



# DEPARTMENT OF CHILD & ADOLESCENT HEALTH

*Departmental Report August 2020 - July 2021*

**Roxanne Melbourne Chambers** · **Head**  
*MBBS (Hons), DM (Paeds)*

## WORK OF THE DEPARTMENT

The Department of Child and Adolescent Health continues to strive towards excellence in clinical service, research, intellectual leadership, advisory and community services and training of undergraduate students and postgraduate doctors. The academic staff is comprised of four professors, two senior lecturers and three lecturers as well as six associate lecturers University Hospital of the West Indies (UHWI)) and twenty-four associate lecturers in affiliate clinical training sites who support teaching and assessment of medical students in five public hospitals. There are two members of administrative staff and one office attendant. In-patient clinical services are delivered through two paediatric medical wards and a newborn special care unit which includes a neonatal intensive care unit. In July 2020, a neonatal high dependency unit was established at the UHWI to receive admissions of neonates infected and potentially infected with SARS CoV2. Out-patient clinical services are delivered through general and sub-specialty clinics in adolescent medicine, cardiology, development and behaviour, endocrinology, haematology and oncology, infectious diseases, neonatology follow-up, nephrology, neurology, and pulmonology and a Paediatric Casualty. In February 2021, a Paediatric Gastroenterology Out-Patient Clinic and In-patient Paediatric Gastroenterology service were established after the employment of a Paediatric Gastroenterologist who returned to Jamaica after completing Fellowship training in June 2020.

The Department offers two undergraduate courses as part of the MBBS programme, the 4-week Junior Clerkship in Paediatrics (part of the Aspects of Family Medicine course) in year 3 of the MBBS programme and the 10-week Senior Clerkship in year 5 of the MBBS programme. There were 266 junior students and 301 senior students who completed the Child and Adolescent Health rotations over the last year. There is a postgraduate programme in Paediatrics (Doctor of Medicine in Paediatrics) with students registered in Jamaica and in the Bahamas. There were 58 postgraduate students registered in the DM Paediatrics programme during the academic year 2020-2021. Forty-four students were registered in Jamaica and 14 students were registered in the Bahamas. The Department also offers a fellowship in Neonatology. This programme was recently revised to increase its length from eighteen to 24 months. One student enrolled in the programme starting July 1, 2021. There is also the post-graduate diploma in Loss Grief and Trauma Management. Eight students completed the programme in 2020-2021 and the post graduate Diploma in Adolescent Health and Advocacy, six candidates successfully completed the Diploma in June 2021. Faculty of the Department also teach courses in child and adolescent health related areas and provide research and clinical supervision to students enrolled in undergraduate programmes in Nursing and Midwifery and postgraduate programmes in Biomedical Research, Clinical Psychology, Education, Nutrition, Family Medicine, Epidemiology and Public Health. The COVID 19 pandemic necessitated a continued review of the delivery of teaching, learning and assessment in order to reduce student exposure and risk of acquiring SARS CoV2 infection in the health care setting.

## ACCESS

- Efforts made to enhance the quality of teaching, learning and student development

1. The Intern Tutor Programme. During the academic year 2020-2021, to enhance the clinical skills training of medical students in the Junior clerkships in Paediatrics of the MBBS programme and also to support continued training of interns who completed their clinical training in the MBBS during the pandemic that limited their clinical exposure, the Department in association with the Health Professions Education Unit instituted the Intern-Tutor Programme.

The objectives were to optimize the interns' knowledge, competency, and practice of common paediatric skills given the Covid-19 challenges, develop problem-solving compe-

tence in common paediatric clinical presentations using a case-based approach, To train interns as tutors for instruction in paediatric skills using simulated patients and specified equipment and implement a training curriculum to fulfill the extended roles as Intern-Tutors (<https://drive.google.com/file/d/14xi5wb2usNDfyTNoonLsygZ2US3IcrOc/view>). Participating interns were recognised by a certificate of participation at the end of the three months as part fulfilment of the requirement for the Paediatric internship rotation. This innovation was rated highly by participants.

2. Guest Lecture Series on the care of the high-risk neonate by the staff and lecturers of Joe DiMaggio Hospital, Florida, September 2020 to DM Paediatrics residents at Mona and sister campuses
3. Ventilation Workshop – Developed and executed a comprehensive workshop on Mechanical Ventilation of the Neonate for Paediatric Residents in the DM programme, which will provide residents with an understanding of respiratory physiology, the fundamentals of mechanical ventilation and empower them to tailor the ventilatory strategies appropriately to the underlying pathophysiology, thereby improving patient outcomes. Led by Drs. Jillian Lewis, Blondel Crosdale and Dr. Brian James.
4. Statistical analysis workshop. The Department led by Dr. Jillian Lewis nurtured a partnership with the Jamaica Statistical Society to provide Data Analysis training for over 60 residents and lecturers in the DM Paediatrics, Obstetrics and Gynaecology and Paediatric Surgical programmes from Jamaica and other Caribbean islands over six weeks, February 2021.
5. Dr. Lewis re-established the Neonatal Fellowship Training with a revised curriculum and extended overseas experience. This program seeks to provide Neonatal trainees with a foundation in the comprehensive management of the critically ill neonate with the hope that the expertise acquired will contribute to improved management of neonates in the community, with a resultant impact on the morbidity and mortality in this population locally and regionally.
6. Executed, in collaboration with the Jamaica Statistical Society, a Statistical Data Analysis training program for Residents in the DM Paediatrics, Obstetrics and Gynaecology and Paediatric Surgical programmes, February to April 2021. This aligns well with the Triple A 'Access' strategy which focuses on positioning the institution to be the University of choice by improving the quality of teaching, learning and student development.

