

## DEPARTMENT OF OBSTETRICS, GYNAECOLOGY AND CHILD HEALTH

Professor Horace Fletcher BSc, MBBS, 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 academia (teaching and research). The department comprises Obstetric and Gynaecological services (reproductive endocrinology, gynaecological oncology and perinatal services) as well as Child Health services; Paediatric medicine, Developmental and Behavioural Paediatrics and Neonatology.



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 Section is comprised of two medical wards, paediatric outpatient clinics, a paediatric casualty and a 30 bed Newborn Special Care Nursery which includes a four bed neonatal intensive care unit. The main subspecialties are infectious diseases, development and behavioural paediatrics, cardiology, endocrinology, neonatology, nephrology, neurology, pulmonology and other subspecialties managed in conjunction with other specialties. Residents and medical students are taught and referrals are accepted from the rest of the island and the Caribbean. The section of Child Health successfully staged the academic biennial conference “Challenges in General Paediatrics: Blood and Autoimmune Disorders” in April 2008. 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 (NIH)**

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 hosts an annual conference in February of each year run by Drs. Trotman, Simms-Stewart, Kulkarni and Mullings. This service manages high risk obstetric cases and accepts referrals from the rest of the island as well as the rest of the British West Indies. The Unit also has facilities for teaching post graduate and medical students. Perinatal Audit for 2008, UWI, Mona, February 8-9, 2008 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 of the conference was “Infections in the Perinatal period and Beyond.”

#### **Oncology Unit**

This is run by three Consultants Dr Fletcher, Dr Rattray and Dr Mitchell. 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 and 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 break through is that all the documents required for the registration of the drugs used in the programme have been submitted to the Pharmaceuticals and 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 2002-2006”. William Dennis 6<sup>th</sup> Memorial Symposium, UHWI, July 2007.
- **Christie CDC.** Vaccine Research and Clinical Trials in Resource Limited Settings. Elizabeth Glaser Pediatric AIDS Foundation, Think Tank. October 7-11, 2007; White Oak, FL, USA.
- Evans-Gilbert T., Reid G., Amir Y., **Steel-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, 2007.
- Byam PR, **Pierre RB, Christie CDC,** Andiman WA, KPAIDS Study Group. Cotrimoxazole-resistant invasive bacterial infections in Jamaican Children with HIV/AIDS. Oral platform presentation, Annual Research Conference, Faculty of Medical Sciences, UWI, Nov., 2007, *WIMJ*, 2007;56;5; abstract O-23.
- Mussi- Pinhata M., Motta F., Friemann L., DeSouza R, Szylid F., Succi R., **Christie CDC,** Rolon MJ, Ceriotto M, Read J. Lower

Respiratory Tract Infections and Hospitalizations Among HIV-Exposed, Uninfected Infants Born in Latin America. Poster presentation, Session 4467-Infectious Diseases, Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Honolulu, Hawaii, USA; May 2-6, 2008, Abstract 285, E-PAS2008:634467.7.

- **Christie CDC.** Multivalent Protection Against a Severe Pediatric Disease – Rotavirus. Merck, Sharpe and Dohme Symposium – New Generation Vaccines Designed To Do More. 13<sup>th</sup> International Congress on Infectious Diseases; Kuala Lumpur, Malaysia, June 21, 2008.
- **Christie CDC.** Review of Global and Regional Recommendations For The Pentavalent Rotavirus Vaccine and Quadrivalent Human Papilloma Virus Vaccine. Merck, Sharpe and Dohme Symposium – New Generation Vaccines Designed To Do More. 13<sup>th</sup> International Congress on Infectious Diseases, Kuala Lumpur, Malaysia, June 21, 2008.
- **Mullings A,** “To tell the truth: Ethical and practical issues in disclosing medical mistakes to patients”. Medical Ethics Workshop, Bahamas, December 1, 2007.
- **Mullings A,** “Why Ethics?” Perinatal Ethics Workshop, Department of Obstetrics Gynaecology and Child Health’s annual Perinatal Mortality Review and Workshop, Feb 2008.
- **Mullings A,** “How ethical am I: A guide to ethical decision making.” Perinatal Ethics Workshop, Department of Obstetrics Gynaecology and Child Health’s annual Perinatal Mortality Review and Workshop, Feb 2008.
- **Audrey M. Pottinger,** “Barrel children and mental health consequences”. Medical Association of Jamaica Annual Symposium, Jamaica Pegasus Hotel, Kingston, Jamaica, June 5-8, 2008
- **Pottinger AM, Trotman H, Younger N, Rattray C.** ‘Maternal depression during pregnancy and after childbirth’. Caribbean Health Research Council 53<sup>rd</sup> Annual Council and Scientific Meetings, Suriname 2008.

