



CARIBBEAN PUBLIC HEALTH AGENCY
61st ANNUAL CARPHA HEALTH RESEARCH CONFERENCE
Beaches Turks and Caicos Resort Villages and Spa
Providenciales, Turks and Caicos Islands
June 23 – 25, 2016

Programme

Saturday, June 18, 2016

8:00 am ***Risk Communication Meeting (closed)***

Sunday, June 19, 2016

8:00 am ***Risk Communication Meeting (closed)***

Monday, June 20, 2016

8:00 am ***24th Meeting of the CARICOM Chief Medical Officers (closed)***
8:00 am ***Data Analysis Training Workshop***
8:00 am ***M&E Basic Workshop (closed)***
8:00 am ***Cancer Registry Workshop (closed)***

Tuesday, June 21, 2016

8:00 am ***24th Meeting of the CARICOM Chief Medical Officers (Closed)***
8:00 am ***Data Analysis Training Workshop***
8:00 am ***M&E Basic Workshop (closed)***
8:00 am ***Cancer Registry Workshop (closed)***

Wednesday, June 22, 2016

8:00 am ***CARPHA Research to Policy Meeting (closed)***
8:00 am ***Data Analysis Training Workshop***
8:00 am ***M&E Basic Workshop (closed)***

Thursday, June 23, 2016

Session 1 ***Opening Session – Young Researchers***
 Chairpersons: M Fredericks, M Thame
 East Caicos

(O – 1) 8:00 am ***Reversing Type 2 Diabetes in the Caribbean: Preliminary findings from a feasibility study in Barbados***
 A Greenidge, K Bynoe, C Taylor, M Murphy, M Abed, R Taylor, N Unwin

(O – 2)	8:15 am	<i>The efficacy of premarin versus ketoconazole on prostate-specific antigen responses in castrate-resistant prostate cancer in Jamaica</i> <i>A Condappa, M Gossell-Williams, W Aiken</i>
(O – 3)	8:30 am	<i>Analysing the HIV care cascade: A site-level examination of viral load suppression in Kingston, Jamaica</i> <i>GJ Barrow, ML Brandeau</i>
(O – 5)	8:45 am	<i>Anaemia in young children living in the Surinamese interior: The influence of age, nutritional status and ethnicity</i> <i>CWR Zijlmans, A Stuursma, A Roelofs, B Jubitana, MS MacDonald-Ottevanger</i>
	9:00 am	<i>Feature Lecture 1</i> <i>“Social determinants of health and the health disparity paradigm in the Caribbean context”</i> <i>R Wilks</i> <i>East Caicos</i>
	9:45 am	<i>COFFEE BREAK/POSTERS/EXHIBITS</i>
Session 2a	Concurrent	<i>Public Health 1</i> <i>Chairpersons: N Astwood, P Adams</i> <i>East Caicos</i>
(O – 6)	10:30 am	<i>Depression among tertiary education students in a developing country</i> <i>A Hosein, C Jagessar, S Hassranah, A Hazel, T Hernandez, A Hosein, R Jack, G Indoi</i>
(O – 7)	10:45 am	<i>Smoke-free legislation in Barbados: Compliance among hospitality venues</i> <i>C Thomas-Louis, NC Unwin</i>
(O – 8)	11:00 am	<i>Household food security, HIV knowledge and dietary patterns among Trinidadian adults: A cross-sectional study</i> <i>C Blades, KD Rocke, AN Ramcharitar-Bourne</i>
(O – 9)	11:15 am	<i>From past to present: 100 years of public health practice in Trinidad</i> <i>K Mungrue</i>
(O – 10)	11:30 am	<i>Public versus private healthcare – Views of doctors, nurses and the public</i> <i>S Pooransingh, B Deonarine, I Dialsingh</i>
(O – 11)	11:45 am	<i>Saving the prostate: Predictive factors for participation in prostate cancer screening among older men in Trinidad and Tobago</i> <i>A Joseph, KD Rocke, NO Dalrymple</i>
(O – 12)	12:00 pm	<i>Why SINBAD? Describing diabetic foot ulcers in a Barbados population</i> <i>AR Greenidge, AP Browne, KR Quimby, RC Landis</i>
(O – 13)	12:15 pm	<i>Spirometry quality control: Man versus machine</i> <i>S Sakhamuri, F Lutchmansingh, L Coneyyette, T Seemungal</i>
(O – 13 A)	12:30 pm	<i>Non-alcoholic fatty liver disease among adult survivors of severe acute malnutrition</i> <i>DS Thompson, IA Tennant, D Soares, T Royal-Thomas, CD Byrne, TE Forrester, MS Boyne</i>
	12:45 pm	<i>LUNCH</i>

