



CARIBBEAN PUBLIC HEALTH AGENCY
58th Annual CARPHA (CHRC) Scientific Meeting
Hilton Barbados Resort – Barbados
May 2 – 4, 2013

Programme

Monday April 29, 2013

8:00 am **CARPHA Basic Monitoring and Evaluation Workshop**

Tuesday, April 30, 2013

8:00 am **CARPHA Basic Monitoring and Evaluation Workshop**

8:00 am **CARPHA Data Analysis Using STATA Workshop**

8:00 am **International Workshop on Alzheimer's Disease**

Wednesday, May 1, 2013

8:00 am **CARPHA Research to Policy Meeting**

8:00 am **CARPHA Basic Monitoring and Evaluation Workshop**

8:00 am **CARPHA Data Analysis Using STATA Workshop**

8:00 am **International Workshop on Alzheimer's Disease**

8:00 am **NIH/NCI Cancer Registry Meeting**

Thursday May 2, 2013

Session 1

Opening Session

Chairpersons: M Fredericks, E Ferdinand
Needham Ballroom 1 and 2

8:00 am **Feature Lecture 1**
"Facing the CNCD epidemic in developing countries:
Community based participation research"
R Wilks

(O – 1) 8:45 am **Nutritional status, knowledge, practices and lifestyle characteristics among Turks and Caicos Islands elementary school children**
S Malcolm, S Handfield, M Williams, TE Maitland

(O – 2) 9:00 am **Is the standard of acute stroke care in Barbados in keeping with evidence-based recommendations? An investigation of 2009 national registry data**
AS Harewood-Marshall, T Blackman, DOC Corbin, T Martelly, KS George, AJM Hennis, IR Hambleton, AMC Rose

(O – 3) 9:15 am **Factors affecting survival of women diagnosed with breast cancer: A 10-year multivariate study in Trinidad and Tobago**
A Butan, V Tripathi, R Antoine

- (O – 4) 9:30 am **Testosterone deficiency is a possible risk factor for priapism associated with sickle cell disease**
B Morrison, M Reid, W Madden, Z Feng, A Burnett
- (O – 5) 9:45am **Reduced haptoglobin bioavailability inhibits the expression of a cytoprotective monocyte population in sickle cell disease**
KR Quimby, S Moe, I Sealy, C Nicholls, IR Hambleton, RC Landis
- (O – 6) 10:00 am **In vitro activities of fluoroquinolones entrapped in non-ionic surfactant vesicles against ciprofloxacin-resistant bacteria strains**
S Jankie, L Pinto Pereira, Y Clement, P Akpaka, G Pillal, S Adebayo
- 10:15 am **COFFEE BREAK/POSTERS/EXHIBITS**

Session 2

Child Health 1

**Chairpersons: MA St John, D Jefferson
Needham Ballroom 1 and 2**

- 11:00 am **Feature Lecture 2**
“Promoting child development: The role of the health sector”
SP Walker
- (O – 7) 11:45 am **Caregiver training benefits the development of children aged 6–42 months living in child care institutions in Jamaica**
D Stephenson, C Powell, S Chang, S Walker
- (O – 8) 12:00 pm **Parental knowledge of child development in clinic attendees in three Caribbean countries**
SM Chang, A Powell, F Lopez-Boo, SM Grantham-McGregor, SP Walker
- (O – 9) 12:15 pm **Academic performance in children with sickle cell disease in Jamaica**
L King, S Bortulosso-Ali, S Chang-Lopez, M Reid
- (O – 10) 12:30 pm **Prevalence of overweight and obesity and associated modifiable risk factors among children 6–10 years old in the North East Health Region, Jamaica**
BE Blake-Scarlett, N Younger-Coleman, CA McKenzie, R Wilks, J Van den Broeck, C Powell
- (O – 11) 12:45 pm **Diet, physical activity, weight status and culture among 9–11 year olds in Barbados: A pilot study**
PS Gaskin, P Lai, D Guy, J Knight, M Jackson, AL Nielsen
- 1:00 pm **LUNCH**
Sponsor: Baptist Health
- Moving towards a culture of health**
L Holzwarth
Needham Ballroom 3