- **DaCosta V**, “Emergency Contraception”, Mandeville Regional Hospital, 6<sup>th</sup> Annual Academic Symposium, Golf View Hotel, Mandeville, Jamaica, May 12, 2008.
- **DaCosta V**, “Surgical and Interventional Management of AUB”, American College of Obstetricians and Gynecologists, District 1V, Symposium, Knutsford Hotel, Kingston, Jamaica, April 19, 2008.
- **DaCosta V**, “Infertility: is there still a role for surgery”, the Junior Fellows of the American College of Obstetricians and Gynaecologist, the Jamaica Hilton Hotel, September 8, 2007.
- **DaCosta V**, “Emergency contraception and issues relating to termination of pregnancy”, the Association of General Practitioners of Jamaica Clinical Symposium and Workshop, Alhambra Inn, Kingston, Jamaica, January 20, 2008.
- **Trotman H**, Gooden M. ‘ The Clinical Risk Index for Babies (CRIB) II score as a predictor of mortality in the neonatal intensive care unit at the University Hospital of the West Indies’. Caribbean Health Research Council 53rd Annual Council and Scientific Meetings, Suriname 2008.
- **Thame M**, Update on Measles: Clinical Aspect Emergency Meeting MOH-Response to an identified Case of Measles May 2008.
- **Thame M**, ‘Sickle Cell Disease in Pregnancy’. Safe Motherhood Conference March 2008
- **Thame M**, ‘Adolescent Pregnancy- the Good, the Bad and the Long Term Effects’. The Inaugural Breakfast Forum- Research Day Jan 2008
- Singh-Minott I, **Melbourne-Chambers R**, **Thame M**. Pregnancy, Birth Outcome and Maternal Weight Gain in Women with Sickle Cell Haemoglobin C (SC) Disease. Caribbean Health Research Council 53rd Annual Council and Scientific Meetings, Suriname 2008.
- Bugembe T, Brabin B, **Thame M**, **Fletcher H**, van Rheenen P. Delayed Umbilical Cord Clamping, a practical option in Jamaica. Perinatal Conference UK

