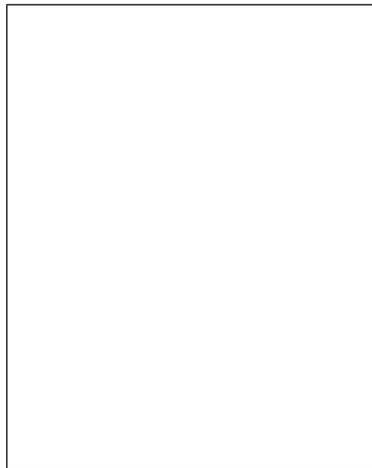


**FACULTY OF  
MEDICAL SCIENCES  
MONA**

**Year ending July 31, 2002**



**Owen St. Clair Morgan, CD, MA, MD *Dub*, FRCP, FACP  
– Professor of Medicine and Neurology & Dean**



## ***DEAN'S OVERVIEW***

**T**he Faculty of Medical Sciences nurtures an intellectually rich culture of diversity, curiosity, empathy and respect – internationally renowned for excellence in clinic care, basic and clinical research and education.

In our desire to advance the understanding and practice of medicine, our teaching is delivered in an organized, cohesive and innovative manner to reflect the best up-to-date knowledge. Our research, recognized nationally and internationally further enhances the status of our medical school as it strengthens our academic mission in the face of many changes.

The major activities of the Faculty were the introduction of the restructured curriculum, the development of a new BMedSci programme, introduction of a students' tracking system, more comprehensive use of information technology systems and mounting a sustained and effective challenge to HIV/AIDS by a comprehensive and targeted response.

Approval was received for a graduate programme in Nursing, – the MSc (Family Nurse Practitioner, Mental Health Psychiatric, Nurse Practitioner, Nurse Administration, Nursing Education and Clinical Nursing), the generic Bachelor of Sciences in Nursing and the PhD in Clinical Psychology. The BSc Physical Therapy was introduced in September 2001.

### **ACCREDITATION OF THE F.M.S.**

The Faculty completed an extensive review of its facilities and activities in preparation for a visitation from the General Medical Council (UK).

However, the government of the United Kingdom decided to abolish sections 19-21 of the 'Medical Act, 1983' and to remove the concept of recognized overseas qualifications except for doctors who could benefit from certain transitional arrangements. The amendments to the Act further proposed a short transitional period for doctors qualifying before 31<sup>st</sup> October, 2003 which would grant them the right to provisional or full registration until 31<sup>st</sup> December, 2003. Doctors who failed to apply by that date and those qualifying after 31<sup>st</sup> October, 2003, would be eligible for limited registration only.

The Faculty regrets this decision, but anticipating the likelihood of complete withdrawal of accreditation, is actively spearheading the formation of a regional accreditation body of international stature to ensure the UWI medical school's continued worldwide recognition.

## **EDUCATION**

### **Curriculum Development**

With the revision of its undergraduate curriculum, the Faculty established a centralized system to monitor student progress.

The student tracking project (STP) will soon be able to provide accurate, detailed and up-to-date information on student performance (academic and non-academic) which will inform the new curriculum, and identify the modifications required for advancement. The design of the system is based on information which includes student referenced data and the influence of an upgraded learning environment on academic performance.

### **Undergraduate Programmes**

#### **B Med Sci**

In September 2001 a **Bachelor in Medical Sciences (B Med Sci)** degree was introduced for medical students who completed the Stage I courses at the end of the third year.

A separate new, stand-alone, three year B Med Sci degree not to be confused with this, will be introduced with its own entry requirements and regulations. It will share some of the Stage I MB, BS courses and include a research project in the final year leading to a major. No clinical training will be offered in this degree programme. Its graduates will be distinguished by the attachment of their majors as a suffix, e.g. B Med Sci (Biochem), or B Med Sci (Pharmacol). The options to be offered with majors, will increase over time.

Career pathways available to graduates from this programme, will cater to research in an academic and teaching environment, research and development in industry, patent development for products in the biological sciences including biotechnology as well as in business, marketing and quality control, environmental agencies and forensic studies.

**Student Achievements  
Undergraduate Programmes**

The **MBBS** and the **Nursing** programmes continue to attract a large number of applicants. Those registered for the academic year 2001/2002 appear as follows:

<b><u>Programmes</u></b>	<b><u>Applied</u></b>	<b><u>Registered</u></b>
MBBS	578	106
BSc (Nursing)	25	17
Certificate(Nsg. Admin/Edu)	75	19
Physical Therapy	29	10

Acceptance of applicants into the MBBS programme is determined by the existing quota system and facilities available for study. Because of the lack of financial support and the difficulty in obtaining release from health services not all the nurses who were accepted were able to enroll in the programme.

The results of the MBBS examinations were as follows:

<b>Subjects</b>	<b>Dates</b>	<b>Dist.</b>	<b>Hons.</b>	<b>Pass</b>	<b>Fail</b>
<b>Stage I Part I &amp; II</b>					
Biochemistry (BC100)	May 2002	5	20	63	2
Community Health (SP 100)	May 2002	5	32	53	9
<b>Stage I Part III, IV &amp; V</b>					
Anatomy (AN 200)	December 2001	6	22	60	11
Physiology (PY200)	December 2001	5	22	63	9
Pharmacology (PM 200)	May 2002	12	43	39	6
<b>Stage II Part I</b>					
Pathology/Microbiology	May 2002	–	4	80	15
<b>Stage II Parts II, III &amp; IV</b>					
Medicine (MD 500)	June 2002	–	2	69	4
Surgery (SU 500)	June 2002	–	1	72	2
Obstetrics & Gynaecology (OG 500)	June 2002	2	4	67	2

External examiners continue to report favourably on the high standards achieved.

With the introduction of the restructured curriculum in 2001, Stage I examinations will cease. Assessments are now fully integrated into the courses and as a result the first set of University examinations for this

programme will not take place until May 2004. The ongoing assessments, held in each semester will contribute to the final grade.

### **Prizes and Awards**

Biochemistry Medal	–	Kerice Ann Pinkey
Anatomy Medal	–	Ramon D. Arscott
Physiology Medal	–	Kerice Ann Pinkey
Pharmacology Medal	–	Tamara Greaves
Pre-clinical Medal	–	Tamara Greaves
Walter Harper Prize in Anatomy	–	Ramon D. Arscott
Noel Hays Prize in Anatomy	–	Dwaine J. Cooke
D.A.N. & Vera Hoyte Prize in Anatomy	–	Obasare Rae Edinrin Sanya E. Gayle
David Gunberg Prize in Anatomy	–	Hilary Johnson Melissa Kaye
Dr. Charles Thirumali Prize in Physiology	–	Kerice Ann Pinkey
Community Health Medal	–	Sanya E. Gayle
Pharmacology Medal	–	Tamara Greaves
Lisa Miller Prize in Pharmacology	–	Diana English
E.V. Ellington Pre-Clinical Prize for the Best Pre-Clinical student (Donated by the Medical Alumni Association – Canadian Chapter)	–	Tamara Greaves

### **Clinical Prizes and Medals**

#### **Stage II Part I**

Pathology Medal/Microbiology Medal	–	Garfield A. Grandison
Professor S. Brooks Memorial Prize	–	Jodi-Ann Chin
Professor Louis Grant Book Prize	–	Celeste S. Chambers

#### **Stage II Parts II, III & IV Medals for Mona Students**

Medicine Medal	–	Shanique Palmer
Allenbury Prize in Medicine	–	Philippa Fung Chung

Overall Clinical Medal	–	Philippa Fung Chung
Wyeth Award for Most Outstanding (Mona) Student in Obstetric & Gynaecology	–	Philippa Fung Chung
General Surgery Prize	–	Tenaj Lewis
Sir Harry Annamunthodo Prize in Surgery donated by the UWI Medical Alumni Assoc. (Canadian Chapter)	–	Aneisha Crossbourne

### **New Prizes**

The son of the late Dr. Aubrey McFarlane provided a Bursary in the amount of £500.00 for the Mona student achieving the highest mark in Surgery at the May/June examinations. This was awarded to Andrea Morgan-Bedasse for the year 2002.

### **Chevonne Harry Lue Medical Scholarship**

The United Order of Solomon International, Canada has been instrumental in obtaining further scholarships in the amount of CA\$3000.00 for single and charitably minded pre-clinical students of outstanding academic merit in need of financial support. The following four students from the Class of 2005 were selected:

Linda and Harvey Gellman Scholarship	–	Mr. Dwaine Cooke
The Independent United Order of Solomon in Canada/Danforth Food Mart and “G” Quality Traders Scholarship (previously Banana Boat Western Union Scholarship)	–	Miss Reneé Thompson
The Chevonne Harry Lue Medical Scholarship	–	Miss Diana English
Nigel Gibbs Scholarship	–	Mr. André Williams

### **Medical Protection Essay Competition**

The Medical Protection Essay on the topic “*Designer babies – the next generation – moral and ethical principles*” was won by Miss Taneisha McGhie and Mr. Avinash Potluri.

### **Commonwealth Elective Bursary**

A Commonwealth Elective Bursary was awarded to Miss Vanessa Cumming of the Class of 2002 to pursue an elective in the United Kingdom.

### **UWI Medical Alumni Bursaries and Prizes for 2002**

Ben Crichlow Memorial Bursary	–	Yvonne Dawkins
E.V. Ellington Pre-Clinical Prize	–	Tamara Greaves
Sir Harry Annamunthodo in Surgery	–	Aneisha Crossbourne
Stanley Brooks Memorial Book Prize	–	Shanique Palmer
Class of '58 Bursary	–	Lincoln Cox
Beryl Kennedy-Clemetson Memorial Scholarship	–	Duane Patten

### **Graduate Programmes**

The DM graduate programmes continue to be in high demand, but the intake of students is limited to the availability of posts.

