

## DEPARTMENT OF OBSTETRICS, GYNAECOLOGY AND CHILD HEALTH

Professor Horace M. Fletcher, BSc, MB BS, DM(O&G),  
FRCOG, FACOG – Head of Department

### WORK OF THE DEPARTMENT

The main focus of the department is to improve the health and welfare of families, in particular women and children in the region. This is done through clinical (service) work and academic (teaching and research). The department comprises Obstetric and Gynaecological services (reproductive endocrinology, gynaecological oncology and perinatal services) as well as Child Health dealing with medical problems, neonatology and psychological disorders (development and behavioural Paediatrics).



We teach medical students, postgraduate students (Doctorate Medicus Obstetrics/Gynaecology and Paediatrics) as well as supervise other post Graduate students M Phil and PhD. We also assist in the teaching of Midwives and nurses.

#### **Child Health**

This department is comprised of two medical wards, one neonatal intensive care unit and several out patient clinics. The main subspecialties include infectious diseases, development and behavioural Paediatrics, endocrinology, cardiology, gastroenterology, neonatology, nephrology, neurology and pulmonology. Complications of medical conditions are managed in conjunction with other specialties. Residents and medical students are taught and referrals are accepted from the rest of the islands of the Caribbean. The section of Child Health successfully staged the second Biennial Child Health conference Entitled Issues in Paediatric Endocrinology for General Practitioners May 1-2 2004. This conference saw excellent presentations by a multidisciplinary faculty of esteemed experts from Jamaica and the United States. There were

approximately 150 registrants including paediatricians, general practitioners, nurses physiotherapists, medical and nursing students

### **Minority International Research Training (MIRT) Programme**

National Institutes of Health

The MIRT programme, jointly coordinated by Michigan State University (MSU) and the Section of Child Health, and funded by the NIH is now in its eighth year.

Obstetric Perinatal Service

The Perinatal service manages high risk obstetric cases and accepts referrals from the rest of the island as well as the rest of the Caribbean. It is run by Drs Kulkarni, Mullings, Simms-Stewart and Samuels. The Unit also has facilities for teaching post graduate and medical students. Perinatal Audit for 2007, UWI, Mona, February 9-10, was attended by over 600 delegates. This was a joint effort between Obstetrics and Gynaecology and the Neonatology group from Child Health with external review by practitioners from outside units. The theme for the conference was perinatal nutrition.

Oncology Unit

This is run by 4 Consultants Professor Fletcher, Dr Rattray, Dr Mitchell and Dr. Ian Bambury. The Unit is also run By Sister Nash and her team of nurses as well as residents who rotate through on a monthly basis. The services offered are consultations for patients with gynaecological tumours, colposcopic diagnosis and treatment, and surgery for gynaecological tumours. The Unit also has facilities for teaching post graduate and medical students.

Sterility & Fertility

The members of the Sterility & Fertility firm and Fertility Management Unit resumed the In Vitro Fertilization and Embryo Transfer Programme for the treatment of infertile patients from Jamaica and the wider Caribbean. The programme was restructured to streamline and accommodate the treatment of infertile couples on a continuous basis. Professor Joseph Frederick as director of the programme with Drs. Shaun Wynter, Vernon DaCosta John Harriott and Loxley Christie as clinicians and Dr. Audrey Pottinger and Sister McKenzie as counselors. Two other staff members in the programme are Miss Denise Everett, a senior embryologist (Biologist) and Miss Hillary Walters a staff Nurse as

the coordinator of the programme. Since the resumption, the pregnancy rates have shown considerable improvement as we are also achieving pregnancies from the frozen embryos and donor eggs. A major breakthrough is that all the documents required for the registration of the drugs used in the programme have been submitted to the Pharmaceuticals & Regulatory Affairs in the Ministry of Health.

The unit also undertakes operative and diagnostic laparoscopy, contraception and sterilisation advice and management. Counseling in family planning and family life is also offered.

#### PAPERS PRESENTED:

Christie CDC

- “Pediatric and Perinatal HIV/AIDS in Jamaica.” 44th Annual Conference, Infectious Diseases Society of America, Toronto, Canada, October, 2006.
- “International Health and Cricket World Cup – Exotic Infectious Diseases.” Biennial Conference, Pediatric Association of Jamaica, March, 2007.
- “Pentavalent Human-Bovine Reassortant Rotavirus Vaccine (PRV) Reduced Healthcare Resource Utilization (HCRU) in Jamaican Infants.” Yale University School of Medicine, Connecticut, USA, April 2007.
- “Pediatric and Perinatal HIV/AIDS in Jamaica 2002-2006”. William Dennis 6th Memorial Symposium, University Hospital of the West Indies, July 2007.