- **Melbourne Chambers R.** “Cerebral Palsy – Overview and Impact on the Family.” Sir John Golding Rehabilitation Centre Annual Open Day, June 4, 2008.
- Donaldson D, **Trotman H**, Barton M, **Melbourne-Chambers R.** “Routine Laboratory Investigations in Infants and Children with Fever and Seizures, University Hospital of the West Indies”. First North American Regional Caribbean Congress on Epilepsy. Montego Bay, Jamaica. May 29-31, 2008.
- **Melbourne Chambers R.** “Inflammatory Myopathies in Childhood.” Department of Child Health 2<sup>nd</sup> Biennial Conference – “Challenges in General Paediatrics – Autoimmune Disorders”, April 2008.
- **Fletcher H.** CPC UWI Pyrexia of unknown origin in a diabetic woman with an abdominal mass , 2007
- **Fletcher H.** Difference in Cardiovascular disease risk profile and Osteoporosis in Jamaican black women with surgical and natural menopause, West Indies Section ACOG conference 2007
- **Fletcher H.** Difference in Cardiovascular disease risk profile and Osteoporosis in Jamaican black women with surgical and natural menopause, UWI Alumnae/Mayo Clinic conference Ocho Rios 2008
- **Fletcher H.** Abnormal bleeding in the post menopausal woman, District IV West Indies Section ACOG conference 2008, Island Life Auditorium Kingston
- Paul TJ, Scarlett M, Crawford-Sykes, **Pierre R**, Beman D, Branday JM, Ragoobirshigh D. Post-Moyian reflections on accreditation for Caribbean medical education. 4<sup>th</sup> Annual Conference of the Caribbean Area Network for Quality Assurance in Tertiary Education (CANQATE), October 9-11, 2007, Ocho Rios, Jamaica.
- **Pierre RB.** Paediatric HIV/AIDS in Jamaica; Nemesis, Illusion, Reality. Jamaica Medical Doctors’ Association (JMDA) Annual Symposium “Challenges of the Mother and Child in the 21<sup>st</sup> Century”; August 12, 2007, Knutsford Court Hotel, Kingston, Jamaica.

- PR Byam, **RB Pierre**, CDC Christie, W Andiman; Cotrimoxazole-resistant invasive bacterial infections in Jamaican children with HIV/AIDS. 16<sup>th</sup> Annual Research Conference, November 12-16, 2007, Faculty of Medical Sciences, Mona, Kingston, Jamaica.
- **RB Pierre**, Management of the HIV-exposed infant, Perinatal Conference 2008; “Infections in the Perinatal Period & Beyond” Feb 8-9, 2008. Main Lecture Theatre FMS, UWI – Workshop on Perinatal HIV/AIDS;
- **Bailey K**, Prevalence of Asthma and Allergies in Jamaica Children: Study Results, Caribbean Allergy and Respiratory Association May 2008
- **Bailey K**, The Atopic March, Dermatology Association of Jamaica, June 2008
- **Bailey K**, Improving Asthma Outcomes in Children and adolescents, Caribbean College of Family Physicians, June 2008
- **Wynter S**, Timing of Delivery in Patients with Central Nervous System Anomalies. Caribbean Neuroscience Symposium, Half Moon, Montego Bay, January 26, 2008.

## PUBLICATIONS

### Refereed Journal Articles

- \* 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*, 2007; 11; (Suppl 2); S28-35.
- \* Irving RR, Mills JL, Choo-Kang EG, **Mullings A**, Morrison EY, Wright-Pascoe R, McLaughlin W. “Glycemic control in patients with early onset autosomal dominant Type 2 diabetes mellitus.” *Medicine Online TH – International Journal of Medicine* ISSN 1360-0168, (February) 2008  
<http://www.priory.com/med.htm>

- \* James T, Reid H, **Mullings A**. “Are published standards for haematological indices in pregnancy applicable across populations: an evaluation in healthy pregnant Jamaican women.” *BMC Pregnancy and Childbirth*, <http://www.biomedcentral.com/1471-2393/8/8>
- \* **Pottinger AM**, Gordon Stair, A and Williams Brown S. “Counselling Framework for Caribbean Children and Families Who Have Experienced Migratory Separation and Reunion”. *International Journal for the Advancement of Counselling* 2008; 30 (1): 15-24.
- \* **Trotman H**, Lord C. Predictors of outcome in very low birth weight infants at the University Hospital of the West Indies, Jamaica. *Trop Doct* 2008; 38:183-5.
- \* **Trotman H**, Barton M, Mitchell V. Outcome of neonates ventilated in the main intensive care unit at The University Hospital of the West Indies: a 15-year experience. *Trop Doct*. 2007; 37:249-50.
- \* **Thame M**, Lewis J, **Trotman H**, Hambleton I, Serjeant G. The mechanisms of low birth weight in infants of mothers with homozygous sickle cell disease. *Pediatrics*. 2007; 120:e686-93.
- \* **Thame M**, Osmond C, **Trotman H**, **Fletcher H**, Antoine M. Body Composition in Pregnancies of Teenage Girls and Mature Women and the Impact on Birth Anthropometry. *Eur J Clin Nutr*. 2007; 61(1):47-53.
- \* Walker SP, **Thame MM**, Chang SM, Bennett F, Forrester TE. Association of growth *in utero* with cognitive function at age 6-8 years. *J Early Hum Dev*. 2007; 83:355-360.
- \* **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**, Lewis J, **Trotman H**, Hambleton IR, Serjeant GR. The Mechanisms of Low Birth Weight in Infants of Mothers with Homozygous Sickle Cell Disease. *Pediatrics*. 2007; 120(3):e686-93.