<b>Programmes</b>	<b>Applied</b>	<b>Offered</b>	<b>Registered</b>
MPH	70	62	30
MPhil	35	24	22
MSc	276	199	116
PhD	5	1	1
DM	106	50	38

The following candidates successfully completed their programmes in the academic year under review:

MPH	26
MSc Nutrition	1
MPhil	1

#### **DM Medicine**

General Surgery	2
Internal Medicine	4
Orthopaedics	1
Pathology	1
Obstetrics & Gynaecology	5
Radiology	1
Urology	1

Psychiatry	1
Orthopaedics	1
Paediatrics	1

## RESEARCH AND DEVELOPMENT

### New Initiatives

Having received the report on research in the Faculty of Medical Sciences from a team of scientists visiting from the Medical Research Council, United Kingdom, the Faculty has taken steps to coordinate research activities in its eight departments. In conjunction with the Tropical Medicine Research Institute, a research committee was established to assist with grant writing and procuring financial support for identifiable projects. Research will be coordinated by the Dean's office where a dedicated research team with a bio-statistician and clinical epidemiologist will reside. The Caribbean Health Research Council (CHRC) has agreed to fund a full time research officer for three (3) years if the University establishes a full-time post to support the venture.

On-going research programmes include the following:

In the Department of Basic Medical Sciences, important studies are taking place in **genetic engineering of plants, industrial and applied microbiology, and molecular biology of plants and animals**. Aspects of **plant chemistry, microbial ecology** and environmental **microbiology** and the **biochemistry of diabetes** have resulted in new information.

Through its collaboration with the Coconut Board, the Section of Biochemistry is characterizing the **phytoplasmas**, with a view to **eradicating** the infection and **preventing lethal yellowing**.

A **ganja-marijuana** research initiative residing in the section of Pharmacology has been commissioned by the Principal to investigate the properties of marijuana and its related compounds.

In the Department of Community Health and Psychiatry impact studies on the elderly relating to their economic contributions to society and the effects of their anticipated increase in numbers on the economy as a whole are being carried out. The Section of Psychiatry has been actively investigating **post-traumatic stress** disorders and schizophrenia.

The Departments of Medicine and Microbiology continue their joint studies on **helicobacter pylori** and its relation to peptic ulcer disease.

Clinical trials addressing the **safety and efficacy of pentavalent human-bovine reassortant rotavirus** in healthy infants are being conducted by the Section of Child Health. Having achieved considerable success with the **in vitro fertilization** and **embryo** transfer programme the

Section of Obstetrics and Gynaecology has expanded its activities and will improve current techniques on offer for these procedures.

The Departments of Pathology and Surgery are involved in the following major studies – **HTLV-1 infections** (Pathology) and **breast disease** and **prostate cancer** (Pathology and Surgery). During the academic year 2001-2002, ninety-two (92) new proposals were considered by the UHWI/UWI Ethics Committee.

Faculty members were specially recognised at the UWI Annual Research Day in the categories highlighted:

### **For Best Publications**

- Drs. Russell Pierre, Roberts Sue-Hoe and Donna Watson – “*Kawasaki Syndrome in Jamaica*”.
- Professor Owen Morgan – “*Central Nervous System Activation of the Indoleamina 2,3 Dioxygenase Pathway IDO in HTLV-1 – Associated Myelopathy Tropical Spastic Paraparesis (HAM/TSP)*”.
- Professors Rainford Wilks and Barrie Hanchard, Dr. Gillian Wharfe and Mrs. Beverley Cranston – “*Quantitative Proviral DNA & Antibody Levels in the Natural History of HTLV-1 Infection*”.

### **For Distinguished Research**

- “*Retrovirology*” – HTLV Project, the Department of Pathology.
- “*Medicine and Agrochemical Properties of Local Plant*” – Department of Basic Medical Sciences.
- “*Infectious Diseases*” – Department of Microbiology.

### **RESEARCH GRANT**

The Faculty continues to attract research grants. The Department of Pathology received over US\$750,000.00 for the HTLV-1 project and US\$33,000.00 for the prostate cancer study.

The Department of Basic Medical Sciences attracted research grants amounting to US\$393,041.77. Of this amount the academic staff accounted for US\$316,520.00 mainly from outside agencies.

The Department of Surgery was also able to attract benefactions/ sponsorships as follows:

J\$ 234,385.72 – for Clinical Research Meeting

J\$1,000,000.00 – from Bank of Nova Scotia

J\$ 198,778.00 – to Anaesthesia & Intensive Care

J\$ 78,118.75 – office staff welfare.

## **CONTRIBUTION TO INTELLECTUAL LIFE**

The participation in and presentation at local, regional and international conferences and seminars by academic staff members remained high.

The following are of note for the academic year:

### **MONA ACADEMIC CONFERENCE**

- Undoubtedly, the most important Faculty undertaking of the year was its hosting of the Mona Academic conference at which over three hundred (300) delegates from Jamaica, the wider Caribbean and North America participated.
- The conference extended over three (3) days and proved to be a landmark event with its discourse on “Health Issues in the Caribbean”. The opening ceremony at which the keynote speaker was the Honourable Denzil Douglas, Prime Minister of St. Kitts/Nevis, was held on Friday, August 31, 2001. Presentations at the scientific sessions emphasized the life cycle approach to health and addressed obesity, substance abuse, the elderly and health care delivery in the region.
- Sir George Alleyne, Executive Director of PAHO and Dr. Compton Bourne, President of the Caribbean Development Bank, shared in the discussions and offered guidance in matters related to project planning.
- The Faculty wishes to acknowledge with thanks the encouragement and support provided by PVC Professor Kenneth Hall, which contributed in no small measure, to the success of the conference.

### **10<sup>th</sup> Annual Research Day**

- The 10<sup>th</sup> Annual Research Day of the Faculty of Medical Sciences was held on November 1 and 2, 2001. Over 60 oral and poster presentations were made. The opening ceremony took place on October 31, 2001 with an address by Professor Herb Sewell, a Jamaican who holds the chair in Clinical Immunology at the University of Nottingham. He highlighted the importance of the new molecular studies in disease evaluation and pointed the way forward by using these techniques. A workshop on Ethics in Medical Research

took place on November 2. Speakers included Professor Herb Sewell, Clinical Immunologist, University of Nottingham, and Dr. David Wright, Intellectual Integrity Office and Vice President of Research and Ethics, Michigan State University.

- The Conference was highly successful and attended by over 1000 persons, including university and high school students.

#### **Medical Alumni Meeting**

- The Medical Alumni meeting took place in St. Kitts from November 7-11, 2001. The Theme of the Conference was “*Medicine 2001 and Beyond: Knowledge with Practice*”. Distinguished alumnus Professor Franklyn Prendergast delivered the annual Nigel Gibbs Memorial Lecture.

#### **Perinatal Statistics Conference**

- A Perinatal Statistics Conference was staged by the Department of Obstetrics & Gynaecology on February 16, 2002. It provided useful information about on-going activities which showed that the Jamaican results were on par with international achievements.

#### **Guest Lecture**

- Dr. Michael Spino, Senior Vice President Scientific Affairs, Inc. delivered a guest lecture to the medical fraternity on “*Iron overload: optimizing therapy to increase survival and decrease morbidity*” on February 22, 2002.

#### **8<sup>th</sup> International Diabetes Conference**

- The 8<sup>th</sup> International Diabetes Conference held in Ocho Rios, March 7-10, 2002, was hosted jointly by the UWI Diabetes Outreach Project (UDOP) the Pan American Organisation (PAHO), the American Diabetes Association and the Caribbean Food and Nutrition Institute (CFNI). The title of the Conference was “*Diabetes and Obesity*”.
- The highlight of the first session was the Sir Alister McIntyre distinguished lecture, entitled “*Lifestyle related non-communicable diseases – the World Picture*”, delivered by Professor W. Phillip T. James, CBE, Chairman of the International Obesity Task Force (IOFT). Several leading international figures participated and Sir George Alleyne was honoured for his contributions to international medicine.

- The Caribbean Health Research Conference took place in Guyana, April 25-27, 2002.

#### **Midwifery Nursing Conference**

- The Midwifery Nursing Conference was held at the Jamaica Conference Centre May 15-16, 2002.

#### **Workshops**

With the explosion of new information on several fronts, several workshops were conducted during the academic year to train staff and disseminate new information.

- The Gynaecological Endoscopic Course, December 10-14, 2001 was hosted by the Department of Obstetrics & Gynaecology from December 10-14, 2001.
- An Endoscopic Sinus Surgery Workshop for practising ophthalmologists took place between January 3-7, 2002.
- A curriculum Workshop was held in August 2001 to sensitise the Faculty of Medical Sciences to the changes incorporated in the revised curriculum. Another on multiple choice questions (MCQ) and item writing, took place on February 20-22, 2002.
- The self-assessment exercise conducted in preparation for the visit of the United Kingdom's General Medical Council exposed weaknesses in the pre-registration house officer year and a workshop was held June 26, 2002 to explore the ways in which these deficiencies could be corrected. A timely response will ensure that graduates enjoy a good internship experience.

#### **Distinguished Lecture Series**

The Department of Community Health and Psychiatry introduced a Distinguished Lecture Series during the academic year 2001 – 2002:

- *“Post-Modernism and Post-Colonialism: the challenge to Foucault and the post modernists”* on November 23, 2001 by Dr. Ann Hudson, Senior Lecturer in Multi Cultural Education, Queensland University of Technology, Brisbane Australia and President of World Association of Multi Cultural Education
- *“Separation and Loss; sadness and survival: A Caribbean Legacy? and “Children and violence at home and in the community”* on

January 25, 2002 by Dr. Jacqueline Sharpe, Consultant Child Psychiatrist, Trinidad and Tobago and President of World Family Planning Association.