7. Established a Paediatric Resuscitation Committee which seeks to provide oversight for the implementation of resuscitation guidelines, training of health care personnel in Neonatal and Paediatric Resuscitation, assessment and maintenance of competency of staff in Neonatal and Paediatric Resuscitation. This particular initiative addresses a need for the establishment of guidelines and standards for recognizing the deteriorating patient early and instituting appropriate measures to prevent morbidity and mortality. This will result in improved expertise and competence in this area of Neonatal and Paediatric care and presents an opportunity for both qualitative and quantitative research.
8. Collaborative academic presentations in the DM Paediatrics programme involving sister campuses in the Bahamas and at Cave Hill and St. Augustine. These were presented virtually and included lectures from guest faculty from Vanderbilt University, the Hospital for Sick children, Canada and Joe di Maggio Children's Hospital, USA.
9. Global Health Initiative. Telemedicine meetings held with West Virginia University in Collaboration with the Cornwall Regional Hospital. Residents, fellows and students shared interesting cases and research focused on COVID and other infectious diseases September 2020 – April 2021
10. Professor Russell Pierre, the University Examiner for the DM Paediatrics Programme facilitated Cross Campus Examiners consultations to enhance the harmonization of the DM Paediatrics Programme across the campus sites in the FMS; oversaw the administration of the virtual DM clinical/oral examinations Nov/Dec 2020 and May/June 2021.
11. Drs Abigail Harrison and Andrea Garbutt, lecturers, executed the virtual DM Clinical/ Oral Examinations Nov/Dec 2020 and May/June 2021 across four campuses and with the participation of the External Examiner domiciled in Scotland. These activities included examiner and candidate training and mock examinations for all participants using the virtual space.

- Innovations to Improve Access

Pierre RB, Director of Medical Education, Faculty of Medical Sciences, Health Professions Education Unit, FMS 2020 – to date Overall aim: The promotion, development, implementation and monitoring of health professions' education initiatives with special emphasis on faculty and staff continued professional development, research in health professions education, accreditation and quality enhancement, curriculum development, and interprofessional collaboration

## **Achievements [August 2020 to July 2021]**

- Implementation and conduct of Faculty Development Workshop [Administration of On-line Clinical Examinations: a primer for the DM Programme Virtual Clinical Examinations – 29 attendees of 35 registered participants; rated overall 4.5 [rating scale 1 (poor) to 5 (excellent)]]
- Online access to archived Faculty Development Workshops [Managing your Online Quiz; Item-writing]

### **Publications:**

- Medulink December 2020 Issue 7; Medical Education Newsletter for the Faculty of Medical Sciences. [<https://drive.google.com/file/d/1aGVSP7ZD3rp6sLWEWi3g7KvAsqarU5Z1/view?usp=sharing>]
- Medulink June 2021 Issue 8; Medical Education Newsletter for the Faculty of Medical Sciences. [<https://bit.ly/3AdmEed>]
- Consultations:
  - Faculty of Medical Sciences, all Programmes: workshops, seminars, group and individual consultations on transitioning to emergency remote teaching, learning and assessment during period August 2021 to July 2021, due to COVID-19 pandemic

## **PUBLICATIONS**

### **PEER REVIEWED PUBLICATIONS**

1. Harrison A, Gordon-Strachan G, James Bateman C, Trotman H, Olugbuyi O, Lambert M, Ashley D, Griffith A, Samms-Vaughan, M. Pregnancy Outcomes of a Birth Cohort. Are adolescent mothers really at more risk? Psychology, Health & Medicine. Accepted for publication March 2021. Published online ahead of print, 2021 Apr 12.
2. Harrison A, Rocke, K, James Bateman C, Bateman A, Chang S. Physical Activity and Disordered Eating Behaviours: Are Caribbean adolescents at risk? International Journal of Psychology. Accepted for publication July 2021. Published online ahead of print, 2021 Aug 16.
3. Majumder, M. A. A., Cohall, D., Ojeh, N., Campbell, M., Adams, O. P., Sa, B., Khan,

