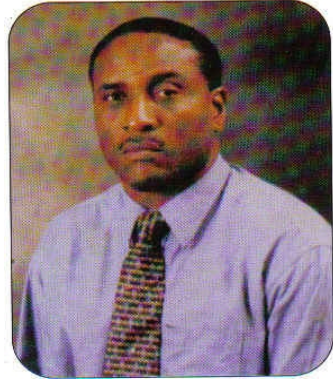


THE HUGH WYNTER FERTILITY MANAGEMENT UNIT

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

OVERVIEW

During the year in review the Unit continued to pursue the plans for the extension and renovation of its physical facility and it is expected that construction will commence in the last quarter of 2010. There has been substantial investment of time and effort to co-ordinate the various technical inputs and to collaborate with internal and external offices and agencies to achieve the current project status.



Implementation of the three year Strategic Plan began in earnest. An Oversight Committee was established to monitor its progress. In our thrust to promote the Unit, the first Open Day was held October 2009, a newsletter was produced and the development of a website begun. The Unit has participated in and supported various events and conferences including the UWISON Annual Nursing and Midwifery, UWI Research Day and the Grabham Society of Obstetricians and Gynaecologists. Work in the portfolio areas of clinical services, research, training and outreach continues with efforts to increase output and incorporate the new initiatives. Significant enhancement of the Unit's work is anticipated with the extension and its technological facilities.

OPEN DAY

On October 15, 2009 the Hugh Wynter Fertility Management Unit hosted its first open day under the theme "Sexual and Reproductive Health: Issues and Answers". Topics included 'Adolescent Sexual and

Reproductive Health’, ‘Sexually Transmitted Infections and Behaviour Change’ and ‘Male and Female Infertility’. Presenters included personnel from the Ministries of Health and Education, the University of the West Indies and Private Practice. Participants included health and education practitioners and students from secondary and tertiary educational institutions in the environs of the University of the West Indies. Exhibits were mounted by suppliers of equipment and pharmaceuticals, international funding agencies and organizations involved in the delivery of sexual and reproductive health services.

Clinical Services

Clinical services generated income from services to clients inclusive of the provision of contraceptives devices and surgical and diagnostic procedures. Tubal ligation, diagnostic and operative laparoscopy, cyst aspiration, and diagnostic laparoscopy were the five leading procedures. Table 4 gives details of the services provided.

Table 4: Clinical Procedures by Volume

<u>Procedures</u>	<u>No.</u>
Oral Contraceptives	774
Depo-provera injection	2021
Jadelle implant	5
IUCD	142
Tubal Ligation	56
Vasectomy	6
Diagnostic Laparoscopy	117
Diagnostic Hysteroscopy	251
Cyst aspiration	16
Operative laparoscopy	188
Operative hysteroscopy	35

Assisted Reproductive Technologies

The Unit registered approximately 104 potential patients and offered in-Vitro Fertilization (IVF) consultation to over one hundred patients

interested in the treatment. IVF services are provided to a mix of local, regional and international clients.

Thirty two couples undergoing IVF treatment participated in counselling sessions. The development of the donor gamete programme includes psychological screening of all prospective donors. The treatments performed for the year under review are outlined in Table 5 below.

Table 5: Assisted Reproductive services performed 2009-2010

Treatments Offered	Total (for period August 2009 - July 2010)
All IVF cycles	106
Pregnancies from IVF Cycles	22 (2 outcomes pending)
Intrauterine Insemination (IUI)	18
Pregnancies from IUI	2
Frozen Embryo Transfers (FET)	21
Pregnancies from FET	6
Semen Analysis	167

Teaching

For academic year 2009/2010 fifty eight (58) students were enrolled in the MSc Counselling programme. Student distribution by country is shown in Table 1. Nineteen (19) returning students registered to do the final research project (COUN6301).