- \* Samuels LA, Christie L, Roberts-Gittens B, **Fletcher H, Frederick J.** The effect of hyoscine butylbromide on the first stage of labour in term pregnancies. *Brit J Obstet Gynaecol.* 2007 Dec;114(12):1542-6. Epub 2007 Sep 27.
- \* Yam EA, Gordon Strachan G, McIntyre G, **Fletcher H,** Garcia SG, Becker D, Ezcurra E. Jamaican and Barbadian health care providers' knowledge, attitudes and practices regarding emergency contraceptive pills. *Int Fam Plan Perspect, Dec. 2007;* 33(4):160-7.
- \* Simms-Stewart D, Frederick S, **Mitchell S,** Char G, **Fletcher H,** Postmenopausal Uterine Inversion Treated by Subtotal Hysterectomy *J Obstet Gynaecol* 2008, 28(4):116-7
- \* Gossell-Williams M , **Fletcher H,** Zeisel SH. Unexpected depletion in plasma choline and phosphatidylcholine concentrations in a pregnant woman with bipolar affective disorder being treated with lithium, haloperidol and benztropine: a case report. *J Med Case Reports.* 2008 Feb 20; 2(1):55
- \* **Fletcher H,** Hanchard B. Poverty eradication and decreased Human Papilloma Virus related genital cancer in Jamaica. *J Obstet Gynaecol.* 2008 28:333-335
- \* McFarlane-Anderson N, Bazuaye P, Jackson M, Smikle M, **Fletcher H** Cervical dysplasia and cancer: use of hormonal contraceptives in Jamaican women. *BMC Women's Health* 2008, May 8:
- \* Lambert MC, **Samms-Vaughan ME,** Schmitt N. The Family Cohesion and Adaptability Scale-II: Is the Factor Model for Jamaican Adults Similar to that Established for U.S. Adults? *Caribbean Journal of Psychology* (2007); 2 (1): 5-22
- \* Lambert MC, Schmitt N, **Samms-Vaughan ME,** Soyoun K. Psychometric Invariance of the Parent-, Teacher- and Self-Report Forms of the Child Behaviour Checklist for Jamaican Children and Adolescents. *Caribbean Journal of Psychology* (2007); 2, (2): 44-64
- \* Lambert MC, Essau CA, Schmitt N, **Samms-Vaughan ME.** Dimensionality and psychometric invariance of the Youth

Self Report Form of the Child Behaviour Checklist in Cross National Settings. *Assessment* (2007); 14(3):321-245.

- \* Gray PB, Parkin JC, **Samms-Vaughan ME**. Hormonal correlates of human paternal interactions: A hospital-based study in Jamaica. *Hormones and Behaviour* (2007); 52:499-507.
- \* Lambert MC, Williams SG, Morrison JW, **Samms-Vaughan ME**, Mayfield WA, Thornberg KR. Are the indicators for the Language and Reasoning Subscales of the Early Childhood Environment Rating Scales-Revised psychometrically appropriate for Caribbean classrooms? *International Journal for Early Years Education* (2008); 16(1):41-60.
- \* **Samms-Vaughan ME**, Franklyn-Banton L. The role of early childhood professionals in the early identification of autistic disorder. *International Journal of Early Years Education* (2008); 16(1):75-84.