- K., Pierre, R., & Trotman-Edwards, H. (2021). Assessing online learning readiness and perceived stress among first year medical students during COVID-19 pandemic: a multi-country study. *Canadian Medical Education Journal*, 12(2), e131-e133. <https://doi.org/10.36834/cmej.71609>
4. Pierre R, Trotman H, Garbutt A. Evaluation of emergency remote teaching and learning in the MBBS programme, Faculty of Medical Sciences, Mona - students' perspective. UWI Quality Education Forum. The Office of the Board for Undergraduate Studies, The University of the West Indies. 2021 May;25: 38-50. ISSN:799-1487
  5. Orrigio K, Pierre RB, Gordon-Harrison D, Lewis-O'Connor K, Gordon-Strachan G, Christie CDC. Sexual Abuse and Sexually-Transmitted HIV/AIDS in Jamaican Children and Adolescents Aged 6-19 Years. *J Infect Dev Ctries*. 2021 Jul 31;15(7):989-996. doi: 10.3855/jidc.12156. PMID: 34343124.
  6. Pottinger AM, Passard N, Gordon Stair A. "Using faith-based organisations to promote mental health education to underserved populations in Jamaica". *Health Education Journal* 2021 <https://doi.org/10.1177/0017896920988036>
  7. Trotman H, Samms-Vaughan M, Coore-Desai C, Reece JA, Olugbuyi O. Neonatal Outcome of Babies Born to Women 40 Years and Older in a Jamaican Birth Cohort. *Am J Perinatol*. 2021 May 27. doi: 10.1055/s-0041-1730350. Epub ahead of print. PMID: 34044455.
  8. Butler B, Trotman H. Hypernatremic Dehydration in Breast Fed Infants: Lessons from a Baby-Friendly Hospital. *J Trop Pediatr*. 2021 Jan 29;67(1): fmaa083. doi: 10.1093/tropej/fmaa083. PMID: 33277904.
  9. Trotman H, Crosdale B, Samms-Vaughan M, Shakespeare-Pellington S, Coore-Desai C, Reece J & Olugbuyi O. Neonatal mortality in the 2011 JAKIDS birth cohort. *Psychology Health and Medicine*. July 2021.
  10. Rahbar MH, Samms-Vaughan M, Saroukhani S, Lee M, Zhang J, Bressler J, Hessabi M, Shakespeare-Pellington S, Grove ML, Loveland KA. Interaction of Blood Manganese Concentrations with GSTT1 in Relation to Autism Spectrum Disorder in Jamaican Children. *J Autism Dev Disord*. 2021 Jun;51(6):1953-1965.
  11. Rahbar MH, Samms-Vaughan M, Saroukhani S, Bressler J, Hessabi M, Grove M, Shakespeare-Pellington S, Loveland K, Beecher C & McLaughlin W. Associations of Metabolic Genes (GSTT1, GSTP1, GSTM1) and Blood Mercury Concentrations Differ in Jamaican

- Children with and without Autism Spectrum Disorder. *International Journal of Environmental Research and Public Health*. 2021 Feb.; 18:1377
12. Vaghri Z, Samms-Vaughan M. Accountability in protection of children against violence: Monitoring and measurement. *Child Abuse Negl*. 2020 Dec;110(Pt 1):104655. doi: 10.1016/j.chiabu.2020.104655. Epub 2020 Sep 8.
  13. Rahbar MH, Samms-Vaughan M, Lee M, Zhang J, Hessabi M, Bressler J, Bach MA, Grove ML, Shakespeare-Pellington S, Beecher C, McLaughlin W, Loveland KA. Interaction between a Mixture of Heavy Metals (Lead, Mercury, Arsenic, Cadmium, Manganese, Aluminum) and GSTP1, GSTT1, and GSTM1 in Relation to Autism Spectrum Disorder. *Res Autism Spectr Disord*. 2020 Nov;79. doi: 10.1016/j.rasd.2020.101681. Epub 2020 Oct 24.
  14. Saroukhani S, Samms-Vaughan M, Lee M, Bach MA, Bressler J, Hessabi M, Grove ML, Shakespeare-Pellington S, Loveland KA, Rahbar MH. Perinatal Factors Associated with Autism Spectrum Disorder in Jamaican Children. *J Autism Dev Disord*. 2020 Sep;50(9):3341-3357.
  15. Stevanovic, D., Costanzo, F., Fucà, E., Valeri, G., Vicari, S., Robins, D. L., Samms-Vaughan, M., Ozek Erkuran, H., et al (2021). Measurement invariance of the Childhood Autism Rating Scale (CARS) across six countries. *Autism Research*, 2021: 1– 11.
  16. Boateng R, Petricca K, Tang B, Parikh S, SinQuee-Brown C, Alexis C, Browne-Farmer C, Reece-Mills M, Salmon SM, Bodkyn C, Gupta S, Maguire B, Denburg AE. Determinants of access to childhood cancer medicines: a comparative, mixed-methods analysis of four Caribbean countries. *Lancet Glob Health*. 2021 Sep;9(9):e1314-e1324. doi: 10.1016/S2214-109X(21)00287-4. PMID: 34416215.
  17. Ades AE, Brickley EB, Alexander N, Brown D, Jaenisch T, Miranda-Filho DB, Pohl M, Rosenberger KD, Soriano-Arandes A, Thorne C, Ximenes RAA, de Araújo TVB, Avelino-Silva VI, Bethencourt Castillo SE, Borja Aburto VH, Brasil P, Christie CDC, de Souza WV, Gotuzzo H JE, Hoen B, Koopmans M, Martelli CMT, Martins Teixeira M, Marques ETA, Miranda MC, Montarroyos UR, Moreira ME, Morris JG, Rockx B, Saba Villarroel PM, Soria Segarra C, Tami A, Turchi MD, Giaquinto C, de Lamballerie X, Wilder-Smith A; EC Zika Consortia Vertical Transmission Study Group. Zika virus infection in pregnancy: a protocol for the joint analysis of the prospective cohort studies of the ZIKAlliance, ZikaPLAN and ZIKAction consortia. *BMJ Open*. 2020 Dec 15;10(12):e035307. doi: 10.1136/bmjopen-2019-035307. PMID: 33323426; PMCID: PMC7745317.

