



66th ANNUAL CARPHA HEALTH RESEARCH CONFERENCE
AC HOTEL MARRIOTT
Kingston, Jamaica
September 15–17, 2022

DAY 1: Thursday 15th September, 2022

Session 1 OPENING SESSION

8:00 am FEATURE LECTURE 1

Title: The COVID-19 Pandemic in the Caribbean – Thirty (30) months and counting. Is it over?

Speaker: J. St. John

Chairperson:

Room: Rocksteady 2 & 3

8:45 am

Keynote Address:

Title: Using Digital Health to Improve Health Equity

Speaker: L. Pace

Chairperson:

Room: Rocksteady 2 & 3

9:45 am

COFFEE BREAK/ EXHIBITS

POSTER FORUM 1

Room: Rocksteady 2 & 3

Time

Session 2: Emerging Research Themes

Chairperson: D. Ramdath

Room: Rocksteady 2 & 3

10:30 am

(O-01) COVID-19 Vaccine Hesitancy in the Jamaican Populace: Prevalence and Associated Factors

P Thomas-Brown, D Wynter-Adams

10:45 am

(O-02) Perspectives of primary care providers and policy makers on the impact of COVID-19 on the health system in Dominica

K Celestine, H Harewood

11:00 am

(O-03) Psychological effect of COVID-19 on health care workers in primary care during the SARS-CoV-2 pandemic in Trinidad for the period March 2020 to March 2021

N.D. Maharaj

11:15 am

(O-04) The association of birth weight and body composition during Infancy in 1-year-old Jamaican children

P Hall, M Gossell-Williams, G Gordon-Strachan, M Thame

Time	Session 2: Emerging Research Themes
	Chairperson: D. Ramdath
	Room: Rocksteady 2 & 3
11:30 am	(O-05) Uncovering the driving forces behind the trend in coronary heart disease mortality in Barbados from 2009–2018 <i>F Carter, W Jones, NP Sobers</i>
11:45 am	(O-06) Assessment of pre-hospital measures on outcomes in snake envenomation <i>C Hatcher, N Nguyen, S Bidaisee</i>
12:00 noon	(O-07) A biological active enquiry of Tradescantia zebrina (Wandering Jew/ Red Watergrass) on blood glucose levels in normal Sprague-Dawley rats <i>S Newman, L Lindo, I Amarakoon</i>
12:15 pm	(O-45) An Investigative Study on the Perception and Acceptability of a COVID-19 Vaccine of the Public in Trinidad and Tobago <i>A Ali, A Dosumu, A Governor, A Manduru, A Mohammed, A Nabbie, A Paul, K. Roche, A Trim, J Mohan</i>
12:30 pm	LUNCH/POSTERS/EXHIBITS Room: Rocksteady 2 & 3
1:30 pm	FEATURE LECTURE 2: Title: Empowering local health care professionals to improve cure rates in children with cancer and blood disorders in the Caribbean: Lessons from the SickKids-Caribbean Initiative Presenter: V. Blanchette Chairperson: Room: Rocksteady 2 & 3
Time	Session 3: COVID-19 Pandemic/Digital Health: Impact on Children
	Chairperson: M. Thame
	Room: Rocksteady 2 & 3
2:15 pm	(O-08) A comparative study of the spectrum of non-COVID-19 diagnosis among children visiting one of the pediatric primary health center during the COVID-19 pandemic and the immediate pre-pandemic period in Barbados <i>A Kumar</i>
2:30 pm	(O-09) COVID-19 in Barbados – lessons from a paediatric perspective <i>PM Lashley, NP Sobers, GHE Gay</i>
2:45 pm	(O-10) Caribbean Children and the COVID-19 pandemic: A call for data-driven planning <i>T Evans Gilbert, PM Lashley, E Lerebours, C Sin Quee, I Singh-Minott, M Fernandes, J Walter Thomas, B Nelson, J Braithwaite</i>
3:00 pm	(O-11) Nutritional status and COVID-19 in children: a Caribbean inpatient survey <i>T Evans-Gilbert, I Hambleton, C Taylor-Bryan, C Sin Quee, S Young-Peart, PM Lashley, B Gilbert, R-Ann Brown, M Fernandes, V Singh, The Paediatric Collaborative COVID Group</i>
3:15pm	(O-12) The use of Telehealth during the COVID-19 pandemic - Practices and attitudes of Jamaican physicians who care for children and adolescents <i>V Julien-Pierre, M Gooden, A Garbutt, R Melbourne-Chambers, A Harrison</i>
3:30 pm	COFFEE BREAK /POSTERS/ EXHIBITS