Fletcher H.

- “Cardiovascular disease risk profile and Osteoporosis in Jamaican black women with surgical and natural menopause.” American College of Obstetrics and Gynaecology 2007.
- “Preventing Cancer of the Cervix HPV Vaccine”. Grabham Society Annual Symposium 2006.

Bailey, K.

- “Update on Bronchiolitis”. Medical Staff of KSA – Ministry of Health, November 2006.

- “A practical Guide to Asthma Management based on Control”. Paediatric Association of Jamaica, April 2007.
- “Management of Acute Asthma:” Medical Staff of KSA – Ministry of Health, May 2007.
- “Journey to Total Control” A GINA UPDATE , Western Branch of the Pharmaceutical Society of Jamaica, July 2007

Harriott J.

- “Contraception in Cardiovascular Disease”. Grabham Society Annual Symposium 2007.
- “Impact of Nutrition on Fertility”, Department of Obstetrics and Gynaecology Perinatal Conference 2007
- “Trends in Semen Analysis in a Cohort of Sub-Fertile Jamaican Couples”. Advanced Training and Research in Infertility Unit, Reproductive Health Conference 2006.

Kulkarni S.

- “Annual Perinatal Conference”. Department of Obstetrics & Gynaecology Skills Workshop, February 2007.

Melbourne Chambers R.

- “Normal Sleep and Sleep Disorders in Childhood.” Spanish Town Hospital, April 2007.
- “Management of The Child with Epilepsy,” Spanish Town Hospital, January 2007.
- “Congenital Developmental Anomalies of the Brain.” Caribbean Association of Neurosurgeons Conference. Montego Bay, Jamaica.
- (with Donaldson D, Trotman H, Barton M.) “Results of Laboratory Investigations In Children Presenting With Seizures And Fever, University Hospital of The West Indies. 15th Annual Research Conference and Workshop, Faculty of Medical Sciences, UWI, Mona, November 2006.
- (with Donaldson D, Barton M, Trotman H.) “Outcome of Children Presenting to the University Hospital of the West Indies with a Diagnosis of Febrile Seizures,” 15th Annual

Research Conference and Workshop. Faculty of Medical Sciences, UWI, Mona, November 2006.

- “Management of The Child with Epilepsy.” Paediatric Association of Jamaica Symposium. May Pen Hospital. November 2006.
- “Management of the Child with Epilepsy.” Ena Thomas Memorial Symposium, Medical Association of Jamaica, November 2006.

Mullings, A.

- “Regulatory and Ethical issues in HIV Research in the Caribbean - Informed Consent and Issues Specific to Mothers and Children,” HIV / AIDS Symposium, Kingston, Jamaica, December 2006.
- “A Case For Discussion - Aneuploidy - To Screen Or Not To Screen,” Clinico-Pathological Conference, Faculty of Medical Sciences, Mona, March 2007.
- “Prophylactic Antibiotics in Gynaecology,” ACOG District IV (West Indies Section) Annual Symposium, March 31, 2007.
- “A Tubal ligation or litigation: counseling, consent, failure and liability.” Grabham Society Annual Symposium, July 2007.

Pierre RB.

- “Breastfeeding and the HIV infected infant.” 6th Annual Perinatal Conference 2007, Main Medical Lecture Theatre, University Hospital of the West Indies, February 2007.
- “Paediatric HIV Management.” National HIV/STI Control Programme / ERTU-CHART Annual HIV Management Workshop; May 2007, Knutsford Court Hotel, Kingston, Jamaica.

Pottinger, Audrey

- “Impact and implications of migration loss for children.” Caribbean Psychiatric Association Annual Scientific Conference, Sunset Jamaica Grande, Ocho Rios, August 2006.

Thame, Minerva

- “Body Composition in pregnancies of adolescent girls and mature women and the impact on fetal growth and birth anthropometry.” WHO Integrated Strategy to Promote Optimal Foetal Growth and Development, CFNI/ PAHO/ WHO ,2006.
- “Endocrinopathy of IUGR and the Impact on Adult Diseases.” Paediatric Second Biennial Paediatric Conference, 2006.
- “Weight retention in the puerperium in adolescents: A risk factor for obesity?” Caribbean Health Research Council St Kitts & Nevis 51st Annual Council and Scientific Meeting. 2006.
- (with Lewis J, Sergeant GR, Trotman H.) “Maternal weight and weight gain in homozygous sickle cell disease during pregnancy.” Caribbean Health Research Council 52nd Annual Council and Scientific Meetings, Jamaica, May 2007.