## BOOK CHAPTER

1. James Bateman C, Harrison A. 'Father Hunger?' Engaging fathers in the eating disorder recovery process: a developing country's perspective. Book: Treating Black Women with Eating Disorders: A Clinician's Guide. Edited by Charlynn Small and Mazella B. Fuller. Taylor & Francis. Published August 2020

## ABSTRACTS

1. T. Evans-Gilbert, KN Lewis-Bell, B Irons, P Duclos, G Gonzalez-Escobar, E Ferdinand, J. P Figueroa A review of immunization legislation and vaccine coverage in Caribbean countries. Caribbean Public Health Agency (2021).WIMJ V 69 (Suppl. 2):: 20-59 15 Jun, 2021( Full Manuscript submitted to Vaccines Journal and is under review)
2. T Evans-Gilbert, A Sealy, P Thompson , A Bowen, M Reid A preliminary hospital-based report of COVID 19 infection in children in the Caribbean. Caribbean Public Health Agency (2021). WIMJ 69 (Suppl. 2):: 20-59 15 Jun, 2021
3. Singh I, Asnani M, Harrison A. Health-Related Quality of Life in Adolescents with Chronic illness in Jamaica: Adolescent and Parent Reports. WIMJ 69 (Suppl. 2):1-96
4. G Coopsammy, G Gordon-Strachan, C Christie-Samuels, M Thame. The knowledge, attitudes and practices of Jamaican parents on the expanded programme of immunization WIMJ 69 (Suppl. 2):1-96.15 Jun, 2021
5. S Anderson-Gabriel, A Garbutt, O Olugbuyi, D Millard, L Hurlock. Electrocardiographic findings among competitive Jamaican student athletes 12–19 years: a pilot study. WIMJ 69 (Suppl. 2): 1-96
6. C Patterson, H Trotman.Outcome of very low birth weight infants at the University Hospital of the West Indies 2012–2014 .WIMJ 69 (Suppl. 2):1-96
7. K Binns, A Garbutt, H Trotman, A Daley Knowledge of pre-service and in-service teachers in identifying children with specific learning disorders and their attitudes and beliefs towards inclusive education WIMJ 69 (Suppl. 2):1-96
8. R Melbourne Chambers, J Tapper, O Olugbuyi, L Christian The quality of life and social outcome of children with cerebral palsy at the Bustamante Hospital for Children in Jamaica . WIMJ 69 (Suppl. 2):1-96

9. Elisa Ruiz-Burga, Isadora Cristina de Siqueira, Roxanne Melbourne-Chambers, Rosa Maria Bologna, Celia D C Christie, Griselda Berberian, Antoni Soriano-Arandes, Heather Bailey, Paulette Palmer, Andrea Oletto, Breno Lima de Almeida, Maria Lucia Costa Lage, Carlo Giaquinto, Claire Thorne. METHOD ARTICLE Health outcomes of children born/suspected with ZIKV: Protocol for the ZIKAction Paediatric Registry in Latin America and the Caribbean. Protocol Exchange. <https://doi.org/10.21203/rs.3.pex-1577/v1>.

## MONOGRAPHS

1. Damien Brown, Russell Pierre. Standard Operating Procedures for Virtual Oral/Clinical Examinations in Doctor of Medicine FMS (COVID-19 Era). Medulink: One Faculty, One UWI. Issue 7, December 2020. pp 26-28. Newsletter on Medical Education for the Faculty of Medical Sciences, the University of the West Indies; available at: <https://drive.google.com/file/d/1aGVSP7ZD3rp6sLWEWi3g7KvAsqarU5Z1/view?usp=sharing>
2. Pierre R, Editor. Medulink: One Faculty, One UWI. Issue 8, June 2021. Newsletter on Medical Education for the Faculty of Medical Sciences, the University of the West Indies; available at: <https://bit.ly/3AdmEed>
3. Pierre R. Editorial – Resilience in the time of COVID-19. Medulink: One Faculty, One UWI. Issue 8, June 2021. pp 3-6. Newsletter on Medical Education for the Faculty of Medical Sciences, the University of the West Indies; available at: <https://bit.ly/3AdmEed>
4. Garbutt A, Thomas R, Melbourne-Chambers R, Pierre R. Intern-Tutor Programme: competency-based training initiative in child health. Medulink: One Faculty, One UWI. Issue 8, June 2021. pp 7-9. Newsletter on Medical Education for the Faculty of Medical Sciences, the University of the West Indies; available at: <https://bit.ly/3AdmEed>
5. Pierre R. Excellence in scholarly achievement at FMS Mona. Medulink: One Faculty, One UWI. Issue 8, June 2021. pp 38-39. Newsletter on Medical Education for the Faculty of Medical Sciences, the University of the West Indies; available at: <https://bit.ly/3AdmEed>

