

## DEPARTMENT OF CHILD AND ADOLESCENT HEALTH



**Professor Minerva Thame, MBBS, DCH, DM (Paeds), PhD**  
**Head of Department**

### **REGIONAL AND NATIONAL IMPORTANCE OF CHILD HEALTH**

The World Health Organisation's definition of health encompasses more than just the absence of disease and includes physical, social and emotional health and development. The health and well being of a nation and therefore a region, is determined by the health of its children. Internationally, perinatal, infant and under five mortality rates are recognised indicators of national health.

### **WORK OF THE DEPARTMENT**

The Department of Child and Adolescent Health is one of the Departments within the Faculty of Medical Sciences. The main focus of the Department is to improve the health and welfare of families through clinical service, research, intellectual leadership, advisory and community services and training of undergraduate students and postgraduate doctors.

Our clinical services are delivered through two medical wards, a paediatric casualty and a newborn special care unit which incorporates a neonatal intensive care unit. The main subspecialties offered are infectious diseases, development and behavioural paediatrics, cardiology, neonatology, nephrology, neurology, endocrinology and pulmonology. There is also collaboration with other surgical and medical subspecialties.

The Department has been involved in collaborative research with other faculties of the University of the West Indies and several overseas institutions such as Vanderbilt University Global Health Program, University of Texas and the Children's Nutrition Research Centre (CNRC), Baylor College of Medicine, Texas and Yale University. Several members of the Department were involved in health promotion activities such as media presentations both print and electronic. Members also demonstrated intellectual leadership through their involvement with several advisory boards and active participation in community service. The scope of this involvement encompassed early childhood development, mental health, elimination of infectious diseases and parenting and perinatal and infant nutrition.

The need for a cadre of professionals trained in the field of Child and Adolescent Health has led to the Department's continued development of undergraduate and postgraduate programmes. As curriculum development, teaching and learning methods are continuously being revised, both undergraduate and postgraduate programmes in Child and Adolescent Health have been the subject of frequent reviews. The Department currently offers two undergraduate courses as part of the MBBS programme and a postgraduate programme in Paediatrics (Doctor of Medicine in Paediatrics). Additionally, staff of the Department 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 Clinical Psychology, Education, Nutrition, Epidemiology and Public Health.

There were 280 junior students and 250 senior students who completed the Child and Adolescent Health rotations over the last year. The final MBBS assessment of the Child and Adolescent Health programme is

done together with the Department of Medicine in the November/December examination 2014 and of the 39 candidates who were examined, 9 were unsuccessful, while in May/June 2015, of 257 candidates who were examined, 10% of the candidates were unsuccessful. There were 56 elective students who rotated through Child and Adolescent Health during this period. Forty-six were from UWI; ten were from overseas Universities: UK (6), Canada (2), and Caribbean (2).

There was a total of 51 postgraduate students registered in the DM Paediatric programme of which 36 candidates are in Jamaica and 15 candidates are in the Bahamas. Seven candidates sat DM Part 2 final examination and 7 (100%) were successful while 15 candidates sat the DM Part 1 examinations and all 15 (100%) were successful. Thirteen candidates started the program 1st July 2015 of which 3 were in the Bahamas.

#### **PERINATAL AUDIT, SYMPOSIUM AND CONFERENCES**

This year was the fourteenth year of the Perinatal Audit and Symposium. This annual conference was held on the 21st and the 22nd February 2015 and was coordinated by Dr. Blondel Crosdale. This is a joint effort between the Departments of Obstetrics and Gynaecology and Child and Adolescent Health with external review of perinatal statistics by practitioners from outside units. The theme this year was “Hot Topics in Perinatology”

The Department held its 6th Biennial Child and Adolescent Health Conference 5th and 6th April 2014. The theme was “Code Red” – Critical Care Issues in Paediatrics. The guest speaker was Dr. Michael Gayle, a consultant paediatric intensivist from the Jackson Memorial Hospital in Florida.

The Department under the guidance of Dr. Melbourne-Chambers organized a Gastroenterology Symposium entitled “Managing Stool Incontinence in Children.” The visiting lecturer from the USA, Dr. Kirk Thame, a previous lecturer in the Department conducted the Symposium.