Trotman H.

- (with Garbutt A.) “Outcome of infants with hypoxic ischaemic encephalopathy admitted to the neonatal unit, University Hospital of the West Indies.” Caribbean Health Research Council 52nd Annual Council and Scientific Meetings, Jamaica, May 2007.

Wynter S.

- “Tic Toc goes the Reproductive Biology Clock, Time is Running Out.” Advanced Training and Research in Fertility Management Unit Conference, The Courtleigh Hotel, Kingston, October 2006
- “Infertility Treatment for Polycystic Ovarian Syndrome- The way forward.” MAJ Annual Conference, Meridien Pegasus Hotel Kingston Jamaica, June 2007

Posters

- Donaldson D, Melbourne-Chambers R, Trotman H. The outcome of children presenting to the University Hospital of the West Indies with a diagnosis of febrile seizures. FMS 15th Annual Research Conference November 2006.

- Tomlinson T, Scott C, Trotman H. The epidemiology of cardiac lesions seen in children with Trisomy 21, Bustamante Hospital for Children. FMS 15th Annual Research Conference November 2006.
- Donaldson D, Trotman H, Barton M, Melbourne-Chambers R. Results of laboratory investigations in children presenting with seizures and fever at the University Hospital of the West Indies. FMS 15th Annual Research Conference November 2006.

## PUBLICATIONS

### Refereed Journal

*WIMJ = West Indian Medical Journal*

- \* Dunkley-Thompson J., Figueroa JP., Christie CDC. The "Missed" Population of Perinatally-acquired HIV-Infected Adolescents in Jamaica. *WIMJ*, 2006; 55(5):295-297.
- \* Lalor GC., Vutchkow MK., Bryan ST., Christie CDC., Donaldson D., Young J., Chambers S. Acute lead poisoning associated with backyard lead smelting in Jamaica. *WIMJ*, 2006; 55(6):394-398.
- \* Vesikari T., Itzler R., Matson D., Santosham M., Christie CDC, Coia M., Cook JR., Koch G., Heaton P. Efficacy of a Pentavalent Rotavirus Vaccine in Reducing Rotavirus-Associated Health Care Utilization Across three Regions and eleven Countries. *International Journal of Infectious Diseases*, Special issue, July 2007.
- \* Levy N, Wierenga A, Fletcher H and McFarlane-Anderson N. Blood Pressure, Nitric Oxide Levels and the Glu298Asp variant of Endothelial Nitric Oxide Synthase and Pre-eclampsia in Jamaican Women. *J Obstet and Gynaecol* 2007 27:283
- \* Fletcher H, Wharfe G, Williams E, Hanchard B, Mitchell D. Multiple Metachronous Malignancies, One patient with three primary malignancies: a case report. *J of Med Case reports* 2007 1:15
- \* Duncan ND, Brown B, Dundas SE, Wierenga K, Kulkarni S, Pinnock-Ramsaran C, Abel C. "Minimal intervention

- management" for gastroschisis: a preliminary report. WIMJ, 2005 Mar; 54(2):152-4
- \* R. Melbourne Chambers, I. Singh Minott MB.BS, L. Mowatt, P. Johnson, M. Thame. Aicardi syndrome associated with anterior cephalocele in a female infant. Dev Med and Child Neur 2007; 49: 464-466
  - \* Pepple DJ, Mullings AM, Reid HL. Fetal Haemoglobin Level in Pre-eclampsia. WIMJ, 2006; 55: 130
  - \* Mullings AM. Research Ethics Committees - preserving research integrity and the public trust. Editorial - WIMJ, 2007; 56: 105-7
  - \* Eck C, Pierre RB, Hambleton IR. Medical paediatric admission patterns, University Hospital of the West Indies: Issues for future planning. WIMJ, 2006; 55 (5): 340-345.
  - \* Waszak Geary, C., Wedderburn, M., McCarraher, D., Cuthbertson, C., Pottinger AM. "Sexual violence and reproductive health among young people in three communities in Jamaica." Journal of Interpersonal Violence, 2006; 21(11):1512-33
  - \* Pottinger AM, C McKenzie, J Frederick, V Dacosta, S Wynter, D Everett, Y Walters. Gender differences in coping with infertility among couples undergoing counseling for in vitro fertilization treatment, UWI. WIMJ, 2006 ; 55 (4): 237-242.
  - \* Trotman H, Bell Y, Thame M, Nicholson A, Barton M. Predictors of poor outcome in neonates with bacterial sepsis admitted to the University Hospital of the West Indies. WIMJ, 2006; 55(2):80-83.
  - \* Samms-Vaughan M, Thame M, Osmond C, Hambleton I, McCaw-Binns A, Ashley D, Serjeant G. Growth Curves for Normal Jamaican neonates. WIMJ, 2006; 55(6):367-373
  - \* Thame M, Osmond C, Trotman H, Fletcher H, Antoine A. Body Composition in Pregnancies of Teenage Girls and Mature Women and the Impact on Birth Anthropometry. Eur J Clin Nutr. 2007 Jan;61(1):47-53. Epub July 2006.