## TECHNICAL REPORTS

1. Samms-Vaughan M. Perceptions of Child Protection in Trinidad and Tobago. Government of Trinidad and Tobago. October 2020.
2. Technical report UNICEF: Hospitalized Paediatric COVID-19 cases and associations to nutritional status: The situation in the Caribbean region. Tracy Evans Gilbert COVID-19, Children, and Nutrition: Data Efforts and Priorities” 25<sup>th</sup> and 28<sup>th</sup> June 2021

# ALIGNMENT

## PAPERS PRESENTED

1. Christie CDC. Covid-19: The Paediatric Perspective. A review of the pathogenesis, paediatric clinical features, implication of community spread and ongoing infections. Key-note Address. Department of the Child & Adolescent Health 9th Biennial Conference: Covid-19: The Paediatric Perspective. October 4, 2020
2. Christie CD. COVID-19 and Vaccines. UHWI Child Health, January, 2021.
3. Christie CD. Preparing for your COVID-19 Shot. COVID-19: Making New Year's Resolutions – UWI; Telecom # 4; Faculty of Medical Sciences, UWI, Mona Campus. 24 January, 2021.
4. Christie CD. COVID-19 in the Caribbean and the Development and Availability of Vaccines. Rethinking Everything: COVID-19 in the Americas. At the Conference entitled: "COVID-19 and the New World of Work. Time to Rethink the Global Public Health Order", Sponsored by the University of Miami, the AIDS Health Care Foundation (AHF), in collaboration with the UWI and UTech, Tuesday, 9 March, 2021
5. Christie CD. "The Pandemic, the Virus, the Vaccine". Anglican Diocese of Jamaica & the Cayman Islands. Annual Clergy Conference 2021. Wed, 10 Mar, 2021
6. Christie CD. COVID-19 Vaccines: Scientific Update, Access to Availability. Invited consultations of "COVID-19 Expert Group" (of 5) to the Prime Minister of Jamaica, The Hon Andrew Holness, 10 March, 2021.
7. Christie CD. "COVID-19 in the Caribbean and the Development and "Roll-out" of Vaccines". PAJ Bi-Annual Conference. "Daily Encounters in Paediatrics." Common Pediatrics Encounters #2. Sun, 21 March, 2021
8. Christie CD. Update on COVID-19. Conference entitled: God comes in a pandemic with healing in his wings. Healing Conference. Anglican Diocese of the Caribbean. May, 2021.
9. Christie CD. COVID-19 in Caribbean, Vaccines Availability and Rollout. Plenary talk, ENT International Telecon, May, 2021.
10. Christie CD. Regular 2-monthly updates and reports to the ZIKAction Consortium regarding implementing the ZIKAction Research collaborative grant initiatives in Jamaica.

11. G Coopsammy, G Gordon-Strachan, C Christie-Samuels, M Thame. The knowledge, attitudes and practices of Jamaican parents on the expanded programme of immunization Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021.
12. Christie CDC. Covid-19: Vaccines. Paediatric Association of Jamaica 23rd Biennial Conference | "Daily Encounters in Paediatrics" | March 20, 2021
13. Christie CDC. Multisystem Inflammatory Syndrome in Children (MIS-C). Medical Association of Jamaica Viryual Symposium 2021. June 10-13, 2021
14. Crosdale B. Positive Mothers: Unknown Babies Part 1: International & local guidelines for the delivery of neonates of positive mothers. Department of the Child & Adolescent Health 9th Biennial Conference: Covid-19: The Paediatric Perspective. October 4, 2020
15. T. Evans-Gilbert, KN Lewis-Bell, B Irons, P Duclos, G Gonzalez-Escobar, E Ferdinand, J. P Figueroa A review of immunization legislation and vaccine coverage in Caribbean countries. Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021.
16. T Evans-Gilbert, A Sealy, P Thompson , A Bowen, M Reid A preliminary hospital-based report of COVID 19 infection in children in the Caribbean. Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021.
17. Evans-Gilbert T. The return to school. A blueprint of strategies and global experiences. Department of the Child & Adolescent Health 9th Biennial Conference: Covid-19: The Paediatric Perspective. October 4, 2020
18. Evans-Gilbert T . The use of steroids in the management of COVID=19" Virtual Meeting with CMOs of the Caribbean on behalf of the Expert Advisory Group (EAG) Caribbean Public Health Agency (CARPHA)
19. Evans-Gilbert T. " COVID in children – A Caribbean perspective. "Caribbean Public Health Agency Zoom Webinar Under Pressure: NCDs & COVID-19 Part. October 15, 2020.
20. Evans-Gilbert T. ADVAC alumni Webinar. Contextualization of the results of COVID vaccine trials: implications for national decision-making, future and ongoing trials, and post-licensure surveillance. Invited panel Discussant. December 5, 2020