## RESEARCH GRANTS

### Bailey K – Principal Investigator

- Source: **Principal New Initiative** Grant \$1, 500,000  
Title: A longitudinal study of respiratory morbidity in a Jamaican Birth Cohort  
Grant Period: 2014-2015  
Funds: J\$1, 500,000

### Christie CDC

- Source: **Minister of Health** (July, 2015) and National Health  
Title: Elimination of Vertical (Mother-to-child) Transmission of HIV/AIDS and Congenital Syphilis in Jamaica,  
Grant Period: 2015 to 2016  
Funds: J\$25,000,000
- Source: **UNICEF & UNAIDS**  
Title: Elimination of Vertical (Mother-to-child) Transmission of HIV/AIDS and Congenital Syphilis in Jamaica,  
Grant Period: 2015  
Funds: \$ 4,250 USD

### Harrison A – Principal Investigator

- Source: **UNICEF**  
Title: Chronic illness in Jamaican Adolescents – A review of asthma, diabetes mellitus, HIV and sickle cell disease  
Grant Period: (2014–2015)  
Funds: USD 34,950.00

**Pierre RB      Co-Principal Investigators**

**Christie CDC.**

- Source: ViiV Healthcare in collaboration with Mater Misericordiae University Hospital, the University of the West Indies, Jamaica, and other international sites (South Africa, Brazil, Ireland, United Kingdom, Romania, and Thailand)

Title: “The Passages Project – Mapping Transition, Charting Futures  
Global Research into Specialty Care and Transition for Adolescents  
Living with HIV”,

Grant Period: September 1, 2014 to June 26, 2016

Funds: US\$ 17,086.95 (€ 15,000.00) [Phase 1]

**Pottinger A      Principal Investigator**

- Source: Principal New Initiative Grant \$1, 500,000

Title:

Funds: J\$1, 500,000

**Samms-Vaughan – Principal Investigation**

- Source: Inter-Americaan Development Bank

Title: Evaluation of Early Childhood Learning Environments

Grant Period:14/08/2014-13/08/2016

Funds: US \$1, 000,000.00 (Counterpart funding additional US200, 000.00)

**INTERNATIONAL CONSULTANCIES**

**Christie CDC.**

- Inaugural International AIDS Society and Industry High-level Leadership Consultations, Conference on Retroviruses and Opportunistic Infections (CROI), Chairperson – Boston, Mar 3 International AIDS Society Bi-Annual Conference, Chairperson – Melbourne Australia, 2014

## PUBLICATIONS

## Peer Review Journals

- Joselle Cook, Rochelle Hardie, **Kay Bailey**, Marlene Tapper, Ivan Vickers, Donovan Calder, Kevin Harvey, John F. Lindo Seroprevalence of human toxocariasis, Jamaica. *Tropical Biomedicine*.
- Heidari S, Kort R, Ananworanich J, **Christie CDC**, Chamla D, Cotton MF, Dabis F, Essajee S, Gibb D, Leroy V, Muhe LM, Palumbo P, Tiam A, Sohn AH, Bekker L-G. Mind the Gap: The Case for Strategic Investments in Paediatric HIV Research. *Journal of AIDS*, 2014.
- **Christie CD**, Melbourne-Chambers R. Chikungunya Fever – An Emerging Disease in the Caribbean and Americas. *Pediatric Infectious Diseases*, December 2014.
- **Harrison A**, Fletcher Groves S, Gordon-Strachan G, Thame M. Factors affecting the choice and desire to exclusively breastfeed in Jamaica: A cross-sectional study at 6 weeks postpartum. *J Hum Lact*. 2015 Jul 2 pii: 0890334415593540. [Epub ahead of print]
- **Harrison A**, Areemit R, Kanbur N. Trainees' experience and perspective: Opportunities and challenges in adolescent health training abroad. Accepted by *International Journal of Adolescent Medicine and Health*, May 2015. 2015 Jun 26. pii: /j/ijamh.ahead-of-print/ijamh-2016-5011/ijamh-2016-5011.xml. doi: 10.1515/ijamh-2016-5011. [Epub ahead of print]
- **Harrison A**, Chambers J, Campbell-Forrester S. Adolescent health in the Caribbean region: Insights from the Jamaican experience. Accepted by *International Journal of Adolescent Medicine and Health*, May 2015. 2015 Jun 26. pii: /j/ijamh.ahead-of-print/ijamh-2016-5018/ijamh-2016-5018.xml. doi: 10.1515/ijamh-2016-5018. [Epub ahead of print]
- **Melbourne-Chambers R**, Clarke D, Gordon-Strachan G, Tapper J, Tulloch-Reid MK. The UWIMONA Pediatric Epileptic Seizure

Screening Questionnaire was equivalent to clinical assessment in identifying children with epilepsy. *J Clin Epidemiol.* 2015; S0895-4356(15)00124-9.