Session 2b	Concurrent	Maternal and Child Health Chairpersons: D Perry-Ewing, M Forde West Caicos
(O – 14)	10:30 am	Clinical audit of referrals for sexual abuse among females ages 13–19 years attending the Agape Family Medicine Clinic, Nassau, Bahamas, 2011–2015 <i>V Darling, J Edwards-Rowlands, D Gallagher, M Nottage, L Stubbs, S Pinder-Butler, F Williams, C Farquharson, M Frankson</i>
(O – 15)	10:45 am	Determinants and correlates of unintended pregnancy in polyclinic patients in Barbados: Patient and provider insights and the implications for health policy, service design and delivery <i>H Harewood, N Unwin</i>
(O – 16)	11:00 am	Influences in the pattern of contraceptive decision-making among married women in Haiti: Evidence from the 2012 Demographic and Health Survey <i>CA Glover-Walton</i>
(O – 17)	11:15 am	Correlates of pelvic floor disorders in women 50 years and over attending gynaecology and urology clinics in Kingston, Jamaica <i>D Willie-Tyndale, W Aiken, D Eldemire-Shearer</i>
(O – 18)	11:30 am	Trends in maternal mortality in St Vincent and the Grenadines: A 10-year review based on the annual perinatal audit data <i>S Slater, R Adams</i>
(O – 19)	11:45 am	Risk factors for postpartum depression among women attending postnatal clinic in Kingston, Jamaica <i>A Shury, M Harris</i>
(O – 20)	12:00 pm	Breastfeeding support at work: A comparison between career women in the public and private sectors in Trinidad and Tobago <i>S Beckford, A Lendor, M Dowrich, M Webb, S Bawa</i>
(O – 21)	12:15 pm	Fatherhood in St Kitts: Patterns and predictors of partnership and paternal dynamics in a Caribbean island <i>P Gray, E Brown</i>
	12:30 pm	LUNCH
Session 3a	Concurrent	Public Health 2 Chairpersons: L Indar, S Persaud East Caicos
(O – 22)	1:30 pm	Estimating the prevalence of depression in a sample of Type 2 diabetic patients in Trinidad <i>J Philip, A Baksh, A Moonsammy, A Rodney, C Attai, D Billy, V Ramdass, R Yearwood</i>
(O – 23)	1:45 pm	Can arterial wave augmentation in young adults account for variability of cardiovascular risk in different British ethnic groups? <i>L Faconti, M Silva, O Molaodi, ZE Enayat, A Cassidy, A Karamanos, U Read, P Dall, B Stansfield, S Harding, JK Cruickshank</i>
(O – 24)	2:00 pm	Peripheral arterial disease prevalence in a population-based sample of people with diabetes in Barbados <i>OP Adams, JR Herbert, N Unwin</i>

(O – 25)	2:15 pm	<i>Is there a difference in dietary habits and exercise between health and Non-health related groups?</i> <i>S Pooransingh, K Maynard, I Dialsingh</i>
(O – 26)	2:30 pm	<i>The role of the home environment in reducing depression</i> <i>SR McFarlane, RJ Wilks, DK Francis, NO Younger-Coleman</i>
	2:45 pm	<i>COFFEE BREAK/POSTERS/EXHIBITS</i>
Session 3b	Concurrent	<i>Communicable Diseases</i> <i>Chairpersons: K Polson-Edwards, M Frankson</i> <i>West Caicos</i>
(O – 27)	1:30 pm	<i>Exploring exposure and symptomatic differences of Chikungunya virus in the adult population of Grenada</i> <i>S Busch, S Bidaisee, C Hegamin-Younger, CNL Macpherson</i>
(O – 28)	1:45 pm	<i>Investigation of a pertussis outbreak in St Lucia</i> <i>M Francois, M Fredericks</i>
(O – 29)	2:00 pm	<i>Long-term and seasonal dynamics of dengue in Barbados</i> <i>A Kumar, G Benskin, C Best, K Morris, S Birch, K Krishnamurthy</i>
(O – 30)	2:15 pm	<i>Emergence of Chikungunya in St Lucia, March 2014–December 2014</i> <i>G Chery, N Unwin</i>
(O – 31)	2:30 pm	<i>Bacteriology and antibiogram of pathogens isolated from wound infections at Cheshire Hall Medical Laboratory, Turks and Caicos Islands</i> <i>LE Lyons-Dobney</i>
	2:45 pm	<i>COFFEE BREAK/POSTERS/EXHIBITS</i>
Session 4a	Concurrent	<i>Children and Adolescent Health</i> <i>Chairpersons: S Pooransingh, K George</i> <i>East Caicos</i>
(O – 32)	3:30 pm	<i>Keeping the score on child survival in Trinidad as we shift from Millennium Development Goal Four to Sustainable Development Goal Three</i> <i>K Balfour, C Bain, A Bates, H Baksh, B Baptiste, A Badall, A Bahadur, V Badasse, Q Bacchus, K Mungrue</i>
(O – 33)	3:45 pm	<i>The impact of a paediatric basic assessment and support in intensive care (BASIC) course in Barbados</i> <i>K Krishnamurthy, PM Lashley, K Morris</i>
(O – 34)	4:00 pm	<i>Early infant feeding and its risk of overweight/obesity in Montserrat</i> <i>A Gopal, G West, I Buffonge, E Rob</i>
(O – 35)	4:15 pm	<i>Morbidity and mortality of extremely low birthweight infants in a developing country: Experience from the sole neonatal intensive care unit in Barbados</i> <i>CV Browne, G Birchwood, PM Lashley</i>
(O – 35 A)	4:30 pm	<i>Obesity and other non-communicable disease risk factors and behaviours among Turks and Caicos Islands youth: Implications for public health intervention</i> <i>TE Maitland, S Handfield</i>