- “*The interface between Neurosurgery and Psychiatry: the challenge for the new millennium*” on February 22, 2002 by Professor Renn Holness, Consultant Surgeon, Dalhousie University and Past President of The American Neurosurgery Association.
- “*Suicide and Community Mental Health*” on March 8, 2002” by Dr. Pilar Moreno, Consultant Psychiatrist, PAHO and Special Advisor in Mental Health, Panama.
- “*Bipolar Disorders*” on May 1, 2002, by Professor Macy, Harvard University.

### **Inaugural Lectures**

The inaugural lecture series continues to be a feature event of the academic calendar. On March 7, 2002, Professor Charles E. Denbow explored the topic “*The Fight against Heart Disease in Jamaica - from Benjamin Cochrane to the New Millennium*”.

### **STAFF**

#### **Honours and Awards**

- Dr. D. Ragoobirsingh was elected a member of the American Diabetes Association.
- Drs. Shaun Wynter and Charmaine Mitchell, of the Department of Obstetrics, Gynaecology and Child Health were elected Fellows of the American College of Obstetrics and Gynaecology.
- Emeritus Professor Sir Kenneth Standard was recognized for his contributions to Public Health by a special PAHO Award, which identified him as one of the ten (10) **public heroes of the Americas**, the only person from the English Speaking Caribbean to be so honoured.
- Professor Howard Spencer received **national honours** – the award of the Order of Distinction, Commander Class - for his work in Cardiology.
- Professor Lawson Douglas was awarded the Musgrave Gold Medal by the Institute of Jamaica for his work in the field of Urology.

- Dr. Wayne McLaughlin received the Silver Musgrave Medal for his studies in Plant Biology and especially his work on the lethal yellowing viruses of coconuts.
- Professor Celia Christie was the 2002 recipient of the Stephen Preblud Award from the Centres for Disease Control and Prevention, United States of America.

During the year we had a number of transactions and appointments of new Faculty members. A major change involved the departure of Professor Howard Spencer to assume directorship of the UWI clinical training programme in the Bahamas. We wish him every success in this important undertaking.

A major new addition to the Faculty was the appointment of Dr. Fritz Guldner to the Department of Basic Medical Sciences as Professor of Anatomy. Professor Guldner brings with him considerable expertise in electron microscopy, which should enhance the department's research activities. Other new appointees were Dr. M. Jackson to the Department of Community Health and Psychiatry and Dr. G.L. Saunders to the Department of Microbiology.

Several members of staff received promotions:

Dr. O. Parshad to a chair in Physiology

Dr. M. Lee to a chair in Medicine

Dr. F. Bennett to a chair in Chemical Pathology.

The title of Emeritus Professor was conferred on Professors L. Thé, Robert Gray, Sir Kenneth Stuart and Sir George Alleyne. Drs. A. McDonald, W. McLaughlin, D. Ragoobirsingh, M. Samms-Vaughan, J. LaGrenade and C. Rattray were made senior lecturers.

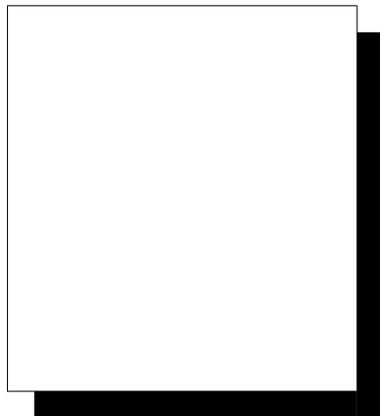
## **Retirement**

We make special mention of the retirement of Mr. Karl Davis, who for many years was the Chief Executive Officer of the University Hospital of the West Indies. His dedication, vision and support of our academic programmes contributed in no small way to the achievements of our Faculty. We therefore place on record our acknowledgment of his services to the hospital and medical school

## **Obituaries**

The Faculty noted with sadness the death of Mrs. Ivy McGhie, former Coordinator of the Community Care of the Elderly in the Caribbean

programme, and the untimely death of Dr. Alfred Donaldson of the Class of 1999.



## **DEPARTMENT ADVANCED NURSING EDUCATION**

**Senator the Hon. Syringa Marshall  
Burnett, CD, MA, RNM, PHN  
– Senior Lecturer & Head of**

**Department**

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**I**n the evolution of Nursing Education in the Caribbean, history was again created when by letter dated April 22, 2002, the Department was advised of the University's approval of **MScN degree**. The July 8 meeting of the Academic Quality Assurance Committee of the Board of Undergraduate Studies approved the courses for the **pre RN BScN** i.e. basic Nursing Education – both programmes are for implementation academic year 2002/2003.

UWI approved (April 2002) graduate MScN programme in the following specializations – Nursing Administration; Nursing Education; Advanced Nursing Practice – Family Nurse Practitioner and Mental Health Psychiatric Nurse Practitioner and Nurse Clinician.

The Pre RN BScN programme was finalized and approved by the Board of Undergraduate Studies, June 2002.

The Post RN BScN initiated 1983, is being revised.

**Dr. Hermi Hewitt's** book *Trailblazers in Nursing Education: A Caribbean Perspectives* was published and launched at the UWI March 19, 2002.

The *Trailblazers* are Miss Julie Symes, first Registrar of the NCJ and a President of the NAJ; Miss R.Nita Barrow founding President of the NAJ spearheaded the passage of the 1951 Nursing Legislation; and Miss Gertrude Swaby another NAJ President who gave outstanding service to both organizations in many capacities. These three nurses were also very involved in the establishment of Advanced Nursing Education at the UWI Mona campus.

Dr. Hewitt is the first Jamaican Nurse to author a historical nursing text. It is already acknowledged as required reading for basic and post basic nursing midwifery programmes and for those interested in the contribution of women to institution building .

Dr. Hewitt also had three (3) radio interviews publicizing this historic achievement. Regional launches followed at the Regional Nursing Body Meeting, Barbados, May 2002 and the Caribbean Nurses Organization 23rd Biennial Conference, St. Kitts Nevis, August, 2002.

She was paid tribute on March 19, 2002 by the Nursing Council of Jamaica (NCJ) and the Nurses Association of Jamaica (NAJ) for her history making publication.

Dr. Hewitt made a presentation on her publication to the Faculty of Medical Sciences Board at its March meeting .

Special meetings of the Ministries of Health, Education and Culture, and the UWI discussed the administrative arrangements for the Nurse Practitioner programmes becoming UWI MScN programmes. There has been 25 years of collaboration between the Ministry of Health and the Faculty of Medical Sciences, Department of Advanced Nursing Education, with support from other Faculties/Departments, for Nurse Practitioner education which attracts regional participants. This brings Nurse Practitioner education in line with international standards.

The Brown's Town Community College (BTCC) requested to conduct the Pre RN BScN programme and began the establishment of a Department of Nursing Education at its Wesley Campus (St. Ann's Bay) for this purpose. BTCC indicate that there are 30 eligible applicants who could begin the programme in the 2002/2003 academic year. The Tertiary Level Institutions Unit at the UWI Mona Campus is involved in these discussions and a site visit was paid to BTCC.

The Nursing Council was requested to give statutory approval to the pre RN BScN programme and to inspect BTCC Wesley campus and related clinical sites, to ascertain readiness to conduct this programme.

Discussions began with University Hospital of the West Indies School of Nursing re the Pre RN BScN programme with a target implementation date of academic year 2004/2005.

EXED Community College Department of Nursing Education indicated that it would renew discussions began in 1996 regarding affiliation, in pursuit of the new BScN programme.

Syringa Marshall Burnett Senior Lecturer, demitted office as Head of Department 31/7/02, having served as Acting Director then Director of the Advanced Nursing Education Unit from 1989 and Head of the Department since 1991.

## **AWARDS & ACHIEVEMENTS**

The Department received the Nurse Practitioners' 25<sup>th</sup> Anniversary Award for 'Outstanding contribution to the development of the Nurse Practitioner Programme' at their 25<sup>th</sup> Anniversary celebrations July 2002.

The UWI/FMS/DANE is again a voting member of the Regional Nursing Body CARICOM an outcome of discussions at the RNB Executive meeting February 2002 and the revised RNB Constitution 2002 which now allows for institutional voting members.

The Department honoured the:

Nursing Council of Jamaica celebrating its 50th anniversary,  
Nurses Association of Jamaica celebrating its 55th year and  
Pan American Health Organization celebrating its centennial.

The Citation on each plaque recalled the sterling contribution of the respective organizations to the inception and development of Advanced Nursing Education at the UWI.

**Syringa Marshall Burnett** received the 2001 Commission on Graduates of Foreign Nursing Schools (CGFNS) Philadelphia USA First International Distinguished Leadership Award for outstanding contribution to nursing. An International Nursing symposia and Award Banquet was held in Philadelphia October 31, 2001 to mark the occasion.

Webster Memorial United Church Award for services to the Rolf Grant Senior Citizens Home (February 2002)

Regional Nursing Body (RNB) tribute and presentation at their 29<sup>th</sup> Annual General Meeting, Bridgetown Barbados May 2002.

Was honoured by the Nurse Practitioners at their 25<sup>th</sup> anniversary celebrations July 2002.

**Steve Weaver** was Elected President of the Lions Club North St. Andrew June 2002,

## **WORK OF THE DEPARTMENT**

**Entrance Examination** Forty (40) applicants from eight (8) Caribbean countries sat this examination on February 8, 2002 for academic year 2002/2003 – fourteen (14) applicants for Nursing Administration; five (5) for Nursing Education; eight (8) for Family Nurse Practitioner and three (3) for Mental Health Psychiatric Nurse Practitioner programmes. All eligible candidates were recommended for admission together with those whose deferrals were approved and those seeking to complete the post RN BScN.

