications for health education in PNG VD Silas</td>
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### 1130-1230 RECOMMENDATIONS AND RESOLUTIONS

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<tr>
<th>Time</th>
<th>Lunch</th>
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<tr>
<td>1230-1300</td>
<td>NDA Annual General Meeting.</td>
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<td>1330-1630</td>
<td>Cultural Night and Dinner Hilton Hotel</td>
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