- \* Walker S, Thame M, Chang S, Bennett F, Forrester T. Association of growth in utero with cognitive function at age 6-8 years. *J Early Hum Dev.* 2007; 83: 355-360; Epub, July 2006.
- \* Melbourne-Chambers R, Singh Minott I, Mowatt L, Johnson P, Thame M. Aicardi syndrome associated with anterior cephalocele in a Jamaican infant. *Dev Med and Child Neur* 2007; 49: 464-466.
- \* Thame M, Trotman H, Osmond C, Fletcher H, Antoine M. Body composition in pregnancies of adolescents and mature women and the relationship to birth anthropometry. *Eur J Clin Nutr.* 2007; 61:47-53 Epub, July 2006.
- \* Trotman H, Barton M, Antoine M. Hyponatremic dehydration in exclusively breastfed infants: a potentially fatal complication. *WIMJ,* 2006; 55: 282-85.

**Books and Monographs:**

**Technical Report**

- \* Development and implementation of the Caribbean Association of Medical Councils Registration Examination. RB Pierre, A McDonald (Editors). Office of the Dean, Faculty of Medical Sciences, UWI, Mona, Jamaica, May 2007. Report submitted to the Board of the Caribbean Association of Medical Councils.
- \* Adolescent Lifestyle Education for Risk-Reduction Training Materials (ALERT): Evaluation of implementation for the Adolescent Lifestyle Education Project funded by Global Fund for AIDS Tuberculosis and Malaria; prepared by RB Pierre for HOPE worldwide Jamaica, July 2006.
- \* Positive Parenting Programme: Report on the evaluation of implementation for the Adolescent Lifestyle Education Project funded by Global Fund for AIDS Tuberculosis and Malaria; prepared by RB Pierre for HOPE worldwide Jamaica, July 2007.

Non-refereed

- \* Pottinger AM and Williams Brown S. (2006). Understanding the impact of parental migration on children: Implications for counseling families from the Caribbean. *VISTAS:*

Perspectives in Counseling (online publication of the  
American Counseling Association  
<http://counselingoutfitters.com/Pottinger.htm>

## **ABSTRACTS:**

### Peer-reviewed Abstracts

- \* Pottinger A, La Hee F, Asmus K. Unrecognised Attention Deficit Hyperactivity Disorder in university students: Is there need for public health concern? WIMJ, Supplement 2006: 55, (Suppl 2)p. 68.
- \* Pierre R, Steel-Duncan J, Evans-Gilbert T, Rodriquez B., Moore J., Palmer P., Smikle M., Davis D., Figueroa P., Christie CDC. Outcomes of Interventions in Treating Pediatric HIV/AIDS in Jamaican Children, Oral Abstract Session 8: HIV I, Abstract: 54, 44th IDSA abstracts, Infectious Diseases Society of America, October 2006, page 50.
- \* Pilgrim N., Kershaw T., Pierre RB., Moore J., Palmer P., Davis D., Christie CDC. HIV positive adolescents in Jamaica: Do they differ by guardian status. WIMJ, 36; 55(4); 2006
- \* Christie CDC, Duncan ND, Thame KT, Onorato MT, Smith H, Malcolm L, DiNubile M, Itzler R, Heaton P. Pentavalent Human-Bovine Reassortant Rotavirus Vaccine Reduced Healthcare Resource Utilization in Jamaican Infants of African Descent from Low to Middle Income Families. Vaccines for Enteric Diseases Conference, Pestana Palace Hotel, Lisbon, Portugal, April 2007; Session 4 - Rotavirus Vaccines II; Oral presentation; VED 111.
- \* Evans-Gilbert T., Reid G., Amir Y., Steele-Duncan J., Pierre R., Christie CDC., Figueroa JP. Monitoring adherence in a cohort of HIV-infected Jamaican children on Highly active antiretroviral therapy. B35 Adherence/Compliance. Abstract and Poster presentation, International AIDS Society, Australia, July 2007.
- \* Watt A, Ragin C, Younger N, Garwood D, Jackson M, Smikle M, Fletcher H, McFarlane-Anderson N. Human Papilloma-