Time	Session 4: COVID-19 Pandemic: Public Health Impact Chairperson: C. Macpherson Room: Rocksteady 2 & 3
4:00 pm	(O-13) Registered Nurses' perceptions of their comfort and safety levels in the work environment during the COVID-19 pandemic at five (5) selected health institutions in Guyana <i>N Goodman, L Ramroop, S Russell</i>
4:15 pm	(O-14) Resilient Coping is More Important than Previous Experience with Virtual Learning: Predicting Stress Experienced by Pharmacy Students in Trinidad and Tobago During the COVID-19 Pandemic <i>MH Campbell, S Maharaj, K Khan, B Sa, OP Adams, MAA Majumder</i>
4:30 pm	(O-15) COVID-19 mortality in Suriname; a comparison of socio-demographic factors and hospitalization duration between epidemic waves <i>AR Gokoel, M Jairam, A Mendeszoon, L Liauw Kie Fa, F Poese, AV Jarbandhan, V Jairam, F Abdoel Wahid</i>
4:45 pm	End of Session
6:30 pm	Opening Ceremony

DAY 2: Friday 16th September, 2022

7:00 am	POSTER FORUM 2 Room: Rocksteady 2
8:15 am	FEATURE LECTURE 3: Title: Citizen centricity a foundation for trusted digital health system Speaker: J. O'Brien Chairperson: Room: Rocksteady 2 & 3

Time **CONCURRENT SESSIONS**

	Session 5a: COVID-19 Pandemic: Vaccine and Testing Chairpersons: <i>M. Reid</i> Room Assignment: Rocksteady 2	Session 5b: Non-communicable Diseases I Chairpersons: <i>S. Harding</i> Room Assignment: Rocksteady 3
9:00 am	(O-16) Safety Monitoring of COVID-19 Vaccines in the Caribbean through Regional and Global Systems <i>R Extavour, K Ottley</i>	(O-21) Skeletal Muscle Adiposity is Associated with Lower Cognition in African Caribbean Women <i>A Acevedo-Fontánez, R Cvejkus, AL Kuipers, JM Zmuda, V Wheeler, C Rosano, I Miljkovic</i>
9:15 am	(O-17) Rapid antigen tests: a screening tool for SARS-CoV-2 but not a diagnostic test <i>CNL Macpherson N Cudjoe, N Noel, V Matthew-Belmar, B Sharma, E Chitan, TP Noel, and K Yearwood</i>	(O-22) Preliminary Report of the First Epidemiologic Study of Cardiac Structure and Function in African Ancestry Adults in the Caribbean: The Tobago Heart Study <i>AL Kuipers, R Katz, DK Gupta, R Mallugari, CN Thomas, I Gonzalez, RK Cvejkus, V Wheeler, I Miljkovic</i>

Time **CONCURRENT SESSIONS**

	Session 5a: COVID-19 Pandemic: Vaccine and Testing Chairpersons: <i>M. Reid</i> Room Assignment: Rocksteady 2	Session 5b: Non-communicable Diseases I Chairpersons: <i>S. Harding</i> Room Assignment: Rocksteady 3
9:30 am	(O-18) The evolution of screening and diagnostic testing for SARS CoV2 in Grenada <i>N Cudjoe, N Noel, P Fields, V Belmar-Matthew, B Sharma, E Chitan, T Khan, N Steele, S Charles, TP Noel, K Yearwood, CNL Macpherson</i>	(O-23) Stroke hospitalizations before and during the coronavirus disease 2019 pandemic in the Academic Hospital of Paramaribo: A retrospective study <i>AV Jarbandhan, V Jairam, RV Ramdass, DRR Lieuw, JR Toelsie, R Bipat</i>
9:45 am	(O-19) SARS-CoV-2 Variants and qRT-PCR Cycle Threshold Values <i>V Matthew-Belmar, N Noel, E Chitan, B Sharma, T Khan, N Cudjoe, B Osei Boakye, P Fields, T Noel, A Alhassan, C Macpherson</i>	(O-24) Assessing microvascular complications in Diabetic Foot using novel diagnostic equipment <i>A Greenidge, KR Quimby, I Hambleton, R Landis</i>
10:00 am	(O-20) The Caribbean Vessel Surveillance System- Using Digital Health to Enhance Regional Health Security in the Caribbean <i>L Indar, A Bissoon-Pustam, K Daniel, F Mohammed, O Cyrus, S Kissoondan</i>	(O-25) Risk Factors associated with Change in Transcranial Doppler Velocities in Sickle Cell Disease: A Jamaican Study <i>C Bryan, JP Louboutin, M Reid</i>
10:15am	Co-Diagnostics Session Topic: Co-Dx PCR Home Platform Speakers: Denny Crockett and Cameron Gundry Venue: Rocksteady 2 (10 minutes presentation, 5 minutes Q&A)	
10:30 am	COFFEE BREAK/POSTER/EXHIBITS Room: Rocksteady 1 & Foyer	
11:00 am	FEATURE LECTURE 4: Title: Improving Population Health: need for an enduring focus on prevention and equity Presenter: <i>S. Harding</i> Chairperson: Room: Rocksteady 2 & 3	