Session 3a

Concurrent

Child Health 2

**Chairpersons: M Thame, S Ramsewak
Needham Ballroom 1**

- (O – 12) 2:00 pm **Prevalence and secular trend of severe congenital defects among the newborn in Barbados – the need for clinical-epidemiological surveillance**
K Singh, C Greaves, L Mohammed, A Kumar

- (O – 13) 2:15 pm **Regaining of birth weight and subsequent growth velocity in neonates**
J Seesahai, L Gabay, H Trotman, N Younger, M Thame
- (O – 14) 2:30 pm **Baseline measures and changes in the prevalence of child underweight, overweight and obesity between 1981 and 2010: Results from the Barbados Children's Health and Nutrition Study (BCHNS)**
M Fernandez, S Kubow, K Gray-Donald, J Knight, P Gaskin
- (O – 15) 2:45 pm **The prevalence of elevated blood pressure in adolescents in Nassau, The Bahamas**
C Conliffe, C Hanna-Mahase, M Frankson, F Smith, M Orihaki
- (O – 16) 3:00 pm **Effect of a controlled intervention of healthy lifestyles, via infusion of the primary school curriculum, on knowledge attitudes practices and beliefs among primary school children in Trinidad and Tobago**
DD Ramdath, C Henry, K Cheong, B Kalyn, S Mangroo, D Ramdath, S Nurse
- (O – 17) 3:15 pm **Prevalence of anaemia and the dietary intake of children ages 5–9 years in Trinidad and Tobago**
W Moumena, M Webb, I Granderson, V Martina, L Phillip, K Gray-Donald
- (O – 17a) 3:30 pm **Suicide ideation among adolescents in Trinidad and Tobago: Protective and risk factors**
CM Wilson, LC Wilson
- 3:45 pm **COFFEE BREAK/POSTERS/EXHIBITS**
- Session 3b** Concurrent **Communicable Diseases**
Chairpersons: RC Landis, K Springer
Sponsor: Johali Medical, Inc
Needham Ballroom 2
- (O – 18) 2:00 pm **Changing trends in dengue fever in the English and Dutch-speaking Caribbean, 1980–2011**
EV Boisson, A Valadere, S Quesnel, A George, L Edwards, V Morris-Glasgow, L Boodram, R Salas
- (O – 19) 2:15 pm **Epidemiological trends and clinical manifestations of dengue among children in Barbados**
A Kumar, M Gittens-St Hilaire, C Ugwuagu, AL Nielsen
- (O – 20) 2:30 pm **Helicobacter pylori infection in Montserrat: An assessment of the epidemiological factors associated with infection**
I Buffonge, G West, J Lee
- (O – 21) 2:45 pm **Phage typing of Salmonella enteritidis in selected English and Dutch-speaking Caribbean countries, 2005–2012: The changing epidemiology of foodborne infections**
L Indar, L Francis, R Singh, L Boodram
- (O – 22) 3:00 pm **The burden and impact of acute gastroenteritis and foodborne diseases in the Caribbean**
L Indar
- (O – 23) 3:15 pm **Norovirus outbreak: An emerging public health threat in the Caribbean with implications for small tourist dependent economies such as the Turks and Caicos Islands**
S Handfield, S Malcolm, S Ramkallowan, K Neely, N Astwood, TE Maitland
- 3:30 pm **COFFEE BREAK/POSTERS/EXHIBITS**