- virus (HPV) Infection in Jamaican Women, WIMJ, (Supp 4) 2006 55:23
- \* Simon GA, McFarlane-Anderson N, Fletcher H, Golden K, Wharfe G, Ogegbo O, Annie Bligh SW, Branford-White. Phytoestrogen levels in Selected Jamaican Food C, WIMJ, (Supp 4) 2006 55:24
  - \* Brooks A, Wharfe G, Pedican M, Fletcher H, Williams N. Fatal Pulmonary Embolism In Jamaican Women a Five Year Review of Post Mortems at UHWI, WIMJ, (Supp 4) 2006 55:32
  - \* Simms-Stewart D, Ennis A, Bambury I, Williams N and Fletcher H. A Review of Gestational Trophoblastic Disease at the University Hospital of the West Indies during the years 2002-2005 and a Comparison with the Data for the years 1994-1998. WIMJ, (Supp 4) 2006 55:42
  - \* Watt A, Ragin C, Younger N, Garwood D, Jackson M, Smikle M, Fletcher H, McFarlane-Anderson N. Investigating Human Papilloma Virus infection in pregnant and non-pregnant women in Jamaica. WIMJ, (Supp1) 2007 56:19
  - \* Fletcher H, Mitchell S, Bennett F, Simms-Stewart D, Scott P, Reid M, Williams N, Wharfe G and Wilks R Difference in Cardiovascular disease risk profile and Osteoporosis in Jamaican black women with surgical and natural menopause. WIMJ, (Supp1) 2007 56:40
  - \* Dunkley-Thompson J, Pierre R, Steel-Duncan J, Palmer P, Davis D, Figueroa P, Christie CDC. Bacille Calmette-Guérin lymphadenitis following antiretroviral therapy in Jamaican infants with rapid progressor HIV disease. B15- Immune reconstitution syndrome. E-Journal of the International AIDS Society. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006; THPE0077.
  - \* Christie CDC, Steel-Duncan J, Palmer P, Pierre R, Harvey K, Johnson N, Anderson M, Billings C, Evans-Gilbert T, Dunkley-Thompson J, Rodriguez B, McDonald C, Moore J, Smikle M, Williams E, Whorms S, Davis D, Mullings A, McDonald D, Morgan O, Alexander G, Onyonyor O, Hylton-Kong T, Harris M, Hambleton I, Figueroa JP. A Pediatric and Perinatal HIV/AIDS Leadership Initiative in Greater

Kingston, Jamaica – Year Three's Results. B50-Care in Resource-limited settings. E-Journal of the International AIDS Society, 16th International HIV/AIDS Conference, Toronto, Canada, Aug 13-18, 2006, # CD1158.

- \* Pierre R, Steel-Duncan J, Evans-Gilbert T, Rodriguez B, Moore J, Palmer P, Smikle M, Davis D, Figueroa J, Christie CDC. Effectiveness of interventions in treating Paediatric HIV/AIDS in Jamaican children. B-46 - Paediatrics - Infants, children, adolescents. E-Journal of the International AIDS Society. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006, # CDB1017.
- \* White YRG, Pierre RB, Steel-Duncan J, Palmer P, Evans-Gilbert T, Moore J, Rodriguez B, Christie CDC. Predictors of adherence to antiretroviral therapy (ART) in Jamaican children with HIV/AIDS. B-34, Adherence/Compliance. E-Journal of the International AIDS Society. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006, # CDB0750.
- \* Pryce C, Pierre R, Steel-Duncan J, Evans-Gilbert T, Palmer P, Moore J, Rodriguez B, Christie CDC. Safety of Antiretroviral Drug Therapy in Jamaican Children with HIV/AIDS. B33 - Other adverse reactions and complication of antiretroviral therapy. E-Journal of the International AIDS Society. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006, # CDB0724.
- \* Steel-Duncan J, Miller M, Pierre R, Dunkley-Thompson J, Palmer P, Evans-Gilbert T, Rodriguez B, Christie CDC. HIV-Associated Nephropathy in Jamaican Children. E-Journal of the International AIDS Society. Non-OI related clinical infections. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006; # CDB0277.
- \* Dunkley-Thompson J, Steel-Duncan J, Pierre R, Palmer P, Billings C, Anderson-Allen M, Moore J, McDonald-Kerr C, Taylor F, Evans-Gilbert T, Rodriguez B, Davis D, Figueroa P, Christie CDC. Lost Opportunities for MTCT of HIV in Greater Kingston, Jamaica. C42 - Monitoring and evaluation of prevention programs. E-Journal of the International AIDS Society. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006; # CDC1828.