- Christie CDC, **Melbourne-Chambers R.** Chikungunya fever: An emerging disease in the Caribbean and Americas. Infectious Diseases in Children, December 2014 Amarakoon II, Ramkissoon A, Pierre R, Eysaguirre LM, Carr JK, Blattner WA, Roye ME. HIV-1 Antiretroviral Drug Resistance in Pregnant Women in Jamaica: A Preliminary Report. *West Indian Med J.* 2014 Aug 21;63(6). doi: 10.7727/wimj.2014.016. [Epub ahead of print]
- Ramkissoon AP, Amarakoon II, Hamilton CC, **Pierre RB**, Eysaguirre LM, Carr JK, Blattner W, Roye ME. Analysis of Reverse Transcriptase and Protease Genes of HIV for Antiretroviral Drug Resistance in Treatment Exposed Jamaican Pediatrics. *AIDS Res Hum Retroviruses.* 2015 Jun 30. DOI: 10.1089/AID.2015.0122. [Epub ahead of print]
- **Pottinger AM.** The use of trauma counseling for children with attention-deficit hyperactivity disorder *International Journal for the Advancement of Counselling* 2015; 37(1): 17-27. Gray PB, Reece JA, Coore-Desai C, Dinnall-Johnson T, Pellington S, **Samms-Vaughan M.** Sexuality among fathers of newborns in Jamaica. *BMC Pregnancy Childbirth.* 2015 February 21;15:44.
- Rahbar MH, **Samms-Vaughan M**, Dickerson AS, Hessabi M, Bressler J, Desai CC, Shakespeare-Pellington S, Reece JA, Morgan R, Loveland KA, Grove ML, Boerwinkle E. Concentration of lead, mercury, cadmium, aluminum, arsenic and manganese in umbilical cord blood of Jamaican newborns. *Int J Environ Res Public Health.* 2015 Apr 23;12(5):4481-501.
- Rahbar MH, **Samms-Vaughan M**, Dickerson AS, Loveland KA, Ardjomand-Hessabi M, Bressler J, Shakespeare-Pellington S, Grove ML, Boerwinkle E. Factors associated with blood lead concentrations of children in Jamaica. *J Environ Sci Health A Tox Hazard Subst Environ Eng.* 2015;50(6):529-39.

- Ferguson TS, Younger-Coleman NO, Tulloch-Reid MK, Knight-Madden JM, Bennett NR, **Samms-Vaughan M**, Ashley D, McCaw-Binns A, Molaodi OR, Cruickshank JK, Harding S, Wilks RJ. Birth weight and maternal socioeconomic circumstances were inversely related to systolic blood pressure among Afro-Caribbean young adults. *J Clin Epidemiol*. 2015 Sep;68(9):1002-9.
- Rahbar MH, **Samms-Vaughan M**, Ma J, Bressler J, Loveland KA, Hessabi M, Dickerson AS, Grove ML, Shakespeare-Pellington S, Beecher C, McLaughlin W, Boerwinkle E. Interaction between GSTT1 and GSTP1 allele variants as a risk modulating-factor for autism spectrum disorders. *Res Autism Spectr Disord*. 2015 Apr 1;12:1–9.
- Rahbar MH, **Samms-Vaughan M**, Dickerson AS, Loveland KA, Ardjomand-Hessabi M, Bressler J, Shakespeare-Pellington S, Grove ML, Pearson DA, Boerwinkle E. Blood lead concentrations in Jamaican children with and without autism spectrum disorder. *Int J Environ Res Public Health*. 2014 Dec 23;12(1):83-105.
- Rahbar MH, **Samms-Vaughan M**, Dickerson AS, Loveland KA, Ardjomand-Hessabi M, Bressler J, Shakespeare-Pellington S, Grove ML, Pearson DA, Boerwinkle E. Blood manganese concentrations in Jamaican children with and without autism spectrum disorders. *Environ Health*. 2014 Aug 23;13:69.
- Rahbar MH, **Samms-Vaughan M**, Ma J, Bressler J, Loveland KA, Ardjomand-Hessabi M, Dickerson AS, Grove ML, Shakespeare-Pellington S, Beecher C, McLaughlin W, Boerwinkle E. Role of metabolic genes in blood arsenic concentrations of Jamaican children with and without autism spectrum disorder. *Int J Environ Res Public Health*. 2014 Aug 6;11(8):7874-95.
- Rahbar MH, **Samms-Vaughan M**, Dickerson AS, Loveland KA, Ardjomand-Hessabi M, Bressler J, Lee M, Shakespeare-Pellington S, Grove ML, Pearson DA, Boerwinkle E. Role of fruits, grains, and seafood consumption in blood cadmium concentrations of Jamaican children with and without Autism Spectrum Disorder. *Res Autism Spectr Disord*. 2014 Sep 1;8(9):1134-1145.