21. Evans-Gilbert T. Clinton Global Health Initiative hosted by Chelsea Clinton, A Holistic Approach to Pediatric Health in the Caribbean. Tuesday, February 16, 2021. Invited virtual roundtable discussion (consultant to CARPHA) focused on children's health priorities in the Caribbean
22. Oral presentation "A preliminary hospital-based report of COVID 19 infection in children in the Caribbean" T Evans-Gilbert, A Sealy, P Thompson, A Bowen, M Reid CARPHA 65th Annual Health Research Conference - June 16-19, 2021
23. Hospitalized Paediatric COVID-19 cases and associations to nutritional status: The situation in the Caribbean region. Tracy Evans Gilbert UNICEF Consultant COVID-19, Children, and Nutrition: Data Efforts and Priorities" 25<sup>th</sup> and 28<sup>th</sup> June 2021
24. Gabay L. The intricacies of thyroid hormone interpretation in the first year of life. Paediatric Association of Jamaica 23rd Biennial Conference | "Daily Encounters in Paediatrics" | March 20, 2021
25. Binns K, Garbutt A, Trotman H, Daley A. Knowledge of pre-service and in-service teachers in identifying children with specific learning disorders and their attitudes and beliefs towards inclusive education. Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021.
26. Miller T, Garbutt A, Trotman H. Parental knowledge, beliefs, and mediation practices of Jamaican children (0–8 years) regarding screen media use. Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021.
27. S Anderson-Gabriel, A Garbutt, O Olugbuyi, D Millard, L Hurlock. Electrocardiographic findings among competitive Jamaican student athletes 12–19 years: a pilot study. Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021.
28. Garbutt A. Screen media time guidelines. Covid-19: Vaccines. Paediatric Association of Jamaica 23rd Biennial Conference | "Daily Encounters in Paediatrics" | March 20, 2021
29. Singh I, Asnani M, Harrison A. Health-Related Quality of Life in Adolescents with Chronic illness in Jamaica: Adolescent and Parent Reports. CARPHA virtual conference June 2021.
30. Harrison A. The HPV Vaccine: What is the Controversy? MAJ virtual annual symposium. September 19, 2020

31. Harrison A. Charting the Pathway to Improved Child & Adolescent Mental Health. Ministry of Health and Wellness – Mental Health Week Virtual Symposium. October 9, 2020
32. Harrison A. Communicating with the Adolescent. 10<sup>th</sup> Annual Adolescent Health Workshop – MOHW and UWI. December 2020.
33. Harrison A. Nutrition and the Adolescent. 10<sup>th</sup> Annual Adolescent Health Workshop – MOHW and UWI. December 2020.
34. Harrison A. Psychological & Medical Impact of Covid-19. North-East Regional Health Authority Mental Health Conference (virtual). May 2021.
35. Harrison A. Teens and Covid-19: How are they coping? MAJ Annual Conference (virtual) June 2021.
36. Lewis J. Positive Mothers: Unknown Babies Part 2: The UHWI Experience. Department of the Child & Adolescent Health 9th Biennial Conference: Covid-19: The Paediatric Perspective. October 4, 2020
37. R Melbourne Chambers, J Tapper, O Olugbuyi, L Christian The quality of life and social outcome of children with cerebral palsy at the Bustamante Hospital for Children in Jamaica . Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021.
38. Melbourne-Chambers R. An Interesting Case of Epilepsy. Paediatric Association of Jamaica 23rd Biennial Conference | “Daily Encounters in Paediatrics” | March 20, 2021
39. Melbourne-Chambers R. Withdrawal of antiepileptic therapy – challenges in resource poor settings. North American Virtual Epilepsy Meeting 2020. Connecting the worldwide epilepsy community virtually. 24 - 27 September 2020
40. Pottinger AM. “Psychosocial issues in Children with Cancer”. Medical Association of Jamaica Annual Symposium, (Virtual) September 17-19, 2020
41. Samms-Vaughan M. The Impact of Covid-19 on Children and Families - Medical Association of Jamaica Virtual Symposium 2021. June 10-13, 2021
42. Samms-Vaughan M. The Impact of Covid-19 on our Caribbean Children. Paediatric Association of Jamaica 23rd Biennial Conference | “Daily Encounters in Paediatrics” | March 20, 2021
43. Patterson C, Trotman H. Outcome of very low birth weight infants at the University Hospital of the West Indies 2012–2014. Caribbean Health Research Council 65<sup>th</sup> Annual Council and Scientific Meetings, Jamaica 2021

## **PUBLIC SERVICE**

1. Christie CDC. Fellow, Infectious Diseases Society of America, USA  
Fellow, Royal College of Physicians and Surgeons, Edinburgh, England  
Member, Paediatric Infectious Diseases Society of America, USA  
Founding Member, HIV Medicine Association of America, USA  
Member, International Association of Physicians in HIV/AIDS Care, USA  
Member, International Society for Infectious Diseases, USA  
Member, West Indian Medical Journal, Editorial Board  
Chair, Clinical Trials Oversight Committee, UWI, Mona  
Special Project Lead – Collaboration between UWI and Yale University School of Medicine
2. Crosdale B. Member, Maternal and Perinatal Health Committee, Family Health Service Unit, MOH
3. Crosdale B. Member. Health Service Planning and Integration, Ministry of Health
4. Evans-Gilbert T. July 2021 Member Pan American Advisory Committee on Vaccine Safety
5. Evans-Gilbert T. 2020- present Member of the COVID 19 Expert Advisory Group Caribbean Public Health Agency
6. Evans-Gilbert T. 2020 -present Member COVID 19 Clinical Working Group Ministry of Health and Wellness
7. Evans-Gilbert T. 2018-present. Member PAHO -Measles Reverification Commission
8. Evans-Gilbert T. 2019 – present Member of the Caribbean Immunization Technical Advisory Group (CITAG)