## **Publications - Books and Monographs:**

### *Other Peer-Reviewed Publications*

- \* **Pottinger AM** (2008). Jamaica. In C D'Avanzo (Ed), Mosby's Pocket Guide to Cultural Health Assessment 4<sup>th</sup> edition (pp. 355-360). Philadelphia: Elsevier Inc.

### **Technical Report**

- \* Report on Implementation of October / November 2007 Caribbean Association of Medical Councils Registration Examination. **RB Pierre**, A McDonald (Editors). Office of the Dean, Faculty of Medical Sciences, The University of the West Indies, Jamaica, November 2007. Report submitted to the Board of the Caribbean Association of Medical Councils.
- \* Report on Implementation of April / May 2008 Caribbean Association of Medical Councils Registration Examination. **RB Pierre**, A McDonald (Editors). Office of the Dean, Faculty of Medical Sciences, The University of the West Indies, Jamaica, May 2008. Report submitted to the Board of the Caribbean Association of Medical Councils.

## Publications in the West Indian Medical Journal

- \* **Christie CDC**, Steel-Duncan J, Palmer P, **Pierre R**, Harvey K, **Johnson N**, Samuels LA, Dunkley-Thompson J, Singh-Minott I, Anderson M, Billings C, Evans-Gilbert T, Rodriguez B, McDonald C, Moore J, Taylor F, Smikle M, Williams E, Whorms S, Davis D, **Mullings A**, Morgan O, McDonald D, Alexander G, Onyonyor A, Hylton-Kong T, Weller PD, Harris M, Woodham A, Haughton D, Carrington D, Figueroa JP. Paediatric and Perinatal HIV/AIDS in Jamaica: An International Leadership Initiative, 2002-2007. 2008; 57:3: 204-215.
- \* Johnson N, Palmer P, Samuels LA, Morgan O, Onyonyor A, Anderson M, Moore J, Billings C, Harvey K, **Mullings A**, McDonald D, Alexander G, Smikle MF, Williams E, Davis D, **Christie CDC**. Evolving Care of HIV-infected Pregnant Women In Jamaica – From Nevirapine to HAART. 2008; 57:3:216-222.
- \* **Pierre RB**, Steel-Duncan JC, Evans-Gilbert T, Rodriguez B, Moore J, Palmer P, Smikle MF, Davis D, Figueroa JP, **Christie CDC**. Effectiveness of Antiretroviral Therapy in Treating Paediatric HIV/AIDS in Jamaica. 2008; 57:3:223-230.
- \* White YRG, **Pierre RB**, Steel-Duncan J, **Palmer P**, Evans-Gilbert T, Moore J, Rodriguez B, **Christie CDC**, Adherence to Antiretroviral Drug Therapy in Children with HIV/AIDS In Jamaica. 2008; 57:3: 231-237.
- \* Pryce C, **Pierre RB**, 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. 2008; 57:3:238-245.
- \* Steel-Duncan J, Miller M, **Pierre RB**, Dunkley-Thompson J, Palmer P, Evans-Gilbert T, Rodriguez B, **Christie CDC**. HIV/AIDS Study Group. Renal Manifestations in HIV-infected Jamaican Children. 2008; 57:3:246-252.
- \* Barrett DM, Steel-Duncan J, **Christie CDC**, Eldemire-Shearer D, Lindo J. Absence of Opportunistic Parasitic Infestations among Children Living with HIV/AIDS in Children's Homes in Jamaica – Pilot Investigations. 2008; 57:3:253-256.