Table 1: MSc Counselling Student Distribution by Country

Country	New	Returning	Total
Antigua	–	9	9
Bahamas	2	1	3
Barbados	–	1	1
Belize	3	–	3
Cayman	–	2	2
Dominica	4	1	5

Jamaica	7	3	10
St. Kitts	2	–	2
St. Lucia	5	–	5
St. Vincent	5	1	6
Trinidad	8	4	12
Total	36	22	58

New students

Thirty six (36) new students were enrolled during the prequalifying year 2009-2010 of the programme. Thirty four (34) of the new students who registered for the four prequalifying courses were engaged in teleconferences, face to face tutorials and practical counselling laboratories at their respective sites. Three additional new students (one each in Mona, St. Lucia and Trinidad) were admitted to the programme in September 2010.

Examinations

The results of the examinations for the four prequalifying courses per site are shown in Table 3.

Table 3: Examination results for academic year 2009/2010

Country	Intro. Couns.		Dev. Psych		Grp. Couns.		Abn. Psych		Withdrawals
	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	
Bahamas (2)	–	2	–	1	–	–	–	–	2
Belize (3)	2	–	2	–	2	1 abs	2	1 abs	1
Dominica (4)	2	–	4	–	2	2 abs	2	1 abs	–
Jamaica (6)	3	1	2	–	5	1	2	1	1
St. Kitts (2)	–	2	1	–	–	–	–	–	2
St. Lucia (4)	1	1	1	1	2	–	2	–	1
St. Vincent (5)	3	–	3	–	5	–	5	–	–
Trinidad (8)	6	–	3	–	6	–	4	1 abs	–
Total 34	17	6	16	2	22	4	17	4	7

Graduation

Thirty nine (38) students who were awarded M.Sc. Counselling degrees in the academic year 2008-2009, graduated in October 2009. Eight of these students achieved distinction. Ten students are expected to graduate in October 2010.

PAPERS PRESENTED

- **Dr. John Harriott** “Laparoscopic Management of Endometriosis and Infertility”. Jamaica Awareness Association of California in Partnership with Annotto Bay Hospital on June 16, 2010.
- **Dr. Loxley Christie** “Contraceptive for Adolescence” at the ACOG Conference on April 2010.

PUBLICATIONS

Journal Articles

- * **SH Wynter, VE DaCosta, JA Harriott, LR Christie, J Frederick, DM Everett-Keene, RA Foster, YH Walters.** Invitro Fertilization: “Donor Egg Sharing for Premature Ovarian Failure.” *West Indian Medical Journal*; 58, 6 (2009) 593-595.
- * **DaCosta V, Christie L, Wynter S, Harriott J, Frederick J.** Uterus bicornis bicollis, imperforate hemivagina and ipsilateral renal agenesis: Case Report and Literature Review. *West Indian Med J* 2009 Nov; 58 (5): 379-82.

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
- Member, United Church in Jamaica and the Cayman Islands, Synodical Committee
- Executive Member, YWCA Jamaica
- Member, Jamaica America Friendship Association (JAFA)
- Member, Churches Emancipation Committee for the Annual Emancipation Lecture

Jackson, Elaine

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

Meade, Joan

- Past President, Lions Club of St. Andrew Central

Williams, Lillith

- Member, Jamaica Downs Syndrome Association
- Member, Jamaica Association for Persons with Mental Retardation
- Regional leader in Region 5: Kingston, St. Andrew and St. Thomas, Parents and Professionals in Partnership
- Coordinator, Parents and Friends of the Randolph Lopez Adult Centre for adults with intellectual disabilities.

McKenzie, Claudette

- Member, Jamaica Association of Health Service Executives

STUDENTS

Denise Everett Keene

- Successfully completed her Masters in Clinical Embryology with Merit from The University of Leeds, United Kingdom in November 2009.

Delcora Williams

- MSc student - received special recognition from OAS as a Scholarship holder and in her portfolio as Acting AIDS Program Manager in Antigua.

Sharifa Frederick

- Received her DM degree in Obstetrics and Gynaecology and joined the IVF team in November 2009.