- Thompson DS, Ferguson TS, Wilks RJ, Phillips DI, Osmond C, **Samms-Vaughan M**, Forrester TE, Boyne MS. Early-life factors are associated with nocturnal cortisol and glucose effectiveness in Afro-Caribbean young adults. *Clin Endocrinol (Oxf)*. 2015 March; 82(3):352-8.
- **Thame MM**, Hsu JW, Gibson R, Baker TM, Tang GJ, Badaloo AV, Fletcher HM, Jackson AA, Jahoor F. Adaptation of in vivo amino acid kinetics facilitates increased amino acid availability for fetal growth in adolescent and adult pregnancies alike. *Br J Nutr*. 2014; 17:1-8. [Epub ahead of print]
- Harrison A, Fletcher Groves S, Gordon-Strachan G, **Thame M**. Factors affecting the choice and desire to exclusively breastfeed in Jamaica: A cross-sectional study at 6 weeks postpartum. *J Hum Lact*. 2015 Jul 2 pii: 0890334415593540. [Epub ahead of print].
- Christina C Kao, Jean W Hsu, Pratibha Dwarkanath,Jeffrey M Karnes,Tameka M Baker, Kurt M Bohren, Asha Badaloo, **Minerva M Thame**, Anura V Kurpad, Farook Jahoor. Indian Women of Childbearing Age Do Not Metabolically Conserve Arginine as Do American and Jamaican Women. *The Journal of Nutrition*. Published ahead of print April 1, 2015 as doi: 10.3945/jn.114.208231.
- Ellie Adler, Dr. Cheryl Alexis, Prof. Zulaika Ali, Dr. Upton Allen, Dr. Ute Bartels, Cassandra Bick, Dr. Jacqueline Bird-Compton, Dr. Curt Bodkyn, Dr. Rosemary Boyle, Stephanie De Young, Bonnie Flemingcarroll, Dr. Sumit Gupta, Patricia Ingram-Martin, Dr. Meredith Irwin, Dr. Melanie Kirby-Allen, Dr. Sharon Mclean-Salmon, Paul Mihelcic, Dr. Michelle Ann Richards-Dawson, Dr. Michelle Reece-Mills, Dr.Furqan Shaikh, Dr. Corrine Sinquee-Brown, **Dr. Minerva Thame**, Dr. Sheila Weitzman, Dr. Gilian Wharfe And Dr. Victor Blanchette. Bridging the Distance in the Caribbean: Telemedicine as a means to build capacity for care in paediatric cancer and blood disorders. Global Telehealth 2015: Integrating Technology and Information for Better Healthcare G. Gillis et al. (Eds.) *Stud Health Technol Inform*. 2015;209:1-8.

- Scott C, **Thame M.** The Incidence of Cardiac Lesions among Children with Down's Syndrome in Jamaica – A Prospective Study. *West Indian Med J.* 2014 Aug 26;63(7).
- Richardson C, **Trotman H.** Risk factors for the delivery of macrosomic infants at the University Hospital of the West Indies. *Am J Perinatol.* 2014 Nov;31(11):927-32

## ABSTRACTS

- A five year review of acute accidental poisoning in children at the Bustamante Hospital for Children: 2007–2011 TT Thomas, KA Bailey, M Antoine P0 - (02) *WIMJ*
- Hustedt JW, Christie C, Hustedt M, Esposito D, Vazquez M. Epidemiological and clinical risk factors associated with human bocavirus in children infected and uninfected with HIV in the Caribbean. Submitted *Journal of Medical Microbiology*, (IF - 2.529).
- Harrison A, James C, Chang S. Disordered Eating Behaviours and Attitudes in Jamaican Adolescents: Does the media play a role? *W.I. Med J*, 2015; 64(Suppl.2):25
- A. Harrison, C. James, M. Williams, A. Gardner, S. Clato-Day Scarlett, S. Chang. Adolescent Disordered Eating Behaviours and Attitudes in a Low-Middle Income Country. *J. AdolescHealth.* February 2015Volume 56, Issue 2, Supplement 1, Page S10.
- Hall-Parkinson D, Tapper J, **Melbourne-Chambers R.** Parent And Caregiver Knowledge, Beliefs And Responses To Convulsive Seizures In Children In Kingston, Jamaica – A Hospital Survey. *W.I. Med J*, 2015; 64(Suppl.2):10
- **Pottinger A.** Marijuana use and quality of sperm for fertility competency: A preliminary investigation. *W.I. Med J*, 2015; 64(Suppl.2):12
- E. Greenaway, K. Fearon, **M. Thame.** Effect of overweight and obesity on pregnancy and birth outcome. *W.I. Med J*, 2015; 64(Suppl.2):54.