- \* Evans-Gilbert T, Steel-Duncan J, Pierre R, Rodriguez B, Palmer P, Figueroa JP, Christie CDC. HIV Related Mortality in Jamaican Children. B4 – Disease burden – morbidity/mortality. E-Journal of the International AIDS Society. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006; # CDB0045.
- \* Smikle MF, Pierre R, Christian N, Heslop O, Steel-Duncan J, Evans-Gilbert T, Rodriguez B, Palmer P. Christie CDC. Polymerase chain reaction (PCR) assays for predicting infant human immunodeficiency virus (HIV) infection in Jamaica. B6 - Diagnostic and laboratory monitoring tools including in the context of resource-poor settings. E-Journal of the International AIDS Society. 16th International HIV/AIDS Conference, Toronto, Canada, August 2006; # CDB0109.
- \* Pierre R, Steel-Duncan J, Evans-Gilbert T, Rodriguez B, Moore J, Palmer P, Smikle M, Davis D, Figueroa JP, Christie CDC. Outcomes of Interventions in Treating Pediatric HIV/AIDS in Jamaican Children. Oral Abstract Session 8: HIV 1, Abstract: 54, 44th IDSA abstracts, Infectious Diseases Society of America, October 2006, page 50.
- \* Pilgrim N, Kershaw T, Pierre RB, Moore J, Palmer P, Davis D, Christie CDC. HIV positive adolescents in Jamaica: do they differ by guardian status? WIMJ, 2006; 55 (4): 42.
- \* Mullings J, Ramsay H, Pierre R. A matter of survival: a perspective of the child with HIV. WIMJ, 2006; 55 (4): 38.
- \* Evans-Gilbert T, Reid G., Amir Y. Pierre R, Steel-Duncan J, Christie C, Figueroa JP. Monitoring adherence in a cohort of HIV infected Jamaican children on HAART B45 Pediatrics - infants, children, adolescents, disclosure of HIV disease. 4th IAS Conference on HIV Pathogenesis, Treatment, and Prevention Sydney Australia, July 2007; # WEPEBO93

## **INCOME GENERATION**

### Research Grants:

Christie CDC (Principal Investigator) 2007  
 “Pediatric HIV/AIDS Leadership Initiative in Kingston, Jamaica”  
 International Leadership Award, Elizabeth Glaser Pediatric AIDS  
 Foundation – Extension. US\$50,000.00

Christie CDC (Principal Investigator)

"A prospective observational study of HIV-infected pregnant women and their infants at Clinical sites in Latin America and the Caribbean" March 1, 2006 through October 31, 2007, and "A prospective, observational study of HIV-exposed and HIV-infected children at clinical sites in Latin America and Caribbean Countries" Mar 1, 2006 to Oct 31, 2007; National Institutes of Health, (NIH), National Institutes of Child Health and Human Development (NICHD), WESTAT grant N01-HD-3-3345; – US\$538,588.00

Feeney M. (Principal Investigator), Christie CDC, Co-investigator. Elizabeth Glaser Scientists Award, January 2006 to December 2011; "The Immune Response to Acute Perinatal HIV Infection", Dr. Feeney's project will involve detailed longitudinal studies of the HIV-specific immune response and viral evolution during the early years following perinatal infection and will build upon the existing collaboration with Dr. Celia Christie's Perinatal AIDS Program in Kingston, Jamaica. The project compares the HIV-specific immune response during early HIV infection among adults and children, to elucidate developmental differences in the antiviral response of CD4 and CD8 T cells. US\$112,000.

