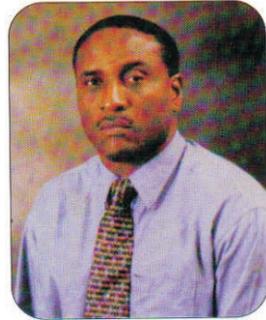


THE HUGH WYNTER FERTILITY MANAGEMENT UNIT

**Professor Joseph Frederick, CD, MBBS, DM (O&G), FRCOG,
FACOG – Head of Department**

OVERVIEW

The Hugh Wynter Fertility Management Unit (HWFMU) has been implementing a major expansion programme over the past twenty one (21) months. The aim of the expansion of the physical plant is to develop the capacity to launch new programmes, to introduce new technology and to broaden our definition of Sexual and Reproductive Health. The new additions to our physical plant include two (2) “State of the Art” Endoscopic Operating Rooms, a “State of the Art” Assisted Conception Laboratory with facilities for most advanced research, an Interactive Lecture Room with facilities for introducing Telemedicine and two (2) Skills Laboratories for training of Minimally Access Surgery and a Wellness Laboratory.



The Telemedicine programme is projected to have the far reaching effects on standardization of the teaching of Minimally Access Surgery across all four (4) of our UWI campuses. This will be facilitated by the development of both an undergraduate and postgraduate curricula and delivered in structured manner.

We welcome the employment of Dr. Kamali Carroll, who holds a PhD in Biological Science and will add significant value to our Assisted Conception Programme, particularly the special skills such as the freezing of human eggs.

Our new strategic plan will focus on realignment of our Unit with the UWI strategic policies but must also bring into sharp focus critical, passionate scholarship and related programmes that generate income to finance the modernization process.

We will also strengthen the existing programmes related to the social issues of Sexual and Reproductive Health such as Family Planning, Health and Family Life Education and Gender Balance in Sexual and Reproductive Health etc. There is an urgent need for a multidisciplinary approach to reduce the incidence of breast and prostate cancer, HIV/AIDS from both the social and clinical point of view. Therefore our second skills lab which will promote “Wellness” will act as the “nerve center” or nexus between the social and clinical aspects of Sexual and Reproductive Health.

CLINICAL SERVICES

As was anticipated, since the start of the construction in the Unit in 2010 the number of surgical cases and assisted conception procedures has been reduced. These procedures are detailed in Tables 1 and 2 respectively. Significant increases are projected on completion of the construction.

Table 1: Surgeries and procedures performed in the Clinic

Procedures	No.
Oral Contraceptives	566
Depoprovera injection	1657
Jadelle implant	153
IUCD	109
Tubal Ligation	69
Vasectomy	7
Diagnostic Laparoscopy	40
Diagnostic Hysteroscopy	76
Cyst aspiration	11

Operative laparoscopy	164
Operative hysteroscopy	23
Egg Recoveries (IVF/ICSI)	80
Embryo Transfers	72
Pregnancies	15
Egg Sharers/Egg Donor Recoveries	21
Egg Shares Embryo Transfers	16
Egg Shearer Pregnancies	4
Recipient Cycles	22
Recipient Embryo Transfer	10
Recipient Pregnancies	2
Patients with Embryos Cryopreserved	37
Frozen Embryo Transfers	22
Semen Analysis Performed	186
Intrauterine Inseminations	19

TRAINING

The Unit's training programme contributes to the development of the skills and competencies of a wide cross-section of professionals throughout the English-speaking Caribbean by means of targeted training interventions. The current training programme is the Masters in Counselling Programme by Distance Education which has an enrolment of thirty-four (33) students. The students are distributed across the following countries: Antigua, Barbados, Belize, Cayman, Dominica, Jamaica, St. Lucia, St. Vincent and Trinidad.

PUBLICATIONS

Journal Articles

- * Laparoscopic cervicoisthmic cerclage for the treatment of cervical incompetence: case reports. DaCosta V, Wynter S, Harriott J, Christie L, Frederick J, Frederick-Johnston S. *West Indian Med J*. 2011 Oct; 60(5):590-3.
- * Operative hysteroscopy in a Jamaican cohort. DaCosta V, Wynter S, Harriott J, Christie L, Berry E, Frederick-Johnston S, Frederick J. *West Indian Med J*. 2011 Dec; 60(6):641-6.
- * Antiphospholipid and other autoantibodies in a cohort of habitual aborters and healthy multiparous women in Jamaica. Roye-Green K, Frederick J, Wharfe G, Choo-Kang E, DaCosta V, Fletcher H, Smikle M. *Hum Antibodies*. 2011; 20(1-2):1-5.
- * Complete anal sphincter complex disruption from intercourse: A case report and literature review. Cawich SO, Samuels L, Bambury I, Cherian CJ, Christie L, Kulkarni S. *Int J Surg Case Rep*. 2012 Aug 13;3(11):565-568.
- * Jamaican mothers' influences of adolescent girls' beliefs and sexual behaviours. M. Katherine Hutchinson, Eulalia Kahwa, Norman Waldron, Cerese Hepburn Brown, Pansy I. Hamilton, Hermi H. Hewitt, Joyette Aiken, Julie Cederbaum, Emily Alter, Loretta Sweet Jemmott (2012). *Journal of Nursing Scholarship*; 44(1): 27-35.
- * Cross-cultural psychometric assessment of the parent-teen sexual risk communication (PTSRC-III) scale in Jamaica. Norman K. Waldron1, M. Katherine Hutchinson, Hermi H. Hewitt, Eulalia Kahwa, Pansy I. Hamilton. *Open Journal of Preventive Medicine* Vol.2, No.2, 205-213 (2012).
- * National Health Surveys and Health Policy: Impact of the Jamaica Health and Lifestyle Surveys and the Reproductive Health Surveys TS Ferguson, MK Tulloch-Reid, G

INCOME GENERATION

Table 3: Cost Recovery

Income	\$302,812,262.20
Expenditure	\$348,472,923.73*
Balance	-\$43,660,661.53

*The above expenditure includes the costing for the expansion of the Unit.

PUBLIC SERVICE

Frederick, Joseph, Professor

- Member, Caribbean Initiatives of Planning Committee of Planned Parenthood
- Member, Pacesetters Toast Masters Club

Hamilton, Pansy

- Board Member, The Mico University College
- Board Member, Caribbean HIV/AIDS Alliance
- Vice President, Jamaica Association of Health Service Executives
- Executive Member, YWCA Jamaica
- Member, Churches Emancipation Committee for the Annual Emancipation Lecture

Jackson, Elaine

- Director and Executive Producer, UIWAIS House of Worship Ministry
- Member, Board for August Town Primary School
- Member, Jamaica Association of Composers, Authors and Publishers (JACAP)

Meade, Joan

- Treasurer, Lions Club of St. Andrew Central

Williams, Lillith

- Member, The International Association for Counselling
- Member, Jamaica Down's Syndrome Association
- Member, Jamaica Association for Persons with Mental Retardation
- Regional leader, Region 5: Parents and Professionals in Partnership, Jamaican Association on Intellectual Disabilities (JAID)
- Coordinator, Parents and Friends of the Randolph Lopez Adult Centre for adults with intellectual disabilities.

McKenzie, Claudette

- Member, Jamaica Association of Health Service Executives

Veronica Forbes-Blake

- Member, Jamaica Association of Administrative Professionals