**Distance Education** preparation for Graduate programmes began with the employment of Dr. Hemsley Stewart, RN to format courses for this medium and a consultancy by Dr. Joy Fraser of Athabasca University who worked with Dr. Stewart for three weeks and conducted a work shop with academic staff during March 2002..

**Departmental meetings** were convened in August 2001 and January 2002 to address student matters, semester activities and staff assignments. Other matters included semester/final/supplemental examinations; consultation fund; equipment and furniture; secretarial and support staff; building extension and security. Other meetings dealt with specific matters such as Field work activity, examinations and annual programme evaluation with students.

**The newly approved MScN Programme** was advertised in the Caribbean Ministries of Health in Caricom countries and the Regional Nursing Body were formally notified and national nurses associations advised. A Portfolio outline was developed and circulated to potential applicants.

There were **30 Applicants** as follows:

Nursing Administration	7	Barbados 1; Jamaica 6
Nursing Education	8	all from Jamaica.
Family Nurse Practitioner	10	all from Jamaica
Mental Health/Psychiatric	4	Jamaica 3; St.Lucia 1
Clinical Nurse specialist	1	Jamaica

Twenty-seven (27) applicants sought full time and three (3) part time admission. Twenty-five (25) were recommended for Admission and two (2) given advisement re preparation for admission. Several potential applicants

indicated that they would need more time to negotiate educational leave from their respective employer and to secure financing.

**External Examiner 2002** – Dr. Cynthia Fletcher, Asst. Prof. of Nursing, Purdue University USA was recommended and appointed. She reviewed all BScN and Certificate scripts from the April/May examinations and visited for (4) days. She also visited field work sites in Montego Bay and Kingston, observed some students in their field activities and held discussions with staff and students.

**Annual Departmental Review** was convened at the Hilton Hotel July 1-5, 2002 and addressed by the Dean. In addition to the annual in depth assessment of the academic year, special emphasis was placed on the MScN details and elaboration, assignment of teaching responsibilities, the reorganizing of the post RN BScN programme and a special discussion with Mr. James Walsh, Head, Browns Town Community College (BTCC) regarding their request to offer the UWI approved pre RN (generic) Nursing programme. Mrs. Beryl Webley, Head of Nursing Education BTCC and Mrs. Thelma Deer-Anderson, Registrar, Nursing Council were in attendance.

**Committees:** The entire staff convened as a Curriculum committee together with Nurse Practitioner representatives and chaired by Dr. Hermi Hewitt, to finalise and submit the MScN curriculum in five (5) nursing areas.

**Continuing Education** – Clinical Teaching Programme was conducted May 13- July 6, 2002 with twenty two (22) participants from seven (7) countries. The group included a Registered Midwife. Mrs. Gloria La Touche again coordinated this programme which was well received by participants and their sponsors. All participants were successful.

**Field work activities** for BScN and Certificate students May 13- June 29, 2002 benefited from the employment of preceptors who facilitated the organization of the Certificate students institutional activities and provided support and direct guidance.

**Linkages:** Continuing discussions with Prof. Mary Boland, Francois Xavier Bagnoud Professor of Nursing, University of Medicine and Dentistry of New Jersey (UMDNJ) and Dr. Elaine Patterson, Professor of Nursing UMDNJ, former External Examiner, resulted in a workshop May 17 which dealt with perinatal mother-child HIV transmission and intervention. This was highly appreciated by the participants who were from both government and non government institutions.

Syringa Marshall Burnett, acting on correspondence from the Vice Chancellor established contact with and visited the University of Middlesex (UM) Nursing Department UK. Discussions were held with Research

Professor, Dr. Carol Baxter, RN. Dr. Baxter has provided information regarding UM Nursing Midwifery Research Unit, their PhD programme and other matters of mutual interest. A visit by Prof. Baxter is anticipated.

Viborg School of Nursing Toldbodgade, Viborg Denmark through their International Coordinator Aase Stjerne Hansen, and on the recommendation of Dr. Una Reid requested a six week mental Health Psychiatric nursing placement for a senior BScN student pursuing an international elective.

## **ACQUISITIONS**

The Department received seven (7) new computers courtesy of the Dean's Office and bought four (4) printers, one (1) combination locked cabinet, three (3) secretarial desks, one (1) standard desk, one (1) stationery cabinet and one (1) equipment cabinet; fixtures for male and female washrooms were installed and all cabinets put on wooden pedestals. A photocopy machine was traded for a more modern model and a multimedia projector acquired. The University provided three (3) Fire Extinguishers.

Dr. Una Reid donated books, periodicals, professional magazines and a slide projector.

## **STUDENT MATTERS**

Thirty six (36) students registered for the academic year 2001/2002.

BScN – 17 (Admin 9; Educa. 8);

Certificate Nursing Administration – 10

Certificate Nursing Education – 9

There were also Fourteen (14) applicants from six (6) Caribbean countries for the Family Nurse Practitioner programme This was the 25<sup>th</sup> intake of Nurse Practitioner students and would be the last class admitted under the joint Ministry of Health Jamaica/UWI/FMS/DANE agreement which began in 1977.

The class representatives were Keron Jones Fraser, BScN; Catherine Frew; Cert.N Ed.; Isabel Bennett, Cert. Nurs. Admin.

Sandra Morris received the Mildred Marshall Bursary and Nadeen Euter Tracey the Tastee Scholarship.

Certificate Students field work (May 13-June 28, 2002) was facilitated by the employment of two (2) senior nursing administrators as preceptors.

They were assigned to institutions to organize and guide activities and spent their customary time in Cornwall.

BScN students completed individual research assignments (17) supervised by EM Duff and EYBailey and reviewed by S.A. Marshall Burnett. Certificate students did four (4) group projects, supervised by S. Weaver and reviewed by SMarshall Burnett.

The annual programme evaluation by all students and staff was held June 27, 2002. Students were frank in their evaluation of courses and lecturers; considered their respective programmes most beneficial overall and did not recommend any serious changes. They requested more classroom space and better arrangements for learning labs.

Students hailed the introduction of the MScN and indicated their intention to pursue the specialization of their choice.

The students exceptional final results were as follows:

BScN – 17 students

8 students First Class Honours

6 students Second Class Honours Upper division

3 students Second Class Honours Lower division

Certificate Nursing Administration – 10 students

7 students Honours; 3 Pass

Certificate Nursing Education – 9 students

7 students Honours; 2 Pass

The 24<sup>th</sup> class of Nurse Practitioners graduated February 2002.

**Nursing Midwifery Research Centre of the Department of Advanced Nursing Education (DANE/NMRC).** The work programme discussed at the first meeting for the academic year was sustained.

NMRC organized and implemented the 13<sup>th</sup> annual Nursing, Midwifery Research Conference on the theme “Womens’ Health Issues”, which had its opening ceremony May 14 and scientific sessions May 15 and 16, 2002, attracting a record 1300 participants daily from 13 Caribbean countries.

The conference committee was chaired by Mrs. Yvonne Wint, Asst.Lecturer supported by staff members and Mrs. Ramsay, Rhone and Hamilton. Dr. Hewitt, Dr. Duff and Mrs. Kahwa reviewed and selected abstracts and a book of Abstracts was prepared for conference participants.

Prof. Elsa Leo-Rhynie, Deputy Principal, Mona Campus, addressed the opening ceremony on the evening of May 14. Prof. Willa Doswell, U Pittsburgh School of Nursing gave the keynote address May 15.

There were 25 scientific papers, a plenary and a three person panel presentation addressing Women and Development, Education and Politics with a health focus. Cultural presentations on the theme concluded the conference.

Messrs. Kushan Amarakoon, Elroy Campbell and Damion Brown facilitated the conference preparation and presentation with their expert technological work.

*The Jamaican Nurse 2001: 39:2* was devoted to the publication of the 13<sup>th</sup> Annual Nursing Midwifery Research conference proceedings.

## **RESEARCH IN PROGRESS**

- Dawkins E., **Hewitt H.**, Obiefuna P. **Wint, Y.** Antibacterial effect of Carica Papaya on Common Wound Organisms.
- **Duff, M.** Follow Up of Eighty (80) Patients with Uncontrolled Hypertension
- **Duff M.**, Anderson N., **Hewitt H.**, **Wint Y.**, **Bailey EY.**, Wright-Pascoe R. Knowledge, lifestyle practices, blood glucose control and cardiovascular risk in patients with diabetes mellitus.
- **Hewitt H.** Critical Epochs of the Nursing Council in Jamaica
- **Kahwa E.** Anticardiolipin Antibodies in Jamaican Women with Thromboembolic Disorders and in Primiparae
- **Lopez Sheryll** Psychosocial Coping Mechanisms of Patients with End Stage Renal Failure on Dialysis, and their families
- **Marshall Burnett, S, Bailey E., Wint Y.** Trace Study of BScN Graduates.
- **Marshall Burnett S., Hewitt H., Lopez S., Whittle S., Wint Y.** Topical Use of Papaya for Chronic Ulcers – Patient Studies
- **Weaver S.** Health and Illness in a rural Community.

## **PAPERS PRESENTED**

**Hewitt H.**

- “Antibacterial effects of Carica Papaya on common wound organisms”. 47<sup>th</sup> Annual Scientific Meeting of the Caribbean Health Research Council, Cara Inn, Georgetown, Guyana. April 2002; and 23rd Biennial Conference of the Caribbean Nurses Organization, St. Kitts Nevis, August 15, 2002.

**Duff M.**

- “Evaluation of Hypertension Intervention in Jamaica”. 13th Annual Nursing Midwifery Research Conference, May 15, 2002, Kingston Jamaica.
- “Satisfaction among patients attending a specialist medical clinic”. Faculty of Medical Sciences Research Day, Nov. 2, 2001, UWI Mona.