Time **CONCURRENT SESSIONS**

	Session 6a: Child Health Chairpersons: Room: Rocksteady 2	Session 6b: Non-communicable Diseases II Chairpersons: <i>M. Reid, T. Davidson</i> Room: Rocksteady 3
11:45 am	(O-26) Development, implementation and evaluation of a model for antenatal group care in Suriname: results from Perisur <i>AD Hindori-Mohangoo, MP Hindori</i>	(O-30) Diabetes Self-Care in a Barbadian Population: With and without diabetic foot <i>A Greenidge, KR Quimby, I Hambleton, S Anderson, R Landis</i>

Time **CONCURRENT SESSIONS**

	Session 6a: Child Health Chairpersons: Room: Rocksteady 2	Session 6b: Non-communicable Diseases II Chairpersons: <i>M. Reid, T. Davidson</i> Room: Rocksteady 3
12:00 noon	(O-27) Antenatal Corticosteroid and its Effects on Neonatal Health and Growth Parameters at the Georgetown Public Hospital Corporation from the period 2019–2020 <i>S Lall, P Persaud</i>	(O-31) World Health Organization global evaluation of palliative care of six countries: results in Jamaica <i>D Spence, CP Lin, K Thomas, K Segree, M Kodilinye, S Smith, K Brown, E Calvert, R Morecroft, R Harding</i>
12:15 pm	(O-28) The most common respiratory condition admitted to the Pediatric Medical Ward (PMW) and the trend of admission of patients to the PMW and the pattern of pre and post COVID at the Georgetown Public Hospital Corporation (GPHC) <i>S Wright, M Persaud</i>	(O-32) A Stakeholder Analysis of the Saint Lucian Mental Health (MH) System <i>KA Francis; AY Benjamin</i>
12:30 pm	(O-29) The histopathology of steroid resistant nephrotic syndrome at the Bustamante hospital for children and the University hospital of the West Indies <i>D Clayton, R Thomas-Chen, L Gabay, S Young Peart</i>	(O-33) Barriers to mental health treatment among young adults aged 18–35 in Barbados: Exploring the Health Professional perspective <i>R Cox, N Greaves</i>
1:00 pm	NETWORKING LUNCH / LECTURE	

Time **CONCURRENT SESSIONS**

	Session 7a: CARPHA Qualitative Research Methods Workshop Chairpersons: <i>Saran Stewart</i> Room:	Session 7b: Research Skills Clinic Chairpersons: <i>Calum MacPherson</i> Room:
2:00 pm – 4:00 pm	<p>This workshop provides attendees with an understanding of critical concepts and principles of qualitative research design. Attendees are provided with an opportunity to develop qualitative-based research questions and an overview of the five-main qualitative research designs. The workshop helps to develop the skills necessary for the proper understanding of sampling, data collection, analysis and interpretation of research findings. Attendees are provided with an opportunity to demonstrate these skills by undertaking an abstract template exercise.</p> <p>Led by: S. Stewart/RAC</p>	<p>RESEARCH SKILLS HELP DESK FOR ASSISTANCE WITH:</p> <ul style="list-style-type: none"> • Polishing your manuscript • Analysing your data • Preparing a research proposal <p>Led by: D. Ramdath/RAC in collaboration with Midway Research Center and Mayo Clinic</p>
4:00 pm	End of Sessions	
6:30 pm	Awards Banquet Venue: Terra Nova Hotel	