- \* Harrison A, **Pierre RB**, Palmer P, Moore J, Davis D, Dunkley-Thompson J., **Christie CDC**. Clinical Manifestations of Adolescents with HIV/AIDS in Jamaica. 2008; 57:3:257-264.
- \* Evans-Gilbert T, **Pierre RB**, Steel-Duncan J, Palmer P, Figueroa JP, **Christie CDC**. HIV-related Mortality in Jamaican Children. 2008; 57:3:265-268.
- \* Weller P, Hambleton I, Chambers C, Bain S., **Christie CDC**, Bain B. Voices of the Women: Feedback from women of child-bearing age who are living with HIV can help improve efficacy of psychosocial interventions. 2008; 57:3:274-281.
- \* Pilgrim N, Kershaw T, **Pierre RB**, Moore J, Palmer P, Davis D, **Christie CDC**. Predictors of HIV/AIDS Confirmation and Differences by Guardian Status in HIV+ Adolescents in Jamaica. 2008; 57:3:287-292.
- \* Singh-Minott I, **Pierre RB**, Olugbuyi O, Dunkley-Thompson J, Haughton D, **Christie CDC**. Isoniazid-resistant Disseminated *Mycobacterium tuberculosis* in a Jamaican Infant with HIV/AIDS. 2008; 57:3:298-301.
- \* Dunkley-Thompson J, **Pierre RB**, Steel-Duncan J, Palmer P, Davis D, Figueroa JP, **Christie CDC**. Bacille Calmette-Guérin Lymphadenitis and Immune Reconstitution Syndrome in HIV Infected Children on Antiretroviral Therapy in Jamaica. 2008; 57:3:302-306.
- \* Lowe GA, Gibson RC, **Christie CDC**. HIV Infection, Sexual Abuse and Social Support in Jamaican Adolescents Referred to a Psychiatric Service. 2008; 57:3:307-311.
- \* Jackson ST, **Mullings AM**, Gordon-Strachan G, “Dengue infection in patients presenting with neurological manifestations in a dengue endemic population.” 57, 4 (2008).
- \* Donaldson D, **Trotman H**, Barton M, Melbourne-Chambers R. Routine laboratory investigations in infants and children presenting with fever and seizures at the University Hospital of the West Indies. 2008; 57: 369-372.
- \* Barton M, Bell Y, **Thame M**, Nicholson A, **Trotman H**. Urinary tract infection in neonates with serious bacterial

infections admitted to the University Hospital of the West Indies. 2008; 57: 101-5.

- \* Young J, Barton M, Richards-Dawson MA, **Trotman H**. Knowledge, perception and practices of health care professionals at tertiary level hospitals in Kingston Jamaica regarding neonatal pain management. 2008; 57:28-32.
- \* **Trotman H**, Lord C. Outcome of extremely low birth weight infants at the University Hospital of the West Indies, Jamaica. 2007; 56:409-13.
- \* Young J, **Trotman H**, **Thame M**. The impact of antenatal care on pregnancy performance between adolescent girls and older women. 2007; 56:414-20.
- \* Duncan ND, **Trotman H**, Seepersaud M, Dundas SE, **Thame M**, M Antoine. Obstruction of the Duodenum by a Preduodenal Portal Vein in Situs Inversus. 2007;56(3):285.
- \* Young J, **Trotman H**, **Thame M**. The impact of antenatal care on pregnancy performance and outcome in adolescent girls and older women. 2007; 56(5):414-420.
- \* Barton M, Bell Y, **Thame M**, Nicholson A, **Trotman H**. Urinary tract infection in neonates with serious bacterial infections admitted to the University Hospital of the West Indies. 2008; 57(2):101-105.
- \* **Fletcher H**, Crandon I, Webster D. Maternal hydrocephalus in pregnancy and delivery: a report of two cases. Dec. 2007, 56:558-9.