**Kahwa E.**

- “Anticardiolipin Antibodies and Risk of Thromboembolic Disease in Young Jamaican Women”. 13<sup>th</sup> Annual Nursing Midwifery Research Conference, May 15, 2002, Conference Centre, Kingston Jamaica.

**Marshall Burnett S.**

- “Issues Influencing Women’s Health”, 13<sup>th</sup> Annual Nursing Midwifery Research Conference May 15, 2002 Conference Centre, Kingston Jamaica.

**Stewart H.**

- “Sexual Harassment at the Workplace”, 13<sup>th</sup> Annual Nursing Midwifery Research Conference May 15, 2002, Conference Centre, Kingston Jamaica.

**Stewart H**

- “Conflict Analysis and Resolution”. Annual Conference of The Nurses Association of Jamaica, Jamaica Grande Hotel, Ocho Rios, October 2001 and 13<sup>th</sup> Annual Nursing Midwifery Conference May 15, 2002, Conference Centre Kingston Jamaica

**Duff EM**

- Selected Micronutrients. Meeting for Medical Practitioners: PreNatal Nutrition in the New Millenium. Hilton Hotel, Kingston, October 30, 2001.

- How to Write a Research Article and Cardiovascular risk and Nutrition intervention Nurse Practitioner, 25<sup>th</sup> Anniversary Conference, Wyndham Rose Hall Hotel Montego Bay, July 24 and July 27, 2002.

**Hewitt H.**

- “Nurses with integrity empowered with a vision of Excellence”. Excelsior Community College Nursing Department, Valedictory Service Sept. 9, 2001.
- Graduation Address to the Kingston School of Nursing Hilton Hotel, December 13, 2001.
- “Ethical and Professional Responsibility in Critical Care Nursing”. GRADUATION ADDRESS to the Kingston Public Hospital First Critical Care Nursing programme, Pegasus Hotel, Kingston, January 23, 2002.

**Marshall Burnett S.**

- “Nursing Education in the Caribbean”, CGFNS International Distinguished Leadership Award Symposium Philadelphia October 31, 2001
- “Creating a Culture of Change”. North East Regional Health Authority Award Function , Ocho Rios, Nov. 29, 2001.
- “The Future of Nursing Education in the Caribbean”, Grenada Nurses Association 50<sup>th</sup> Anniversary celebration December 17, 2001. Civil Service Centre, St. Georges, Grenada.
- “Women and Politics”. Panel discussion 13<sup>th</sup> Annual Nursing Midwifery Conference May 16, 2002 Conference Centre Kingston Jamaica.

**Wint Y**

- “Overview of the Nurse Practitioner Programme”: The Jamaican Perspective. Stakeholder’s workshop, Ministry of Health, Trinidad and Tobago & PAHO. Ambassador Hotel, Port of Spain Nov. 2, 2001

## **PUBLICATIONS**

### **Refereed:**

#### **Kahwa E.**

- \* Anticardiolipin Antibodies and the risk of thromboembolic disease in young Jamaican Women. *Journal of Cardiovascular Risk* 2001; 8: 349-354.

#### **Stewart H. (2002)**

- \* Conflict Analysis and Resolution, *The Jamaican Nurse* 2002:40:1 p.
- \* Sexual Harassment at the workplace, *The Jamaican Nurse* 2002:40: 2. p.

### **ABSTRACTS**

- \* Bobb Liverpool B., **Duff EM, Bailey EY.** Compliance and Blood Pressure Control in Women, *The Jamaican Nurse* 2002:40:2 p40
- \* Campbell A, **Duff EM, Bailey EY.** A comparison of Labour and delivery outcomes in mothers induced with cytotec or pitocin, *The Jamaican Nurse* 2002:40:2 p
- \* **Cunning S, Forrester J., Graham M., Duff EM.** Knowledge, Attitude and Practices of Nurses toward breast self examination, *The Jamaican Nurse* 2002:40:2 p.
- \* Dawkins G. **Hewitt H. Wint Y.,** Obiefuna P. Antibacterial effects of Carica Papaya fruit on common wound organisms, *West Indian Med. J* 2002:51 (Suppl. 2):14
- \* **Duff EM.** (2002) Evaluation of Hypertension Intervention in Jamaica, *The Jamaican Nurse* 2002:40 :2 p
- \* **Kahwa E.** (2002) Anticardiolipin Antibodies and Risk of Thromboembolic Disease in Young Jamaican Women, *The Jamaican Nurse* 2002: 40 :2 p
- \* Long-Carr P. **Duff EMW., Bailey EY.,** Denbow C., Satisfaction among patients attending a specialist medical clinic, *West Indian Medical Journal* 2001:50 Suppl.5 P18.

- \* Wilson A., **Duff, ENW., Bailey EY.**, Wright Pascoe R., Knowledge, Beliefs, Practices, Blood Pressure and Blood Glucose Control in Women with Diabetes Mellitus, *West Indian Medical Journal* 2001: 50 Suppl. 5 P36
- \* Wilson A. Duff EM. Bailey EY Wright Pascoe, R. Knowledge, Attitude and Practice – Blood Pressure and Glucose control in women with diabetes mellitus, *The Jamaican Nurse* 2002: 40 :2 p,

### **Non Refereed**

#### **Duff EMW**

- \* Nutrition Intervention in Cardiovascular Risk Factors. *Nurse Practitioners' 25th Anniversary Commemoration Publication*, July, 2002 P.49 -52.

#### **Hewitt H.**

- \* Professionalism: A Necessary Asset for Advanced Nursing Practice *Nurse Practitioners' 25th Anniversary Commemoration Publication* July 2022. P35-43

#### **Lopez S.**

- \* Ethical Responsibilities in Advanced Nursing Practice. *Nurse Practitioners' 25th Anniversary Commemoration Publication*, July 2002. P44,48

#### **Marshall Burnett S.**

- \* Editorial *The Jamaican Nurse* 2001:39 : 3
- \* Editorial *The Jamaican Nurse* 2002: 40 : 1
- \* Editorial *The Jamaican Nurse* 2002: 40 :2
  - A Nurse Practitioner Programme for Jamaica P. 19-21. *Nurse Practitioners' 25<sup>th</sup> Anniversary Commemoration Publication*, July 2002.

#### **Stewart H.**

- \* Patient Focused Care Another Look – The Role of the Nurse Manager. *Nurse Practitioners' 25th Anniversary Commemoration Publication*, July 2002. P53-60.

**Wint Y.**

- \* Editorial. *Nurse Practitioners' 25th Anniversary Commemoration Publication* July, 2002. P4.

**PUBLIC SERVICE**

**EYBailey**

- Member, Nurses Association of Jamaica
- Member, UHWI School of Nursing League of Graduate Nurses Executive
- Member, The Jamaican Nurse Committee, Nurses Association of Jamaica
- Member, Liguanea Kiwanis Club Indigent Feeding Programme
- Member, Volunteer Nurse, Annual Synod of the Methodist Churches in the Caribbean and the Americas.
- Member, Family Life Committee, Jamaica District of the Methodist Church in the Caribbean and the Americas

**EMW Duff**

- Member, Equestrian Federation of Jamaica
- Member, Jamaica Food and Nutrition Society
- Member, Alumnae Association, Royal Victoria Hospital Montreal Canada
- Member, Jamaican Society for the Prevention of Cruelty to Animals

**H Hewitt**

- Member, UWI Mona HIV/AIDS Response Committee
- Member, University Hospital School of Nursing, League of Graduate Nurses
- Member, Friends Committee, Faydene Methodist Home for Elderly
- Member, Alumni Asscn. Universities of West Indies, Tulane and Iowa
- Member, Sigma Theta Tau International Honour Society of Nursing

- Secretary, Family Life Committee, Methodist Church in the Caribbean and Americas, Jamaica Methodist District.
- Chairman, The Jamaican Nurse Committee, Nurses Association of Jamaica

### **S Lopez**

- Member, Nurses Association of Jamaica
- Member, University Hospital of the West Indies School of Nursing,
- Member, League of Graduate Nurses, Executive
- Member, The Jamaican Nurse magazine Committee, Nurses Association of Jamaica
- Member, Board of the Heart Foundation of Jamaica

### **S Marshall Burnett**

- President of the Senate
- Member, Soroptomist International - Kingston Club
- Member, Sigma Theta Tau International Honour Society of Nursing
- Member, 1000 Club Advisory Board, American Journal of Nursing
- Editor, The Jamaican Nurse
- Reviewer, Journal of Advanced Nursing, Blackwell Publication UK.
- Member, National Executive, People's National Party

### **H Stewart**

- Member, Nurses Association of Jamaica
- Member, Jamaica Association for Mental Health
- Board Member, Nurses Association of Jamaica Cooperative Credit Union Ltd.