Day 3: Saturday 17th September, 2022

8:15 am **FEATURE LECTURE 5**
Chairperson:
TITLE:
Presenter J Hospedales
Room:

Time **CONCURRENT SESSIONS**

	Session 8a: Nutrition Chairpersons: TA Samuels Room: Rocksteady 2	Session 8b: COVID-19 & Digital Health: Impact on Infectious Disease Management Chairpersons: M. Ramgopal and Z. Temesgen Room: Rocksteady 3
9:00 am	(O-34) Improving Household Nutrition Security and Public Health in the CARICOM: project overview <i>W Jones, MM Murphy, FJ Henry, L Dunn, TA Samuels</i>	Impact of COVID-19 on tuberculosis and HIV services Lessons learned from the Covid pandemic, applicable to HIV and TB services
9:15 am	(O-35) Food security and food safety: Implications for sustainable food systems in CARICOM <i>H Harewood, N Greaves, A Foster-Estwick, A Dunn, TA Samuels, MM Murphy</i>	Real world examples of utilization of digital health tools to HIV and TB management during the Covid pandemic
9:30 am	(O-36) Sodium and Potassium Consumption in Jamaica: National Estimates from the Jamaica Health and Lifestyle Survey 2016–2017 <i>TS Ferguson, N Younger-Coleman, K Webster-Kerr, M Tulloch-Reid, N Bennett, T Davidson, A Grant, KA Gordon-Johnson, I Govia, S Soares-Wynter, J McKenzie, E Walker, S Anderson, A Blake, J Ho, S Edwards, S McFarlane, S Spence, R Wilks</i>	<ol style="list-style-type: none"> 1. Summarize how COVID-19 has impacted TB disease diagnosis, treatment, and prevention 2. Summarize how COVID-19 has impacted HIV diagnosis, treatment, and prevention 3. Describe real-world examples of application of digital health tools to manage HIV and TB
9:45 am	(O-37) Socio-demographic and Dietary Influences of Eating Habit Perception in Jamaica <i>A La Foucade, S Gabriel, C Laptiste, C Metivier, V Beharry, E Scott, K Theodore</i>	
10:00	(O-38) Differences in Biomarkers of Iron stores and growth by Breastfeeding Status in infancy <i>S Whyte, M Reid</i>	
10:15	(O-39) The Microbial Burden in Poultry Broiler Chickens and the knowledge, attitudes, and practices of the poultry meat handler in Barbados <i>J Browne, M Gittens-St. Hilaire</i>	
10:30 am	COFFEE BREAK/POSTERS/ EXHIBITS	

Time **CONCURRENT SESSIONS**

	Session 9a: Communicable Diseases Chairpersons: L. Indar Room: Rocksteady 2	Session 9b: Special Workshops/Networking Sessions Led by RAC Members Room: Rocksteady 3
11:00 am	(O-40) A retrospective analysis of empiric prescribing patterns for Upper Respiratory Tract Infections at The University of the West Indies Health Centre <i>H Williams, K Allen-Dougan, T Kennedy-Dixon, M Gossell-Williams</i>	HELP DESK FOR ASSISTANCE WITH: <ul style="list-style-type: none"> • Polishing your manuscript • Analysing your data • Preparing a research proposal
11:15 am	(O-41) Adherence to antiretroviral therapy among adolescents living with HIV <i>R Dyer , A Harrison , K Lewis-O'Connor, RB Pierre</i>	
11:30 am	(O-42) The process of modelling the number of dengue outbreaks in Jamaica for the period 2000–2014 <i>N Guthrie-Dixon, J Campbell, M Taylor, I Hambleton, G Gordon-Strachan</i>	
11:45	(O-43) Pharmacists knowledge, perception and practice regarding medication disposal in Trinidad <i>S Jankie, A Villarroel Stuart, N Barsatee, V Dookhan, K Sookdeo, S Hernandez, C Mohammed</i>	
12:00 noon	(O-44) Sociodemographic Characteristics, Prevalence and Clinical Outcomes of H. pylori Infection Among Patients Undergoing Upper Gastrointestinal Endoscopy at the University Hospital of the West Indies. <i>YM Dawkins, S Rowe-Gardener, N Guthrie-Dixon, R Thompson, T Thompson, MG Lee, C Cunningham-Myrie</i>	
12:15pm	Presentation of Prizes and Closing Remarks	