## INVITED PROFESSIONAL AND ACADEMIC PRESENTATIONS

- Christie CD. Transition of HIV infected children from pediatrics into adult care. IWHOD symposium, 27 March, 2015, San Servelo Island, Italy.
- Christie CD. HIV in a resource challenged country – Jamaica. Invited Plenary Speaker at the Symposium to honor Professor Robert S. Baltimore, May 9, 2015; Yale University School of Medicine, New Haven, Connecticut, USA.

### **Harrison A.**

- **Harrison A**, James C, Williams M, Gardner A, Clato-Day Scarlett S, Chang S. Adolescent Disordered Eating Behaviours and Attitudes in a Low-Middle Income Country. Society for Adolescent Health and Medicine Annual Conference 2015. Los Angeles, February 2015.
- **Harrison A**, James C, Chang S. Disordered Eating Behaviours and Attitudes in Jamaican Adolescents: Does the media play a role? CARPHA Annual conference 2015. Grenada, June 2015.
- **Harrison A** “Special needs of the adolescent patient: Understanding the adolescent”. Faculty for Ministry of Health’s Regional training ‘Adolescent Health Standards and Criteria training events’– July 2015

### **Melbourne Chambers R.**

- Hall-Parkinson D, Tapper J, **Melbourne-Chambers R**. Parent And Caregiver Knowledge, Beliefs And Responses To Convulsive Seizures In Children In Kingston, Jamaica – A Hospital Survey. Caribbean Public Health Agency Health Research Conference, Grenada, 25–27 June, 2015.
- **Melbourne Chambers R**. The Role of the Electroencephalogram in the Child with Seizures. Paediatric Association of Jamaica 20th Biennial International Conference. Pre-conference Workshop. Kingston, Jamaica, April 17, 2015.

## Pierre R

- Evans-Gilbert, T; Reid, G; **Pierre, R.** “Perinatally HIV infected adolescents and early transition to adult care”. JAIDS 11/2014; 67. DOI: 10.1097/01.qai.0000456166.66149.ce. Platform presentation at the 16th Annual International Meeting of the Institute of Human Virology, Wednesday afternoon, September 17, 2014, Baltimore, Maryland, USA.

## Pottinger AM.

- “Marijuana use and quality of sperm for fertility competency: A preliminary investigation” 60th Annual Caribbean Public Health Agency (CARPHA) Health Research Conference, St Georges University, Grenada, June 24–27 2015.
- “Counselling infertile couples.” Assisted Conception Workshop for the Caribbean, Hugh Wynter Fertility Management Unit, The University of the West Indies, Mona, June 13, 2015.
- “Psychological support for assisted fertility” 14th Annual Perinatal Conference, Department of Child and Adolescent Health and Department of Obstetrics & Gynaecology , Main Lecture Theatre, Faculty of Medical Sciences, February 21–22, 2015
- “Neonatal end of life care” (panel discussion). Paediatric Association of Jamaica Annual Ethics Seminar, Paediatric Association of Jamaica, Knutsford Court Hotel, September 25 2014.

## Samms-Vaughan, ME.

- Rahbar, M. H., **Samms-Vaughan, M.**, Dickerson, A. S., Hessabi, M., Bressler, J., Coore Desai, C., Shakespeare-Pellington, S., Reece, J-A., Morgan, R., Loveland, K. A., Grove, M. L., Boerwinkle, E. Concentration of Lead, Mercury, Cadmium, Aluminum, Arsenic and Manganese in Umbilical Cord Blood of Jamaican Newborns. 2015. Denver, CO. Society for Epidemiologic Research (SER) 48th annual Meeting, June 16–9, 2015.
- Rahbar, M. H., **Samms-Vaughan, M.**, Ma, J., Bressler, J., Dickerson,

A. S., Hessabi, M., Loveland, K. A., Grove, M. L., Shakespeare-Pellington, S., Beecher, C., McLaughlin, W., Boerwinkle, E. Synergic effect of GSTP1 and blood manganese concentrations in Autism Spectrum Disorder. 2015, Salt Lake City, Utah, USA. The International Meeting for Autism Research (IMFAR), 14th Annual Meeting May 13–16, 2015.