### **Represented CITAG at the following meetings**

- NITAG and EPI managers meeting PAHO Dec 16, 2021
- WHO Strategic Advisory Group of Experts (SAGE) extraordinary plenary meeting Tuesday 5 January 2021 related to the use of the Covid-19 Pfizer vaccine. Invited participant on behalf of Caribbean Immunization Technical Advisory Group (CITAG)
- WHO SAGE extraordinary meeting 8 February 2021 related to the emergency use of the COVID-19 AstraZeneca vaccine

- Department of Family, Health Promotion and Life Course/Comprehensive Family Immunization Unit PAHO/WHO Webinar for Launching the Regional ESAVI Surveillance System February 26, 2021, PAHO HQ Washington
  - WHO SAGE meeting 22-24 March 2021 COVID variants, Ebola. Polio, measles vaccines and presentations from SINOVAC and SINOPHARM
  - WHO SAGE extraordinary meeting COVID vaccines emergency use authorization SINOVAC and SINOPHARM COVID vaccines April 29, 2021
  - Invited participant to brief by WHO and UNICEF estimates of national immunization coverage (WUENIC) Virtual meeting July 8,2021
  - Attendance PAHO TAG Vaccine Preventable Diseases Virtual Meeting July 14-16,2021
9. Evans-Gilbert T. April-May 2021 Consultancy. Pan American Health Organization Consultant ESAVI Surveillance- Caribbean Subregion
  10. Evans-Gilbert T. June 2021 Consultancy. UNICEF consultant with Data and analytics section DAPM/Nutrition Unit
  11. Garbutt A. President, Paediatric Association of Jamaica 2019-March 2021
  12. Garbutt A. Immediate Past President, Paediatric Association of Jamaica, March 2021 present
  13. Harrison A. Director, Board of Directors, National Family Planning Board. 2017-2020 (December)
  14. Harrison A. Member, Character Education Task Force, Ministry of Education, Youth and Information, June 2021 – present
  15. Harrison A. Member, International Association for Adolescent Health
  16. Harrison A. Vice-President and founding member, Caribbean Association for Adolescent Health
  17. Harrison A. Member, Adolescent Policy Working group – Ministry of Health, Jamaica
  18. Harrison A. Reviewer for abstracts/ workshop proposals for scientific meetings Society for Adolescent Health and Medicine (SAHM) - Annual Conference: 2017 – present.
  19. Harrison A. Reviewer for journals
1. PLOS One
  2. Eating and Weight Disorders - Studies on Anorexia, Bulimia and Obesity
  3. Psychology, Health & Medicine

20. Melbourne Chambers R. Member, Epilepsy Society of the Caribbean
21. Melbourne Chambers R. Reviewer for Epilepsy and Behavior Journal
22. Melbourne Chambers R. Board Member, Ackee Foundation. Charity to raise funds for the infrastructural development of the Department of Child Health, UHWI
23. The global presence of UWI is enhanced through the membership on the Governing Council of the International AIDS Society by Professor Russell Pierre as Caribbean and Latin American representative.
24. Professor Russell Pierre, Chairman of the Caribbean Association of Medical Councils (CAMC) Examination Committee is responsible for the administration of this the Caribbean Association of Medical Councils (CAMC) Licensing Examination biannually, on behalf of the FMS.
25. Pierre R. Abstract reviewer: for IAS 2021 – the 11th IAS Conference on HIV Science – held virtually on 18-21 July 2021
26. Pottinger AM. Board Member, Adoption Board, Child Protection and Family Services Agency (reappointed 2021)
27. Reece Mills M. Member, The Sick Kids Caribbean Initiative
28. Samms Vaughan ME. Chair, National Commission on Violence Prevention, Office of the Prime Minister
29. Samms Vaughan ME. Member, National Commission on Educational Transformation, Office of the Prime Minister
30. Samms Vaughan ME. National ECD Oversight Committee, Early Childhood Commission
31. Samms Vaughan ME. Member, IADB Early Childhood Advisory Group

## **OUTREACH**

The Department held two conferences during academic year 2020/2021 to provide continuing education to physicians, nurses and allied health personnel in Jamaica and the Caribbean region

1. The Department of Child and Adolescent Health 9th Biennial Conference 2020. Covid-19: The Paediatric Perspective. Sunday, October 4th, 2020
2. Department of Obstetrics and Gynaecology and Department of Child and Adolescent Health 20<sup>th</sup> Annual Perinatal Conference. Perinatal care In A Pandemic. February 27, 2021