### **S Weaver**

- Vice President, (Sept. 2001 to June 2002) Lion's Club of St. Andrew
- Acting President, Ottawa Ave. Neighbourhood Watch

### **YB Wint**

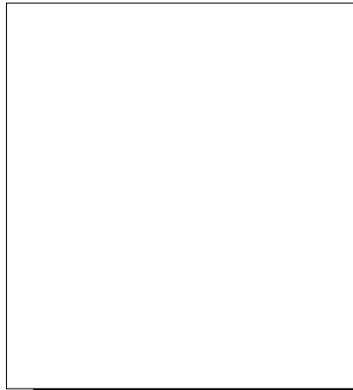
- Secretary, Mount View Parent Teachers Association
- Member, Nurses Association of Jamaica
- Member, Conference Committee, Nurse Practitioners 25<sup>th</sup> Anniversary Conference

- Member, The Jamaican Nurse Committee, Nurses Association of Jamaica

## **DISTINGUISHED VISITORS**

**Dr. Elaine Patterson**, Associate Professor of Nursing, U Medicine and Dentistry of New Jersey USA

**Dr. Mary Boland**, Prof. of Nursing, U Medicine and Dentistry, New Jersey, USA.



**Dr. Peter Johnson**, Prof. of Nursing, State University of New York at Stony Brook.

**Dr. Willa Doswell**, Assoc..Prof. of Nursing U. Pittsburg Penn. USA

**Dr. Joy Fraser**, Asst. .Prof. of Nursing U Athabasca, Alberta Canada

**Dr. Cynthia Fletcher**, Asst. Prof. of Nursing Purdue, University, **Indiana, USA.**

**Dr. Una Reid**, HRD Consultant

# DEPARTMENT OF BASIC MEDICAL SCIENCES

Professor Harvey L. Reid, BSc (Hons), PhD Lond, FICA  
– Head of Department & Deputy Dean

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## WORK OF THE DEPARTMENT

**H**ead of the Department, Professor Harvey Reid completed his three-year term as Head of the Department and Deputy Dean (Basic Medical Sciences). He has been reappointed to serve as Deputy Dean for the 2002/2003 academic year.

Dr. Oswald Simon, Senior Lecturer (Pharmacology Section) has been appointed as the new Head of Department for the period August 1<sup>st</sup>, 2002 to July 31<sup>st</sup>, 2005.

The Newly Restructured Medical Curriculum was implemented at the beginning of the 2001/2002 academic year with an intake of 109 students. Both the Department and Faculty were pleased with the running of the new programme despite some teething problems. Most of the problems were identified at a “Review of Year I”. It is anticipated that these areas of concern will be addressed in preparation for the second year of the new curriculum. Detailed preparations have also been made to launch the Bachelor of Medical Science (B.Med.Sci.) Degree in September 2002.

The Department welcomed Mrs. Tazhmoye Crawford-Brown to the newly created post, of Senior Administrative Assistant. The Department also welcomed the arrival of Dr. Fritz Guldner, the newly appointed Professor of Anatomy. He was formerly Professor and Head of Anatomy Section and Head of the Nelson Mandela School of Medicine, University of Natal, South Africa.

Mr. Winston Young and Miss Kameka Johnson also joined the Department as Scientific Officer and Laboratory Attendant, respectively.

Congratulations were warmly extended to **Dr. Omkar Parshad** on his elevation to the rank of Professor in Physiology, and to **Drs. Wayne McLaughlin** and **Dalip Ragoobirsingh**, both in the Section of Biochemistry, on their promotion to the rank of Senior Lecturer. Congratulations are in order to **Mr. Dagogo J. Pepple**, Teaching Assistant, who was awarded his PhD in Medical Physiology. He has been appointed an Assistant Lecturer in the Section of Physiology.

We all joined in congratulating Mrs. Maxine Gossell-Williams, Lecturer in Pharmacology, on the birth of a baby boy.

Drs. Wayne McLaughlin and Cyril Fletcher took their Sabbatical Leave this academic year and will resume duties on August 1<sup>st</sup>, 2002.

The Department demonstrated its appreciation to the Secretarial staff for their good work throughout the year by awarding a *Secretary of the Year* (2001/2002) plaque to Miss. Omar Anderson (Pharmacology Section), while Miss. Doreen Brown (Anatomy Section) was elected runner-up Secretary of the Year. This expression of appreciation was very well received.

Seven members of staff were honoured at the *Long Service Award Ceremony* held on December 13, 2001. The Awardees were: Drs. Paul Singh, Lauriann E. Young and Mr. Orville Walker (15 years and over), Professor Omkar Parshad and Dr. Andrew Pearson (21 years and over), Mr. Alexander Thomas (30 years and over), and Mr. Albert Lee (40 years and over).

The Department of Basic Medical Sciences was honoured by Professor Kenneth Hall, Principal, on *RESEARCH DAY 2001 – CELEBRATION OF EXCELLENCE*, with the award of a *“DISTINGUISHED RESEARCHER”* plaque. Professor Reid received this on behalf of the Department. This was certainly one of the highlights of the year's events.

### **Staff Development**

Mrs. Rachel Irvine, Chief Laboratory Technologist, was seconded to the post of Junior Research Fellow to work on the MODY (Mature onset diabetes of the young) project with Dr. James Mills and his collaborators.

Professor Reid and Mrs. Crawford-Brown participated in a 2-day Executive Forum, entitled “Leadership in Customer Care” mounted by the University. Professor Reid also attended the Workshop, “Producing Extraordinary Results” by Dr. Wesley Morris, sponsored by the University of the West Indies.

Drs. Paul Singh, Omkar Parshad, P. Rajendran, and Lauriann Young participated in an **Item Writing Workshop** in February 2002 organized by the Faculty's Curriculum Affairs. The objective of this workshop was to expose Faculty staff to the principles of writing Multiple Choice Questions for use in the new Medical curriculum.

Members of the Technical and Ancillary staff attended and participated in several Awareness Seminars/Workshops. Miss. Andrea Richards, Mrs. Tazhmoye Crawford-Brown, Mrs. Rosetta Wilmot-Smith,

Miss. Erica Jones, Miss Georgia Thomas and Mr. David Haynes participated in the University's Awareness Week, and received special fire Warden training.

Mr. Orville Walker and Kirk Warren participated in the Campus' Security Awareness Sessions. Mr. Walker, Mr. Warren, Mr. Clinton Dawson and Mr. Phillip Pusey participated in the Occupational Health and Safety Training Sessions, put on by the University. Mrs. Claudette Waugh, Miss. Georgia Thomas and Miss. Lady Fay Clarke attended the Environmental Stewardship Guide 3-day training course, held at the Management Institute for National Development.

Dr. James Mills was appointed as the Stage I Co-coordinator of the New Medical Curriculum. Miss. Jacqueline E. Vigilance was appointed as Teaching Assistant in the Physiology Section.

## **AWARDS**

Dr. P. Rajendran (Physiology Section) received the Principal's Research Initiative Fund for new Lecturers. The award was for the sum of US\$28,000.00. He also received a Welcome Trust award of two thousand pounds (sterling) to facilitate his visit to the National Hospital for Neurology and Neurosurgery in London, England.

Miss. Patience Bazuaye (Graduate Student) received the 1<sup>st</sup> Prize of US\$750.00 for her poster presentation at the 47<sup>th</sup> Caribbean Health Research Conference (CHRC). Miss. Icolyn Haye was awarded a Commonwealth Split-Site doctoral scholarship for one year, commencing October 2002 tenable at John Innes Centre, Norwich, England, UK.

## **RESEARCH GRANTS**

The Department attracted research grants amounting to US\$393,041.77 (J\$17,686,879.00). Of this amount the academic staff accounted for US\$316,520.00 (J\$14,243,400.00), mainly from outside agencies. The balance of US\$76,521.77 (J\$3,443,479.70) went towards Graduate Student research, with the major contribution coming from the School for Graduate Studies and Research. In addition, Graduate students benefited from a Departmental Allocations of Research & Publications and Graduate Award Committee Fund for 2001/2002, valued at J\$336,407.69.

## **RESEARCH IN PROGRESS**

### **M. Ashby**

- Signal transduction pathways in cyanobacteria.

**H. Asemota**

- The use of biotechnological, biochemical and molecular strategies for production and storage improvement, and optimal utilization of tropical tuber crops.

**M. T. Gardner**

- Induction of prostate cancer in castrated rats and assessment of lipid profile and the effect of heavy metals found in terra rosa soils.
- Studies on the possible evidence of syphilis in Taino (Arawak) people of Jamaica.

**J. Menzie**

- Investigation of chemically induced breast cancer in rats.

**Y. Sujathama**

- Teratological and embryological effects of cadmium and zinc on pregnant rats.

**A. D'Souza**

- Incidence of coronary atherosclerosis in the Jamaican population

**F. Guldner**

- Plasticity of synapses in the central nervous system

**K. Golden**

- The post harvest physiology of tropical fruits with special interest in the ripening process.

**M. Gossell-Williams**

- Pharmacological investigations of a muscarinic alkaloid isolated from

**L. Lindo**

- Anti-diabetic properties of compounds from *Pilea elizabethae*.

**N. McFarlane-Anderson**

- Genetic and dietary factors in preeclampsia and cervical cancer, immunological uses of bacterial antigens.

**W. McLaughlin**

- Genetic engineering of tomatoes for resistance to Gemini viruses.

**J. Mills**

- Investigation of maturity onset diabetes of the young (MODY) in the Jamaican population.

**E. Morrison**

- Investigation of medicinal plant extracts for treating diabetes mellitus.

**O. Parshad**

- Status of thyroid gland in pregnancy and its relationship to post-partum depression.

**Pearson**

- Protein content of ethanol distillery waste, and agro-industrial waste survey.
- Environmental remediation; the biosorption of heavy metals to peat.

**D. Ragoorbirsingh**

- The role of nitric oxide on blood glucose concentrations and insulin binding activity of erythrocytes and leucocytes.
- The role of post-receptor molecules in the aetiology of diabetes mellitus.

**P. Rajendran**

- Cardiovascular autonomic function and skin vasomotor response in diabetic patients.

**H. L. Reid**

- Effect of haemorheological changes in the aetiology and progression of vascular complications in diabetic patients.
- Effect of iron supplementation on haemoglobin concentration in relation to perinatal outcome.
- Effect of iron supplementation on blood loss in women with menorrhagia.

**O. R. Simon**

- Anti-inflammatory potential of compounds extracted from Noni (*Morinda citrifolia*).
- Development of an animal model of hypertension with homocystine.

**P. Singh**

- Research in Ethnopharmacology and toxicology (paraquat poisoning)

### **Wais**

- Adaptation of bacteria to climatological conditions – the effect of temperature on the growth of tropical bacteria.