Feeney M. (Principal Investigator), Christie CDC, Co-investigator. "The impact of CD8 T cells on viral control and evolution in HIV-infected infants. National Institutes of Health (NIH) grant, total amount to UWI, \$135,000 USD's December 1, 2006 through November 30, 2011 (ie., \$19,285.71 USD's per annum for 7 years). In collaboration with Dr Celia Christie's Perinatal and Pediatric AIDS Program in Kingston, Jamaica, this project will address the CD8 T cell response and viral evolution during the first 18 months following perinatal transmission, with an emphasis on CD8 responses restricted by class I HLA alleles associated with good and bad outcome in clade B HIV infection. US\$19,285.71 per annum for 7 years.

Christie CDC (Principal Investigator) 2002 - 2006

"Mega-trial of Safety and Efficacy of Pentavalent (G1, G2, G3, G4, and P1) Human Reassortant Rotavirus Vaccine in Healthy Infants", Merck and Co., USA. Grant amount -US \$1,861,020.00. This is a RCT 1:1 trial of the human bovine reassortant rotavirus vaccine in 70,321 infants, from 11 countries. We enrolled 1,805 subjects (the world's largest enrolling site, and none were lost to one year follow-up for intussusception); N Engl Jour Med, 2006; 354:23-33. Underwent (and

survived) a one-week FDA inspection of the records for this project; which was performed because of the large volume of subjects enrolled in this trial. US\$1,861,020.00.

Christie CDC (Principal Investigator) 2002 - 2005  
"Pediatric HIV/AIDS Leadership Initiative in Kingston, Jamaica"  
International Leadership Award, Elizabeth Glaser Pediatric AIDS Foundation. US\$472,500.00.

Christie CDC (Principal Investigator) 2003 - 2005  
"Pediatric HIV/AIDS Outreach Clinics in Jamaica". Embassy of Jamaica, Washington, DC, 2003. US\$4,855.28.

Professor Horace Fletcher – 2006 Research Grant from PAHO to Population Council/Ministry Health/UWI for the study Emergency Contraception Provider Knowledge Attitude and Practices in the Caribbean (Co-investigator) US\$10,909.51.

M Gossell Williams, Co-Investigators: M. Samms-Vaughan, H Fletcher, Gerber Baby Foods & University of North Carolina. Choline and neuro-development in humans. 1/1/05 – 30/6/08. US\$ 155,000.00

H Fletcher, Principal Investigator (2006)  
Cardiovascular disease and osteoporosis in women who use Depo-Provera long term. UWI Research and Publication Fund, J\$300,000

"Knowledge, attitudes and practices among health care workers and students, to occupational exposures at the University Hospital of the West Indies" UWI Mona Research and Publications Fund, S Jackson, A Mullings, E Williams, J Williams-Johnson, J Farr, G Gordon-Strachan. J\$50,000

Simms-Stewart, Donnette  
Twin Birth Study. (Principal site investigator) Data Coordinating Centre: University of Toronto. Maternal, Infant and Reproductive Health Research Unit. US\$8,000

R. Wilks, Co-Investigators: D. Ashley, F. Bennett, T Ferguson, T Forrester, M. Jackson, J. Knight-Madden, M. Samms-Vaughan, K. Vaughan, N. Younger. National Health Fund, CHASE Fund, Caribbean Cardiac Society, Caribbean Health Research Council, UHWI. The impact of early-life experiences on cardio-vascular risk in Jamaica: 1/1/05 - 30/6/06 J\$14,000,000.00

M. Samms-Vaughan. UNICEF. The evaluation of a community based parenting programme in Jamaica. 1/1/05 – 30/6/06. Phase I J\$1,775,250.00

P.I.: M. Samms-Vaughan. Dudley Grant Memorial Trust (through EFJ), World Bank. A proposal for the review and selection and/or development of instruments to assess the physical, cognitive and emotional development of children 0-6 years, including those with special needs. 1/2/04 - 31/1/06. Phase I J\$2,500,000.00

M. Samms-Vaughan. E. Le Franc. PI Jamaican Site: Wellcome Trust. Migration, Family Structures and Morbidity from External Causes 1/1/04 - 30/6/06: US\$338,130.00

P.I.: M. Lambert, Co-Investigators M. Samms-Vaughan, F. Hickling. Michigan State University Grant. Measuring the co-morbidity of substance abuse, violence, psychopathology, help-seeking behaviour and attitudes towards substance abuse, violence, mental illness and the afflicted: A project aimed at providing culturally relevant Jamaican assessment instruments and empirical data to inform Jamaican health policy and program decisions. 1/1/03 - 30/6/06: J\$720,000.00