- Session 4a** *Concurrent* **Non-communicable Diseases 1**
Chairpersons: AL Patrick, G Nicholson
Needham Ballroom 1
- (O – 24) 4:00 pm **All-cause and cervical cancer mortality by ethnicity in Belize, 2008–2010**
F Morey, IR Hambleton, TA Samuels
- (O – 25) 4:15 pm **Rural/urban differences in the clinico-pathologic profiles of Jamaican men with prostate cancer: A comparative retrospective case series**
WD Aiken, K Jones, K James
- (O – 26) 4:30 pm **The epidemiology of prostate cancer among men in Western Jamaica**
M Aung, M Howard, S Dotson, J Keenan, P Jolly
- (O – 27) 4:45 pm **Prostate cancer knowledge, attitudes and practices among men in Western Jamaica**
T Anderson, T Wallace, M Aung, P Bessler, P Jolly
- (O – 28) 5:00 pm **Complementary use of herbs and functional foods by cancer patients in Trinidad**
V Mahase, A Jagroop, K Kissoon, A Maharaj, P Mathura, C Mc Quan, C Mohammed, D Ramadhin, YN Clement
- Session 4b** *Concurrent* **Family Health 1**
Chairpersons: B Irons, I Potter
Needham Ballroom 2
- (O – 29) 4:00 pm **What is in your baby? Assessing prenatal exposures and potential health outcomes to persistent organic pollutants, pesticides and heavy metals in 10 Caribbean countries**
M Forde
- (O – 30) 4:15 pm **Prevalence of group B streptococcus colonization in pregnant women in The Bahamas**
NR Graham, VP Sakharkar, MA Frankson, J Johnson, K Saunders
- (O – 31) 4:30 pm **Knowledge and perceptions of HPV and the HPV vaccine among pre-adolescent girls and their guardians in Georgetown, Guyana**
E Tyrell, K Ramsammy-Boyce
- (O – 32) 4:45 pm **The need for a sexual and reproductive health literacy strategy for Eastern Caribbean youth: A literature review and focus group discussions with young people in four countries**
CF Allen, K Thomas-Purcell, D Gibbons
- (O – 33) 5:00 pm **Sexual violence and its consequences in Haiti**
MM Deschamps, J Devieux, H Theodore, MI Christophe, JW Pape

Friday May 3, 2013

7:00 am **Grant Proposal Writing**
D Ramdath
Needham Ballroom 3

Chairpersons: N Persaud, E Walrond

8:00 am **Feature Lecture 3:**
“Virtual elimination of vertical transmission of HIV and syphilis in the Caribbean”
C Christie-Samuels
Needham Ballroom 1

- Session 5a** *Concurrent* **HIV**
Chairpersons: N Persaud, E Walrond
Needham Ballroom 1
- (O – 34) 8:45 am **Outcome of HIV infected pregnant women and their offspring: A 5-year study**
MA St John, F Denny, D Babb
- (O – 35) 9:00 am **10-year national HIV viral load trends in Barbados: Implications for treatment as prevention**
RC Landis, S Branch Beckles, S Crichlow, IR Hambleton, A Best
- (O – 36) 9:15 am **Nurses’ interaction with HIV patients: the influence of social contact, fear, empathy, occupational risk, systemic support and support for mandatory testing**
J Philip, RP Yearwood
- (O – 37) 9:30 am **Prevalence of intimate partner violence among HIV positive and HIV negative pregnant women in Trinidad and Tobago**
A Jaggat, S Bahadursingh, A Lum Lock, M Cruickshank, T Nicholas, Z Ali
- (O – 38) 9:45 am **Prevalence of and risk factors for syphilis among HIV- infected patients attending the outpatient clinics at Princess Margaret Hospital, Nassau, The Bahamas**
JO Rodgers, MA Frankson, H Orlander, S Pinder-Butler, C Hanna-Mahase, P Gomez
- 10:00 am **COFFEE BREAK/POSTERS/EXHIBITS**
- Session 5b** *Concurrent* **Non-communicable Diseases 2**
Chairpersons: N Unwin, H Fraser
Needham Ballroom 2
- (O – 39) 8:45 am **Association between obesity and impaired glucose tolerance among high school adolescents in New Providence, Bahamas**
K Rivers, C Hanna-Mahase, M Frankson, F Smith, S Peter
- (O – 40) 9:00 am **Evaluation of pulmonary dysfunction among persons with Type 2 diabetes in Trinidad**
C Guerra, S Cummings, J Bisnath, C Maxwell, D Deane, F Khan, S Warris, SM Sakamuri, BS Nayak
- (O – 41) 9:15 am **Management guidelines for Type 2 diabetes: Toward a sustainable evidenced based approach of Type 2 diabetes management in public primary care in Barbados**
H Forde, M Marshall, A Nielsen
- (O – 42) 9:30am **Inpatient diabetes care at the Queen Elizabeth Hospital in Barbados**
C Taylor, M Krimholt, K Belgrave, I Hambleton
- (O – 43) 9:45 am **Non-invasive vascular scanning techniques in the investigation of the diabetic foot**
AR Greenidge, AP Browne, KR Quimby, RC Landis
- 10:00 am **COFFEE BREAK/POSTERS/EXHIBITS**
- Chairpersons: DD Ramdath, M Coombs**
Needham Ballroom 1
- 10:45 am **Feature Lecture 4**
“Achieving healthy growth in childhood”
A Jackson