(O – 35 B)	4:45 pm	Barriers to parent-teen communication regarding sex in Providenciales, Turks and Caicos Islands <i>A Gardiner, A Bailey</i>
Session 4b	Concurrent	Living Healthy at All Ages Chairpersons: S Keizer-Beache, J Hospedales West Caicos
(O – 36)	3:30 pm	Uropathogens isolated in the population of St Vincent and the Grenadines: A survey and analysis of the organisms and antimicrobial resistance patterns exhibited between October 2013 and October 2015 <i>P Haftkowycz, D Santhosh, T Stanco, K Tehrani</i>
(O – 37)	3:45 pm	Prevalence of dementia in persons 70 years old and above in Trinidad <i>N Baboolal, G Davis, A McRae, R Stewart</i>
(O – 38)	4:00 pm	Chronic disease and health profile of the elderly in Trinidad in 2014 <i>G Davis, N Baboolal, A La Foucade, K Theodore, A McRae, R Stewart</i>
(O – 39)	4:15 pm	Acute pancreatitis at the University Hospital of the West Indies, Kingston, Jamaica – A seven-year retrospective review <i>GP Reid, EW Williams, DK Francis, MG Lee</i>
(O – 40)	4:30 pm	Assessment of perspectives and approaches to antimicrobial resistance in Grenada <i>LM Glasgow, S Fletcher, O Gabriel, M Forde</i>
(O – 40 A)	4:45 pm	Human immunodeficiency virus testing behaviours in a Turks and Caicos Islands sample <i>SD Malcolm, A Robinson</i>
	5:00 pm	End of Sessions
	6:30 pm	Opening Ceremony

Friday, June 24, 2016

	8:00 am	Feature Lecture 2 Chairperson: RW Ewing “Zika in Suriname” <i>M Van Dijk</i> <i>East Caicos</i>
	8:30 am	Panel Discussion on the Zika Virus in the Caribbean <i>M Van Dijk, K Polson-Edwards, CJ Hospedales, E Van Gorp (virtually)</i> <i>East Caicos</i>
Session 5a	Concurrent	Non-communicable Diseases 1 Chairpersons: M Lichtveld, R Wilks East Caicos
(O – 41)	9:15 am	Targeted education as a strategy for increasing compliance and effective control of chronic diseases such as Type 2 diabetes <i>VDB Mahadeo, MR Ramdeen, W Adu-Krow, H Chand, V Budhram-Mahadeo</i>
(O – 43)	9:45 am	Mental health expectancies in Latin America and the Caribbean <i>K Ashby-Mitchell, C Jagger, T Fouweather, KJ Anstey</i>