P.I.: Children's Issues Coalition, UWI. Founding Members: E. Leo-Rhynie, Prof. S.Walker, M. Samms-Vaughan, Rose Davies, J. Meeks-Gardner, Janet Brown, Sian William. UNICEF and The Environmental Foundation of Jamaica. Development of a regional Children's Journal and regional database on children's issues. 1/1/02 - 31/12/05; US \$15,000.00 and J\$2,286,387.00

Minerva Thame. A comparison of anthropometry of mothers and infants within the puerperium with respect to maternal age. Caribbean Health Research Council. US\$ 8,604.00

Minerva Thame. Congenital Cardiovascular Malformation in Jamaican Children with Down's Syndrome (DS) The Caribbean Cardiac Society Cardiovascular Health Research Grant, US\$10,000.00

Minerva Thame. Relationship between maternal nutritional status and pregnancy outcome. Baylor College. US\$30,000.00

Investigators A. Pottinger, C. Rattray, H. Trotman. Caribbean Health Research Council. The relationship between maternal depression, pregnancy and birth outcome. US \$10,000



## PUBLIC SERVICE

### Professor C Christie

- 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
- Non-Executive Board Member, Scotia Group Jamaica Limited; Bank of Nova Scotia Jamaica Limited; Bank of Nova Scotia Jamaica Life Insurance Company Ltd

### Professor Horace Fletcher

- Chairman, West Indies Section, American College of Obstetricians and Gynecologists District IV
- Reviewer, West Indian Medical Journal
- Reviewer, Obstetrics and Gynecology, American College of Obstetrics and Gynecology

### Professor Joseph Frederick

- Member, Grabham Society, Jamaican Association of Obstetricians and Gynaecologists
- Member, Pacesetters Toast Masters Club

### Dr John Harriott

- Facilitator, Lions Club Youth Life Skills Programme 2007

### Dr Santosh Kulkarni

- Sitting Member, Jamaica National Mortality Committee Service Area
- Member, Maternal Mortality Committee, MOH, Jamaica

### Dr. Roxanne Melbourne Chambers

- President, Paediatric Association of Jamaica
- Council Member, Medical Association of Jamaica Council

Dr Doreen Millard

- Chairman, Adoption Board
- Chairman, Bustamante Hospital for Children Management Committee
- Chairman, Regional Technical Subcommittee of SERHA
- Adviser, Ministry of Health Rheumatic Fever / Rheumatic Heart Disease Prevention Programme
- Advisory Board Member, Child Development Agency
- Member, Medical Association of Jamaica
- Member, Paediatric Association of Jamaica

Dr. Sharmaine Mitchell

- Examiner, Caribbean Medical Council

Dr Anthony Mullings

- Member, Preparatory Committee for the Establishment of a National Bioethics Committee for Jamaica
- Member, Board of Jamaica Cancer Society Service Area
- Reviewer, West Indian Medical Journal
- Director, Caribbean Research Ethics Initiative

Dr Yomi Olugbuyi

- Member of the Pediatric Association of Jamaica

Dr Russell Pierre

- International Editor, Journal of HIV/AIDS Prevention for Children and Youth
- Reviewer, West Indian Medical Journal

Dr Audrey Pottinger

- Board Member, Child Development Agency Advisory Board
- Volunteer, Disaster Mental Health Responder, Jamaica Red Cross
- Board Member, McCam Child Development Centre

Professor Maureen Samms-Vaughan

- Member, National Council on Education, Jamaica
- Chairman, Policy Research Committee, National Council on Education, Jamaica
- Member, Advisory Board to the National Education Transformation Team
- Member, Early Childhood Committee, Anglican Diocese
- Member, Research Committee, Society for Developmental and Behavioural Pediatrics, USA
- Member, Vaz Preparatory School Board
- Member, Queen's High School Board
- Member, Promise Learning Centre (Special Education School) Board
- Consulting Editor, Caribbean Journal of Psychology
- Reviewer, Journal of Paediatric and Perinatal Epidemiology & West Indian Medical Journal
- Executive Chairman, National Early Childhood Commission of Jamaica

Dr Donnette Simms-Stewart

- Treasurer, Jamaican Association for the Advancement of Midlife health

### Obstetrics & Gynaecology

This was the fifth year of the introductory lectures to the preclinical students which is part of the urogenital module.

Eighty-two candidates were successful in the May-June 2006 MBBS examinations. Three candidates failed. Eleven students obtained distinctions and two obtained honors in Obstetrics and Gynaecology.

One candidate was successful in the Doctor of Medicine part II in Obstetrics and Gynaecology in the May/June examinations and three were successful in the DM part 1 two failed.