- Session 6a** *Concurrent* **Metabolism**
Chairpersons: DD Ramdath, M Coombs
Needham Ballroom 1
- (O – 44) 11:30 am **Leonotis nepetifolia leaf extracts as a hepatoprotective agent against the harmful effects of acetaminophen-induced toxicity in mice**
A Williams, YN Clement, S Nayak, AVC Rao, E Uchee-Nwache
- (O – 45) 11:45 am **Effect of high glucose on the expression of genes and proteins involved in insulin signalling in cardiomyocytes**
S Singh, DD Ramdath
- (O – 46) 12:00 pm **Cardiovascular structure and function in adult survivors of severe acute malnutrition**
I Tennant, AT Barnett, DS Thompson, J Kips, MS Boyne, EE Chung, AP Chung, C Osmond, MA Hanson, PD Gluckman, P Segers, JK Cruickshank, TE Forrester
- (O – 47) 12:15 pm **Programming of lean body mass and resting metabolic rate in healthy Jamaican children**
C Taylor-Byran, A Badaloo, M Boyne, C Osmond, TE Forrester
- (O – 48) 12:30 pm **Effects of methionine supplementation on cysteine and glutathione production in malnourished children**
AV Badaloo, CO Green, JW Hsu, C Taylor-Bryan, M Reid, TE Forrester, F Jahoor
- 12:45 pm **IAEA Presentation**
N Mokhtar
- 1:15 pm **LUNCH**
Sponsors: Nuetera; Merck, Sharp and Dhome
- Session 6b** *Concurrent* **Family Health 2**
Chairpersons: K Broome, S Persaud
Needham Ballroom 2
- (O – 49) 11:30 am **Jamaicans living with sickle cell disease: What do they know about SCD?**
M Asnani, M Anderson
- (O – 50) 11:45 am **Sickle cell disease: A risk factor for fatal dengue fever in the 2012 epidemic in Jamaica – A preliminary report**
A Rankine-Mullings, JM Knight-Madden, M MooSang, OL Lynch, M Reid
- (O – 51) 12:00 pm **Impact of a comprehensive sickle cell centre on early childhood mortality in a developing country: The Jamaican experience**
L King, S Bortulosso-Ali, C Cunningham-Myrie, M Reid
- (O – 52) 12:15 pm **Measuring perinatal and under-five mortality in Jamaica: Quality and completeness of vital data**
A McCaw-Binns, J Mullings, Y Holder
- (O – 53) 12:30 pm **Leading causes of death in the English- and Dutch-speaking Caribbean during the period 2000–2008**
S Quesnel, E Boisson, R de Souza, A Hinds, E Bissessarsingh, B Irons
- (O – 54) 12:45 pm **Socio-economic differences in mortality among adults in The Bahamas**
N Brathwaite