(O – 44)	10:00 am	Black heterogeneity in Cancer Mortality: The US, Haiti, Jamaica and other West Indian nations <i>PS Pinheiro, K Callahan, C Ragin, R Hage, T Hylton, E Kobetz</i>
	10:15 am	COFFEE BREAK/POSTERS/EXHIBITS
	10:45 am	Feature Lecture 3 Chairperson: D Ramdath “Nutrition: The nucleus of family health” <i>F Henry</i> <i>East Caicos</i>
	11:30 am	POSTERS
	12:30 pm	LUNCH Sponsor: Merck, Sharpe and Dohme Reflections Restaurant “HPV and Associated Cancers” <i>M Cashat</i>
Session 5b	Concurrent	HIV/AIDS Chairpersons: J St John, W Adu-Krow <i>West Caicos</i>
(O – 45)	9:15 am	Repeat Pregnancy study in HIV positive and negative women in selected health facilities in Regions 3, 4, 6 and 10 in Guyana, South America <i>W Adu-Krow, J Woolford, E Hamilton</i>
(O – 46)	9:30 am	Sexually transmitted infections among PLHIV attending the STI clinic in Trinidad <i>RJ Edwards, AQ Hinds, JP Figueroa</i>
(O – 47)	9:45 am	Quality of life and labour force participation in people living with HIV: The TREVI study in Barbados and The Netherlands <i>C Landis, MN Wagener, L van Dries, E van Gorp, V Layne</i>
	10:15 am	COFFEE BREAK/POSTERS/EXHIBITS
	10:45 am	Feature Lecture 3 Chairperson: D Ramdath “Nutrition: The nucleus of family health” <i>F Henry</i> <i>East Caicos</i>
	11:30 am	POSTERS
	12:30 pm	LUNCH Sponsor: Merck, Sharpe and Dohme Reflections Restaurant “HPV and Associated Cancers” <i>M Cashat</i>
Session 6a	Concurrent	Environmental and Occupational Health Chairpersons: C Landis, S Bidaisee <i>East Caicos</i>

- (O – 49) 1:30 pm ***Estimated effects of climate variables on transmission of malaria, dengue and leptospirosis within Georgetown, Guyana***
C Boston, R Kurup
- (O – 50) 1:45 pm ***Mercury pollution in Suriname – A threat to family health***
P Ouboter, W Hawkins, M Lichtveld
- (O – 51) 2:00 pm ***Prevalence of overweight and obesity, and intentions of healthcare workers of the public community clinics on New Providence, The Bahamas***
A Dorsett-Williams, M Frankson, C Chin, C Farquharson, S Pinder-Butler
- (O – 52) 2:15 pm ***Socio-economic health disparities in tobacco smoking among Afro-Caribbean adults: Findings from the Jamaica Health and Lifestyle Survey 2007–2008***
NR Bennett, TS Ferguson, NO Younger-Coleman, DK Francis, RJ Wilks, EN Harris, MY MacLeish, LW Sullivan

Session 6b Concurrent ***Social, Economic and Health Issues***
Chairpersons: F Pollard, G Hutchinson
West Caicos

- (O – 53) 1:30 pm ***The social and economic impact of rehabilitation and incarceration of drug users in Grenada***
S Giaquinto, C Hegamin-Younger
- (O – 54) 1:45 pm ***Treatment outcomes of substance abusing males who completed a 90-day residential treatment programme in Barbados***
J Griffith, J Carrington, D Scantlebury, K Beckles
- (O – 55) 2:00 pm ***An assessment of the impact of providing care to the elderly in their homes on quality of life***
M Ramdeen, W Adu-Krow, VDB Mahadeo
- (O – 56) 2:15 pm ***Estimated cost analysis for demand-driven family health outreaches in Guyana in 2014***
V Bachan, G Tatkan, W Adu-Krow
- (O – 56 A) 2:30 pm ***Gender-based violence and associated health outcomes against internally displaced women after the Haiti earthquake***
LJW Sutton, DW Campbell, HN Yarandi, DR Bertrand, TD Liburd
- 2:45 pm ***End of Sessions***
- 2:45 pm ***Tours***
- 6:30 pm ***Awards Banquet***

Saturday, June 25, 2016

Session 7a Concurrent ***The School Environment and Health***
Chairpersons: I McCartney, C Macpherson
East Caicos

- (O – 57) 9:00 am ***Mapping the school food environment in Dominica***
L Riley, C Henry, D Ramdath