#### **AWARDS and HONOURS: Honors and Awards:**

2007 National Honours  
Professor Joseph Frederick  
Commander of the order of distinction

2007 National Honours  
Professor Maureen Samms-Vaughan  
Commander of the order of distinction

**Professor Celia Christie**

2008 – **Christie CDC**. Principal’s Research Award for the Project with the **Greatest Business/Economic /Developmental Impact**, Faculty of Medical Sciences, University of the West Indies: **“Mega-trial of Safety and Efficacy of Pentavalent (G1, G2, G3, G4 and P1) Human-Bovine Reassortant Rotavirus Vaccine in Healthy Infants”**, Merck and Co., USA, managed by Prof. Celia DC Christie, Dept of Obstetrics, Gynaecology and Pediatrics.

2008 – **Christie CDC**. Vice Chancellor’s Award for **Excellence in Research Accomplishments**, University of the West Indies

**Dr Audrey M. Pottinger,**

2008 – **David Picou Young Researcher Award (for most outstanding research)**, **Caribbean Health Research Council (CHRC)**. “Maternal depression during pregnancy and after childbirth”; CHRC 53<sup>rd</sup> Annual Scientific Meeting Paramaribo, Suriname, April 24-26, 2008.

**Melbourne Chambers R, Thame M**

**Special commendation from the Caribbean Health Research Council, Suriname, April 2008**

Singh-Minott I, **Melbourne Chambers R, Thame M**. “Pregnancy, birth outcome and maternal weight gain in women with Sickle Cell Haemoglobin C Disease”.

**Special commendation from the Caribbean Health Research Council, Suriname, April 2008**

**Trotman H, Gooden M**. The Clinical Risk Index for Babies (CRIB) II score as a predictor of mortality in the neonatal intensive care unit at the University Hospital of the West Indies.

**RESEARCH GRANTS**

**Funded Grants, Contracts – Income generation:**

**Christie CDC (Principal Investigator)** 2007

Pediatric HIV/AIDS Leadership Initiative in Kingston, Jamaica”

International Leadership Award, Elizabeth Glaser Pediatric AIDS Foundation - Extension. Grant amount – \$50,000.00 USD’s

Feeney M. (Principal Investigator), **Christie CDC**, (Co-investigator), Elizabeth Glaser Scientists Award, January 1, 2006 to December 30, 2011; “The Immune Response to Acute Perinatal HIV Infection”, Total grant amount > \$650,000 USD’s, total amount to UWI **\$112,000 USD’s** (ie., \$16,000 USD’s per annum for seven years).

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 # 1R01AI068497 - 01A2, total amount to UWI, **\$189,000 USD’s** December 1, 2006 through November 30, 2011 (ie., \$27,000 USD’s per annum for 7 years).

**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; grant amount to UWI – **\$538,588.00 USD’s**.

P.I.: **AM Pottinger**; Co-Investigators: P Watson-Campbell  
Source: Grace Kennedy Foundation and CHASE Fund Ltd  
Title: Prevalence of ADHD in Jamaica using community sampling.  
Grant Period: 3/08 – 3/09  
Funding received: **J\$1,000,000**

P. I.: Dr. C Scott, Co-investigator: **M. Thame**  
Source: Environmental Foundation of Jamaica (EFJ)  
Title: Establishment of A Support Group for Jamaican Families with Children with Down’s syndrome: Addressing their Many and Varied Medical and Psycho-Social Problems  
Funds: **J\$1,000,000.00**

P.I.: **M. Thame**  
Source: Children’s Nutrition Research Center, Department of Pediatrics, Baylor College of Medicine, Houston, TX USA  
Title: Relationship between maternal nutritional status and pregnancy outcome. Protocol 2  
Funds: **US\$33,000.00**

**R. Pierre**

Pilot of the Electronic Administration of the Caribbean Association of Medical Councils (CAMC) Examination. Grant amount – 1839.60 USD. RB Pierre (Principal Investigator), A McDonald (Co-PI); April 2008.