### **M. West**

- Anti-glaucoma drugs.

### **L. E. Young**

- The differential and neuroprotective effects of estrogen on cognition in aging rats.
- The differential neurobehavioral effects of marijuana extract and delta-9-tetrahydro-cannabinol in reward/reinforcement on male and female rats subjected to different environmental stressors.

## **PAPERS PRESENTED**

- **Crawford-Brown, T.** “Coping with challenges, contending with change in workforce/organization”. The Caribbean Studies Association 2002 Conference, Nassau, Bahamas, May-June, 2002.
- **Lindo, L. et al .** “Comparison of the hypoglycaemic effect of Sitost-4-3-one and Sitost-4-en-3-ol from *Anacardium occidentale* (*cashew*)”. 2<sup>nd</sup> International Conference on Natural Products, Singapore, July 1-4, 2002. Poster.
- **Omoruyi, F., McAnuff, M., Morrison, E, and Asemota, H.** “Effects of some Dioscorea preparations on lipid levels in streptozotocin-induced diabetic rats”. “2<sup>nd</sup> International Conference on Natural Products,” Singapore, July 1-4, 2002. Oral Presentation.
- **Ragoobirsingh, D. et al.** “The hypoglycaemic principle in pepper – a new anti-diabetic drug?” “2<sup>nd</sup> International Conference on Natural Products,” Singapore, July 1-4, 2002. Poster.
- **Ragoobirsingh, D.** “The effect of nitric oxide on glucose metabolism”. “International Symposium, Advances in Cardiovascular Research – Clinical and Basic Sciences.” Faculty of Medical Sciences, St. Augustine Campus, Trinidad, March 4-8, 2002.
- **Wais, A. and Harris, M.** “Growth temperature ranges of temperate and tropical bacteria: Implications for biodiversity”. “102<sup>nd</sup> General Meeting of the American Society for Microbiology,” Salt Lake City, Utah, USA, May 19-23, 2002.

- **Brown, P. et al.** “Detection of leptospire in clinical material”. “XIIIth Annual Meeting of the Caribbean Academy of Science,” The University of the West Indies, Mona Campus, Kingston, Jamaica, June 1-4, 2002.
- **Wheatley, A. O., Riley, C. K. Brown, C. and Asemota, H. N.** “Preserving our heritage – Jamaica yam germplasm collection”. “Moneague Heritage Expo.” Moneague Teachers College, Moneague, St. Ann, Jamaica, March 12, 2002.
- **Riley, C. K., Wheatley, A. O., Hassan, I. and Asemota, H. N.** X-Ray crystallography analysis of yams (*Dioscorea spp.*) grown in Jamaica. “JSAS Conference,” July 18-19, 2002.
- **Riley, C. K., Wheatley, A. O., Reid, W. A., Hassan, I., Ahmad, M. H. and Asemota, H. N.** “Characterization of starches from five Jamaican yams (*Dioscorea spp.*) . “Science Symposium 2002 – Bridging the gap between the lab and the field.” Northern Caribbean University, Mandeville, Manchester, Jamaica, June 5, 2002.
- **Williams, O. J., Raghavan, G. S. V., Golden, K. D. and Yvan, G.** “Ethylene synthesis in tropical fruits, controlling the ripening process via post harvest technology”. Northern Caribbean University, Mandeville, Manchester, Jamaica, May 2002.
- **Hunt, R., Mclaughlin, W. and McFarlane-Anderson, N.** “Investigation of the antibacterial properties of ginger (*Zingiber officinale*) and nutmeg (*Myristica fragans*). “15th Annual Conference on Science and Technology. The Bio-extraction Industry.” Hilton Kingston Hotel, New Kingston, Jamaica. 2001.
- **McAnuff, M., Omoruyi, F., Harding, W., Anderson, N., Jacobs, H., Morrison, E. and Asemota, H.** “Extraction and characterization of steroidal sapogenins from the Jamaican wild yam”. “15th Annual Conference on Science and Technology. The Bio-extraction Industry.” Hilton Kingston Hotel, New Kingston, Jamaica. 2001.
- **Mcanuff, M. and Asemota, H.** “Natural products in Jamaican yams”. Science Symposium 2002 – “Bridging the gap between the lab and the field”. Northern Caribbean University. Mandeville, Manchester, Jamaica. June 5<sup>th</sup>, 2002.
- **Mckoy, M-L., Thomas, E. and Simon, O. R.** “Preliminary investigation of the anti-inflammatory properties of *Morinda citrifolia* (noni)”. “Joint Meeting of the CanadianWestern Pharmacology

Society and the Association Mexicana de Farmacologia.” Mazatlan, Mexico. January 27 to February 1, 2002.

- **McKoy, M-L. and Simon, O. R.** “Cyclic GMP-independent effects of nitric oxide in the pregnant rat uterus”. XIV World Congress of Pharmacology. San Francisco, CA. USA. July 7-12, 2002.
- **Jacobs, A. S. and Simon, O. R.** “Relaxant effect of an extract from the slug on the guinea pig tracheal smooth muscle contraction”. “XIV World Congress of Pharmacology.” San Francisco, CA. USA. July 7-12, 2002.
- **Omoruyi, F, McAnuff, M., Dilworth, L., Harding, W. Anderson, N., Jacobs, H., Morrison, E. and Asemota, H.** “Sustainable development potential of Jamaican tuber crops through exploitation of the natural products”. “Mona Campus Research Day,” University of the West Indies, Kingston, Jamaica. October 18<sup>th</sup>, 2001. Poster.
- **Wheatley, A. O., Riley, C. K., Brown, C., and Asemota, H.** “Preserving our heritage – Jamaica yam germplasm collection”. “Mona Campus Research Day,” University of the West Indies, Kingston, Jamaica. October 18<sup>th</sup>, 2001. Poster.
- **Wheatley, A. O., Ahmad, M. H., Morrison, E. and Asemota, H.** “UWI agri-outreach for poverty alleviation”. “Mona Campus Research Day,” University of the West Indies, Kingston, Jamaica. October 18<sup>th</sup>, 2001. Poster.
- **Ragoobirsingh, D., McGrowder, D. and Brown, P.** “Studies on molecular signal transduction mechanisms in diabetes mellitus”. “Mona Campus Research Day,” University of the West Indies, Kingston, Jamaica. October 18<sup>th</sup>, 2001. Poster.

## PUBLICATIONS

### Refereed

- \* **McGrowder, D., Ragoobirsingh, D.** and Dasgupta, T. “Decreased insulin binding to mononuclear leucocytes and erythrocytes from dogs after S-Nitroso-N-Acetylpenicillamine administration”. *Biomedical Central – Biochemistry* 2002, 3: 1-15, 2002.
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## **PUBLIC SERVICE**

**Mr. C. K. Fletcher**

- Commissioner, St. John’s Brigade.

**Mr. M. Gardner**

- President, Jamaica Historical Society.

**Dr. W. McLaughlin**

- Member, Board Scientific Research Council
- Member, National Commission on Science and Technology's Biosafety Committee
- Member, Jamaica Bureau of standards Microbiology Sub-Committee.

**Professor E. Morrison**

- President, Diabetes Association of Jamaica
- Chairman, Council for Voluntary Social Services in Jamaica.

**Professor O. Parshad**

- President, Indian Cultural Society in Jamaica

**Dr. D. Ragoobirsingh**

- North American Region Representative, Diabetes Education Consultative Section, International Diabetes Federation, Brussels, Belgium.
- Member, American Diabetes Association
- Consultant Diabetes Educator, Diabetes Outreach Project, UWI, Mona; Diabetes Association of Jamaica.

**Professor H. L. Reid**

- Member, Lupus foundation of Jamaica
- Member, Board of directors, Natural Product Institute, UWI, Mona.

**Dr. O. Simon**

- Member, Therapeutic Committee, Ministry of Health, Jamaica.
- Member, Management Committee for the Biotechnology Project, National Commission on Science and Technology.
- Observer, Technical Advisory Committee for the CARICOM Drug Testing Laboratory.

**Professor M. West**

- Advisor, Ministries of Health, Security and Justice: in the areas of Toxicology and Pharmacology

**Professor R. E. Young**

- Member, Science Board, The University Council of Jamaica.

## CATERIGORIES OF STUDENTS

### Undergraduate

The Department continues to deliver courses to students from both the faculties of Medical Sciences and Pure and Applied Sciences.

Table 1 shows a breakdown of the results for the MB BS, Stage I, Parts I, II and III examinations for the 2001/2002 academic year. An exceptionally high number of students were awarded distinctions in Anatomy, Biochemistry and Physiology in the December examinations. A significant number of students also received distinctions and honours in Pharmacology.

Examination	Anatomy		Biochemistry		Pharmacology		Physiology	
	Dec 01	May 02	Dec 01	May 02	Dec 01	May 02	Dec 01	May 02
Registered	111	10	109	2	00	101	107	6
Distinction	6	0	7	0	0	12	6	0
Honours	24	0	21	0	0	43	20	0
Pass	70	10	69	2	0	40	72	4
Fail	10	0	2	0	0	6	7	2
Exempt	0	0	10	0	0	0	0	0
Absent	1	1	0	0	0	0	2	0

**Table 1: Results for the MB BS, Stage I, Parts I, II and III examinations (2001/2002)**

Certificates were presented to nineteen (19) students who were awarded Distinction and 35 students who were awarded Honours, in one or more subjects. A variety of medals and prizes were also awarded to students for their excellent performance in the examinations (table 2).