- (O – 55) 1:00 pm **Allostatic load in Jamaicans: Sex differences and variability across neighbourhoods**
C Cunningham-Myrie, E Mabile, I Govia, N Younger, M Tulloch-Reid, S McFarlane, D Francis, G Gordon-Strachan, R Wilks, K Theall
- 1:15 pm **LUNCH**
Sponsors: Nueterra; Merck, Sharp and Dhome

Saturday May 4, 2013

Session 7

Non-communicable Diseases 3
Chairpersons: CJ Hospedales, T Hassell
Needham Ballroom 1 and 2

- (O – 56) 8:30 am **Do neighbourhood environments contribute to ethnic differences in obesity, physical activity and dietary habits?**
OR Molaodi, AH Leyland, E Ellaway, A Kearns, S Harding
- (O – 57) 8:45 am **Approaches to the early detection of breast cancer in a middle income country: Rates and determinants of self, clinical and radiographic breast examination in Dominica**
N Wallace-Carbon, N Unwin
- (O – 58) 9:00 am **Is calcium associated with risk of prostate cancer in Jamaican men?**
MD Jackson, MK Tulloch-Reid, FI Bennett, KCM Coard, ND McFarlane-Anderson
- (O – 59) 9:15 am **Sexual behaviours and urologic characteristics associated with prostate cancer risk in Barbados**
AJM Hennis, SY Wu, B Nemesure, MC Leske for the Prostate Cancer in a Black Population Group
- (O – 60) 9:30 am **The prostate cancer screening controversy: Justification for screening in Tobago and in similar Afro-Caribbean/African populations**
AL Patrick, CH Bunker
- (O – 61) 9:45 am **Fifteen year preliminary mortality follow-up of the Tobago Prostate Cancer Survey**
CH Bunker, RJ Phillips, AL Patrick
- (O – 62) 10:00 am **Arterial calcification in Afro-Caribbean men from Tobago**
AL Kuipers, JM Zmuda, CH Bunker, AL Patrick, I Miljkovic
- (O – 63) 10:15 am **Natural history and magnitude of changes in skeletal muscle adipose tissue infiltration with ageing in Afro-Caribbean men: Longitudinal data from the Tobago Health Study**
I Miljkovic, AL Kuipers, Y Sheu, CH Bunker, AL Patrick, JM Zmuda
- (O – 64) 10:30 am **Glomerular filtration rate estimating equations in SS disease**
MR Asnani, ME Reid
- 10:45 am **COFFEE BREAK/POSTERS/EXHIBITS**

Session 8

Mental Health

Chairpersons: E Le Franc, A Misir

Needham Ballroom 1 and 2

- (O – 65) 11:15 am **Exposure to community violence and associated symptoms of psychological trauma among adolescents in New Providence, Bahamas**
L Rolle-Smith, D Curtis-Downes, MA Frankson, C Hanna-Mahase, S Pinder-Butler
- (O – 66) 11:30 am **Longitudinal patterns of psychosocial distress in the Determinants of Young Adult Social well-being and Health (DASH) cohort study in London, UK: Implications for qualitative sampling and interview**
UM Read, O Molaodi, K Maxwell, S Harding
- (O – 67) 11:45 am **Effect of traffic pollution and psychosocial stress on ethnic differences in respiratory health in adolescence**
T Astell-Burt, M Maynard, E Lenguerrand, MJ Whitrow, S Harding
- (O – 69) 12:00 pm **Association of depression symptoms and high body mass index in 15–19-year old Jamaican adolescents**
S McFarlane, N Younger, D Francis, G Gordon-Strachan, M Tulloch-Reid, R Wilks
- 12:15 pm **Feature Lecture 5**
“The lasting effects of abuse and violence on mental health and relationships”
G Wyatt
- 1:00 pm **Presentation of Prizes and Closing Remarks**
DT Simeon