# AGILITY

## INCOME GENERATION

### NON UGC SELF FINANCING PROGRAMMES

1. Non UGC (self-financing programme – 3 new students – \$2,400,000.00): Post-graduate diploma in Adolescent Health and Advocacy, Department of Child and Adolescent Health, Faculty of Medical Sciences, UWI, Mona. Coordinator: Dr A. Harrison
2. Non UGC (self-financing programme – 8 new students – \$3,200,000.00): Post-graduate diploma in Loss Grief and Trauma Management, Department of Child and Adolescent Health, Faculty of Medical Sciences, UWI, Mona. Coordinator: Professor A. Pottinger

## RESEARCH GRANTS

1. PI (local site): Abigail Harrison (Subaward agreement with Johns Hopkins University)  
Source: United Nations Childrens Funds (UNICEF)

**Project title: Adolescent Mental Health Focus Groups Funds: USD 5060.**

2. Christie CDC. Principal Investigator, UWI (and other international and local co-investigators).

Source: European Commission and Paediatric European Network for Treatment of AIDS (PENTA) Foundation

**Title:** "Addressing the urgent research gaps against the Zika virus and other emerging threats in Latin America, SC1-PM-22-2016. Leader of WP1 – Vertical Transmission of ZIKV".

Grant Period: 2016 to 2021 (five years).

Additional Funding to UWI for a Total Amount of 924,121.81 Euros

3. Christie CDC. Principal Investigator UWI (and many other international co-investigators).

Source: PENTA Infectious Diseases Foundation, Italy.

**Title:** "ZIKA App – A cell phone-based intervention for early detection of arbovirus infections in pregnant women in Jamaica", to UWI.

Grant period: Jan 2020 to May 2021

Grant amount: Funded for 70,723.52 Euros (subsumed in major ZIKAction Grant)

4. Samms-Vaughan M. Principal Investigator

Source: Canada Fund (Canadian High Commission)

**Title:** Supporting the Development of Children with Disabilities

Grant Period: 23/07/2020-28/02/2021

Total cost: CDN \$25,000.00

5. Christie CDC. "Person of Interest"

Sub-Lead investigators: Drs Crista-lee Berry (with many others)

Source: Centers for Disease Control and Prevention, USA

**Title:** COVID-19 in hospitalized children at the UHWI, Jamaica and in the Caribbean.

Grant Period: August 14, 2020 through September 30, 2021.

Grant amount: Funded for \$70,000 USD's

6. Christie CDC: Co-investigator, (P.I. is Prof Gene Morse)

Source: National Institutes of Health, USA

**Title:** "Fogarty International Training and Research in Virology at UWI", collaborating with University of Buffalo, New York, USA

Grant period: 5 years, began 2018.

Grant amount: Funded for \$1.1 Million USD's to UWI

7. Melbourne-Chambers R: Sub P.I., UWI/ Jamaica Site (with several co-investigators).

Source: European Commission

**Title:** "ZIKA Pediatric Registry". Addressing the urgent research gaps against the ZIKA virus and other emerging threats in Latin America, SC1-PM-22-2016."

Grant Period: 2016 to 2021

Grant amount: 33,000 Euros (subsumed in major ZIKAction grant).

## **OTHER INITIATIVES**

1. Dr. Jillian Lewis participated in the International Perinatal Outcomes in the pandemic study (iPOP) study which seeks to seize on the unique opportunity offered by the COVID-19 pandemic to answer urgent questions about perinatal health. This study specifically seeks to ascertain the impact on the pandemic and attendant changes in access to health care on perinatal care and outcomes. This collaboration provides an

- opportunity to expand the research armantarium of the Department, provide some insight into the Jamaican experience, and may bear opportunities for future collaboration.
2. Collaborated with Dr. Earnest Pate (Neonatologist), Pan-American Health Organization, Inter-American Development Bank, Planning Institute of Jamaica and the Ministry of Health, Jamaica and an interdisciplinary team from the UHWI to develop a set of protocols to govern aspects of Neonatal care geared towards Infection prevention and reducing the attendant morbidity/mortality. Education of the staff and stakeholders at the University Hospital of the West Indies is ongoing and will hopefully result in improved care delivery to patients and parent/stakeholder experience and satisfaction. A Research committee has been established to study the impact of these protocols on various aspects of Infection Prevention, Patient outcomes and Parent satisfaction. The first of many research proposals was submitted for ethical review in 2021 and work is ongoing on the others.
  3. Participated in the inaugural National Perinatal review which sought to share and examine local data on the perinatal experience in Jamaica, with a view to identifying gaps and developing guidelines in response. The opportunity was also utilized to highlight and celebrate strengths and the University Hospital of the West Indies won many awards at this event in recognition of its focus on education on Neonatal resuscitation and regular perinatal mortality reviews.
  4. Represented the Caribbean region on the World Federation of Paediatric Critical Care Society Physician Education Subcommittee which was established to focus on and improve Paediatric Critical Care education in low and middle income countries. This decision seeks to respond to the first of the Triple A strategies, which focuses on improving access to quality tertiary education
  5. Established a research group with representation across the island of Jamaica, to review the experience in Transport of critically ill neonates, with a view to developing guidelines and providing recommendations for the optimal transfer of our patients. This initiative is necessary and has the potential to improve the morbidity and mortality of our most vulnerable patients.