- KD Rocke, TS Ferguson, NO Younger-Coleman, MK Tulloch-Reid, JM Knight-Madden, **M Samms-Vaughan**, D Ashley, A McCaw-Binns, RJ Wilks The Relationship Between Birth Weight and Renal Function in Afro-Caribbean Young Adults: Analysis from the 1986 Jamaica Birth Cohort Study. FMS Research Day, November 2014.

**Thame M.**

- Why Research? Research Methodology Workshop, Spanish Town Hospital April, 2015.

## **PUBLIC SERVICE**

### **Christie CDC**

- Member, Governing Council of the International AIDS Society
- Member, Collaborative Initiative for Paediatric Education and Research (CIPHER), Governing Council, International AIDS Society
- Member, Research Grant Working Group, Collaborative Initiative for Paediatric Education and Research (CIPHER), Governing Council, International AIDS Society
- Chair, “Rethinking the Pharmaceutical Industry Liaison Forum (ILF)” of the International AIDS Society (IAS)
- Fellow, Infectious Diseases Society of America,
- Member, Pediatric Infectious Diseases Society of America
- Founding Member, HIV Medicine Association of America
- Member, International Association of Physicians in HIV/AIDS Care
- Member, International Society for Infectious Diseases

- Vice Chancellor’s Representative, UWI, to the Executive, Center for HIV/AIDS Research and Training (CHART)
- Director, Jamaica’s National Program for the Elimination of Congenital HIV/AIDS and Syphilis and JaPPAAIDS, at the invitation of Jamaica’s Minister of Health, Dr Fenton Ferguson
- Senior Member, Elimination of Mother to Child Transmission (eMTCT) of HIV and Syphilis, Oversight Committee and its many Subcommittees, eg., Database, Cascade for pMTCT Syphilis,
- Chair, Clinical Trials Advisory Committee, Faculty of Clinical Sciences, UWI Mona
- UWI representative, Centre for HIV/AIDS Research and Training (CHART)
- Member, *West Indian Medical Journal*, Editorial Board
- Chair, Principal’s Research Awards Committee, Faculty of Medicine, UWI
- Chair, Clinical Trials Oversight Committee, UWI – Mona
- Special Project Lead – Collaboration between UWI and Yale University School of Medicine.

#### **Harrison A**

- Chairman, Board of Visitors, Metcalfe Street Secure Juvenile Centre
- Vice-President Caribbean region Executive council,– International Association for Adolescent Health
- Member, Adolescent Policy Working group – Ministry of Health, Jamaica
- Member, Steering Committee, ‘All-in project’. Ministry of Health and UNICEF.
- Reviewer for PLOS One and West Indian Medical Journal

#### **Pierre R.**

- World Health Organization (WHO) Department of Maternal, Newborn, Child and Adolescent Health (MCA) and the Department

of HIV/AIDS: Technical consultation on the treatment of HIV among adolescents 22–23 September 2014 at the Chateau de Penthes, Geneva, Switzerland, WHO Temporary Advisor

- Team Chair, and Member of Accreditation Team selected by Caribbean Accreditation Authority for Education in Medicine and Other Health Professions (CAAM-HP) for site visit to St. James School Ross University School of Medicine and Clinical Affiliates, January 18–25, 2014
- Abstract reviewer: for the 8th International AIDS Society (IAS) Conference on HIV Pathogenesis, Treatment and Prevention (IAS 2015), 19–22 July 2015 in Vancouver, Canada.
- Chairman / Chief Examiner of the Caribbean Association of Medical Councils (CAMC) Examination Committee
- Member, National HIV Quantification Technical Sub Committee, Ministry of Health, Jamaica; June 2013 to date

#### **Pottinger AM**

- Coordinator, Counselling services, Eden Garden Service Center, outreach programme of Webster Memorial United Church, responsible for supervising volunteer counselors, and monitoring and evaluating counselling service to the public
- Member, Steering Committee, Psychology and Counselling Standards, University Council of Jamaica

#### **Samms-Vaughan M.**

- Chairman, Early Childhood Commission
- Member, IADB Early Childhood Advisory Group
- Director, Usain Bolt Foundation
- Director, Family Life Ministries
- Director, Vaz Preparatory School Board
- Director, Promise Learning Centre Board