**Prof Horace Fletcher (PI)**

2008 \$28,000(USD) Funding from WHO/PAHO to study provider KAP regarding Abortion in Jamaica Principal investigator

**Prof Maureen Samms Vaughan**

Development of Training Programmes in Speech Therapy, Occupational Therapy and Audiology at the University of the West Indies, Mona

Source: Environmental Foundation of Jamaica

Amount: **JA \$6 Million**

**PUBLIC SERVICE**

**Christie CD**

- Fellow, Infectious Diseases Society of America
- Member, Pediatric Infectious Diseases Society of America
- Member, HIV Medicine Association of America, Founding
- Member, International Association of Physicians in HIV/AIDS Care
- Member, Governing Council of the International AIDS Society representing Latin America and the Caribbean
- Member, International Society for Infectious Diseases
- Non-Executive Board Member, Scotia Group Jamaica Limited; Bank of Nova Scotia Jamaica Limited

**Dr A Mullings**

- Member, Board of the Jamaica Cancer Society
- Member, preparatory committee for formation of National Bioethics Committee of Jamaica
- Member of proposed National Bioethics Committee of Jamaica



- Reviewer, West Indian Medical Journal
- Director, Caribbean Research Ethics Initiative, a collaborative effort between UWI Mona and University of Miami Ethics Programs

**Dr Audrey M. Pottinger**

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

**Dr Minerva Thame**

- Reviewer, West Indian Medical Journal
- Reviewer, BMC Pregnancy and Childbirth
- Reviewer, European Journal of Clinical Nutrition
- Founding Member and Director, Jamaica Down's Syndrome Foundation Ltd.
- Member, Early Childhood Commission- Regional Conference

**Dr Roxanne Melbourne-Chambers**

- Chairman, Serious Case Review Panel, Child Development Agency, Ministry of Health.
- Member, Executive Committee - Mona Preparatory School PTA

**Dr Russell Pierre**

- Reviewer, West Indian Medical Journal
- Reviewer, Journal of HIV/AIDS Prevention for Children and youth, University of Connecticut
- Member, Enquiry Committee, Mustard Seed Communities,

**Dr Santosh Kulkarni**

- Member, National Maternal Mortality committee
- Member, Ministry of health patient outcomes audit committee

**Professor Maureen Samms Vaughan**

- Chairman, Early Childhood Commission
- Board Member, National Council on Education
- Board Member, National Advisory Board on Disability
- Board Member, Family Life Ministries
- Board Member, Promise Learning Centre
- Board Member, Vaz Preparatory School
- Board Member, Queens High School

**Professor Horace Fletcher**

- Reviewer, West Indian Medical Journal
- Reviewer, Obstetrics and Gynecology (green Journal)  
American College of Obstetrics and Gynecology
- Reviewer, International Journal of Gynecology & Obstetrics (IJGO),

**Dr. Helen Trotman**

- Reviewer, West Indian Medical Journal
- Reviewer for Journal: Acta Paediatrica

**CATEGORIES OF STUDENTS**

**Professor Celia Christie**

**Dr Indira Singh-Minott**, DM Pediatrics, is completing her second year of a Fellowship in Infectious Diseases with Special Emphasis on Pediatric and Perinatal HIV/AIDS.

**Obstetrics & Gynaecology**

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

Eighty-nine candidates were successful in the May June 2008 MBBS examinations one candidate failed. Nine students obtained distinctions and six obtained honors in Obstetrics and Gynaecology.

Two candidates were successful in the Doctor of Medicine part II in Obstetrics and Gynaecology in the May/June examinations and four were successful in the DM part 1, two failed.

### **Child Health**

Ninety candidates were successful in the May June 2008 MBBS examinations and seven obtained honors.

Three candidates of five were successful in the Doctor of Medicine Part II in Child Health in the May/June examinations 2008 and eight of nine candidates were successful in the DM part 1.