(O – 59)	9:15 am	Mental health, sexual and reproductive health, substance use and connectedness among adolescents in the overseas Caribbean territories <i>S Caffè, S Munoz, CF Allen, S Jones, C Bianchessi, N Jack</i>
(O – 60)	9:30 am	Cardio-metabolic risk from early adolescence to early adulthood in an ethnically diverse British cohort <i>S Harding, M João Silva, OR Molaodi, Z E Enayat, A Cassidy, A Karamanos, UM Read, P Dall, B Stansfield, JK Cruickshank</i>
(O – 61)	9:45 am	Association between obesity and lung function among teenagers in Trinidad <i>D Khan, F Lutchmansingh, S Teelucksingh, L Pinto Pereria, S Pooransingh, S Nayak, V Tripathi, T Seemungal</i>
(O – 62)	10:00 am	Analysis of intervention and counselling for at-risk youth to reduce crime, violence and improve outcomes for the individual, the schools and the family <i>S Celestine, O Olusesis, M Chatoor</i>
	10:15 am	COFFEE BREAK/POSTERS/EXHIBITS
Session 7b	Concurrent	Non-communicable Diseases 2 Chairpersons: T Maitland, M Reid West Caicos
(O – 63)	9:00 am	Assessing violence and injury surveillance in the Caribbean <i>W Mueller, G Andall-Brereton</i>
(O – 64)	9:15 am	Changes in drug therapy and disease control in a subset of diabetic patients at public primary healthcare facilities in Trinidad <i>V Bradshaw, K Bobb, T Boodoosingh, H Boppana, C Brathwaite, K Bristol, M Browne, R Cabral, Y Clement</i>
(O – 65)	9:30 am	Incidence of mesothelioma in Trinidad and Tobago during the period of 2009–2014 and the demographic, aetiological and pathological characteristics of each case <i>A Karan, C Khan, R Kalliecharan, J Juman, R Kanhai, F Khan, T Seemungal</i>
(O – 66)	9:45 am	Non-communicable diseases in Guyana: Assessing progress in the implementation of World Health Organization global priorities and identifying emerging strategies for prevention and control <i>K Roberts</i>
(O – 67)	10:00 am	Prevalence of major cardiovascular risk factors in urban Suriname: The HELISUR study <i>FS Diemer, SM Baldew, GP Oehlers, GA van Montfrans, LM Brewster</i>
(O – 68)	10:15 am	Leading causes of cancer-specific mortality in the English and Dutch-speaking Caribbean region <i>H Razzaghi, S Quesnel-Crooks, R Sherman, R Joseph, B Kohler, M Ivey, G Andall-Brereton, B Edwards, M Saraiya</i>
	10:30 am	COFFEE BREAK/POSTERS/EXHIBITS

Session 8a	Concurrent	Communicable and Non-communicable Diseases Chairpersons: D Brathwaite, N Unwin East Caicos
(O – 70)	11:00 am	Getting to zero HIV in The Bahamas: Physicians' attitudes and practice regarding male circumcision C George, R Roberts, D Brennen, L Deveaux, S Read
(O – 72)	11:15 am	Is obesity a significant impacting factor of asthma control? CA Rampersad, C Ramsingh, T Razark, J Croft, S Rasmine, D Harripersad, M Ramsoomair, I Ramsaroop, L Pinto-Periera, T Seemungal, S Sakhamuri
(O – 73)	11:30 am	Population-based self-reported prevalence and management of Type 2 diabetes, hypertension and dyslipidaemia T Braithwaite, A Sharma, D Bartholomew, S Ramsewak, R Bourne, S Teelucksingh
(O – 73 A)	11:45 am	Explaining the trends in coronary heart disease mortality in Barbados: 1990–2012 NP Sobers-Grannum, J Critchley, TA Samuels, AMC Rose, S Capewell, M O'Flaherty, N Unwin
	12:15 pm	Feature Lecture 4 “Creating healthy communities and environments in small island developing states (SIDS) through public health leadership and evidence-based research” T Maitland East Caicos
	1:00 pm	Presentation of Prizes and Closing
Session 8b	Concurrent	Cancer Chairpersons: G Andall-Brereton, A Gordon West Caicos
(O – 74)	11:00 am	Trends in incidence and mortality of female breast cancer in Suriname for the period 1980–2014: Implications for the healthcare system ER Irving, E Th Dams, DRA Mans, MY Lichtveld
(O – 75)	11:15 am	Ethnic differences in cancer incidence among the Guyanese population ML Edwards, P Layne, YM Edwards, C Clementson, S Walrond, E Hamilton, N McKenzie, A Shury, S Bender
(O – 76)	11:30 am	A ten-year profile of cancer in Guyana from 2003–2012 ML Edwards, B Lachmansingh, P Layne, Y Edwards, C Clementson, S Walrond, E Hamilton, S Bender
(O – 77)	11:45 am	Human papillomavirus prevalence of high-risk types correlated with cervical pre-cancer and invasive cancer, sexual and reproductive health E Brown
(O – 78)	12:00 pm	Social determinants of prostate cancer in the Caribbean: A systematic review and meta-analysis CR Brown, SM Hercules, N Sobers-Grannum, MM Murphy, N Unwin, C Howitt, M Alvarado, IR Hambleton

- 12:15 pm ***Feature Lecture 4***
“Creating healthy communities and environments in small island developing states (SIDS) through public health leadership and evidence-based research”
T Maitland
East Caicos
- 1:00 pm ***Presentation of Prizes and Closing Remarks***