#### Medals/Prizes

Anatomy Medal  
 Biochemistry Medal  
 Community Health Medal  
 Pharmacology Medal

#### Recipients

- Ramon Dion Arscott  
 - Kerice Ann Pinkey  
 - Sayna Elizabeth Gayle  
 - Tamara Yvonna Greaves

Physiology Medal	–	Kerice Ann Pinkney
Pre-clinical Medal	–	Tamara Yvonna Greaves
David Gunberg Prize in Anatomy	–	Hilary Kay M. Johnson
Noel Hays Prize in Anatomy	–	Dwaine Junior Cooke

### **Award of medals and prizes continue**

Walter Harper Prize in Anatomy	–	Ramon Dion Arscott
Noel Harper Prize in Anatomy	–	Dwaine Junior Cooke Sithu Win
D. A. N. & Vera Hoyte Prize in Anatomy	–	Rae Edinrin Obasare Sanya Elizabeth Gayle
Dr. Thirumalai Prize in Physiology	–	Kerice Ann Pinkney
E. V. Ellington Memorial Prize in Medical Biochemistry	–	Kerry Ann-Marie Skyers
E. V. Ellington Pre-clinical Prize (donated by the Medical Alumni Association – Canadian Chapter)	–	Tamara Yvonna Greaves
Lisa Miller Prize in Pharmacology	–	Diana Peta-Gay English

**Table 2: Medals and Prizes Awarded: MB BS stage I Examinations, Class of 2005**

## **Postgraduate**

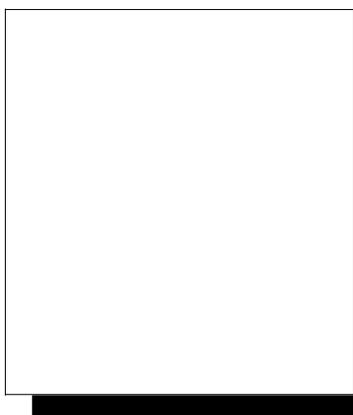
A total of 51 students were registered in the MPhil/PhD programme this year. Thirty three of these were beneficiaries of a Departmental Award. A number of students were also granted a Supplemental award.

The Department extends congratulations to the following persons who were awarded higher Degrees:

Georgina Gordon .....	PhD (Biochemistry) Supervisor – Dr. W. McLaughlin
Dagogo Pepple .....	PhD (Physiology) Supervisor – Professor H. L. Reid
Maxine Gossell-Williams .....	PhD (Pharmacology) Supervisor – Dr. O. Simon
Keith Mullings .....	MPhil (Biochemistry) Supervisor – Dr. H. Asemota
Karen Thaxter .....	MPhil (Physiology) Supervisor – Professor O. Parshad

## **DISTINGUISHED VISITORS**

**Professor Junior Barnes** and **Dr. Trevor Alleyne**, Department of Basic Health Sciences, Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad & Tobago, West Indies.



**Drs. Leticia Gil Vieyra** and **Rosamaria Espinosa Argote**, The Universidad Autonoma de Mexico (UNAM), Mexico.

## **EXTERNAL EXAMINERS**

### **VISITING**

**Emeritus Professor D. A. N. Hoyte**, Department of Anatomy, University of Nottingham, England, UK.

**Professor Robert Carroll**, School of Medicine, Department of Physiology, East Carolina University, USA.

**Dr. Mohamed Bayorh**, Associate Professor, Department of Pharmacology/Toxicology, Morehouse School of Medicine, Atlanta, Georgia, USA.

**Professor Peter Knot**, Head, Pharmacology Unit, Faculty of Medical Sciences, Mount Hope Medical Complex, Trinidad & Tobago

# DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY

**Brendan C. Bain, BSc, MB BS (Hons.), DM, MPH, Dip. Med. Ed. –  
Professor of Community Health & Head of Department**

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## WORK OF THE DEPARTMENT

### Introduction

**A**t least four important new developments highlighted the activities of the Department this year. First, the Master of Science **MSc Clinical Psychology** programme was launched as a joint venture between the Department of Sociology, Psychology and Social Work and the Section of Psychiatry. The programme is situated and taught in the Section of Psychiatry. Secondly, the Doctor of Philosophy **DM Clinical Psychology** programme was approved by the Board for Graduate Studies and it is due to commence in the 2002-2003 academic year. Next, three members of staff completed their Master of Public Health degrees, bolstering our technical capacity. Fourthly, the Department has become home to the office of a multidisciplinary, cross-faculty **UWI HIV/AIDS Response Programme (UWI HARP)**.

Our academic staff have continued their active involvement in the development and implementation of curricula for medical students and graduate students. In addition to several new courses that are part of the Clinical Psychology programmes, modules have been developed and taught in the new Bachelor of Medical Sciences (B.Med.Sci.) programme and courses in Health Promotion have been prepared and approved for addition to the Master of Public Health (MPH) degree programme in the 2002-2003 academic year. The Department also continues to prepare for an expanded role in distance teaching. Preliminary discussions were held with local and

foreign colleagues with a view to increasing the Department's involvement in distance teaching and learning programmes in Family Medicine and Emergency Medicine.

This year we have made efforts to strengthen the teaching of Biostatistics in the undergraduate and graduate programmes. The course in Biostatistics for graduate students enrolled in the Master of Science and Master of Philosophy/Doctor of Philosophy degrees in Public Health and the DM in Psychiatry now includes lectures, and practice in data analysis and presentation of findings. A significant component of the programme was hands-on computer laboratory time using the Statistical Program for the Social Sciences (SPSS) software.

Outreach to local communities continues to be at the heart of the Department's activities. The Health Centre adjacent to the main office building of the Department continues to provide primary health care services to persons in the neighbouring communities. Other public service and outreach projects include services to the elderly in several parishes by staff in the Section of Community Health, and a mental health intervention activity called the "Oasis Restoration project", which is being carried out in the inner city community of Rema, Trench Town, Kingston by a multidisciplinary team from the Section of Psychiatry.

## **TEACHING**

### **A. Undergraduate Medical Programme**

Our undergraduate medical students are showing greater interest in the discipline of Psychiatry as the content of the clinical clerkships is being altered to create a better match with the real spectrum of mental health issues encountered in community and hospital settings. Clinical clerkships in Psychiatry are patient-centred, including ward rounds and interdisciplinary case discussions.

Last year, the Objective Structured Clinical Examination (OSCE) in the final MB BS examination included two stations in Psychiatry for the first time in its history. In the corresponding examination in June 2002, again, for the first time in the history of the examination, the OSCE included a Community Health station.

As in previous years, fourth year MB BS students doing their clerkships in Community Health were supervised in design; analysis and reporting of quantitative research projects. Studies have been conducted in everyday, natural settings. The students value the experience, although time constraints have prevented them from gaining greater experience in the use of rigorous methods of sampling.

## **B. Graduate Programmes**

### **1. Section of Psychiatry**

#### *Doctor of Medicine, Psychiatry*

In August 2001, three persons were successful in the Part I examinations of the DM (Psych) degree, two persons passed the DM (Psych) Part II examination, and one person was successful in the DM (Psych) Part III examination. Dr Ganesh Shetty was awarded the Eli Lilly Prize for the best Part II candidate. Two students entered the DM (Psych) programme in September 2001.

#### *Master of Science (M.Sc) in Clinical Psychology*

This is a collaborative programme between the Psychology Unit, Department of Sociology, Psychology and Social Work and the Section of Psychiatry, Department of Community Health and Psychiatry. The program is situated and taught in the Section of Psychiatry and commenced with 11 students.

#### *Master of Philosophy/Doctor of Philosophy (MPhil/PhD) in Clinical Psychology*

The Board for Graduate Studies has approved the implementation of the Master of Philosophy/Doctor of Philosophy programme in Clinical Psychology. Six students have applied for registration in this programme for the coming academic year.

#### *Masters Degree in Activity Therapy – proposed new programme*

The Steering Committee to pilot this new Masters Degree programme was launched in the Section of Psychiatry on Thursday 2<sup>nd</sup> May 2002. This multi-disciplinary committee was comprised of representatives from Section of Psychiatry and from the Faculty of Arts, the Edna Manley College of the Creative Arts, the Faculty of Social Sciences (Psychology Unit), and the Nursing and Physiotherapy Services of the University Hospital of the West Indies.

### **2. Section of Community Health**

#### *Master of Public Health (M.P.H.)*

In November 2001, 26 students graduated with the Master of Public Health degree.

In 2002, 46 students were recommended as suitable candidates to read for the degree.

*Master of Philosophy/Doctor of Philosophy (MPhil/PhD) in Public Health*

Monthly meetings were held at the department with ten MPhil/PhD (Public Health) students.

*Master of Science/ Doctor of Medicine in Family Medicine*

In September 2001, the “new-look”, mixed mode (face-to-face and distance learning) Master of Science (MSc) in Family Medicine commenced with 13 students from several parts of Jamaica. Preparation of learning modules for this three-year programme was a collaborative venture with colleagues from the three UWI campuses. Graduates of the MSc programme will be eligible to complete the Doctor of Medicine (DM) degree in Family Medicine.

**C. Other courses offered in the Department**

*Course in Community Care of the Elderly*

Twenty students from the Caribbean participated in the Year 2002 Regional Course on Community Care of the Elderly in the Caribbean which was held from January 28-June 27, 2002. All participants graduated at the end of the course – six with distinction.

*Second Annual Course on Infectious Disease Surveillance and Control in collaboration with University of Alabama at Birmingham.*

This course was held from August 11-18, 2001 and was attended by graduate students from the University of Alabama (UAB) and the University of the West Indies and by technical staff of the Jamaican Ministry of Health. The course consists of a mixture of classroom lectures and field work.

*Courses for training of ‘Pre-Hospital’ Emergency Medical Technicians*

During the academic year, 95 ‘Pre-hospital’ Emergency Medical Technicians (EMTs) and 21 ‘First Responders’ were trained and certified through a programme of short courses with a heavy emphasis on teaching and practicing hands-on skills. In March 2002, six EMTs received refresher training for the US National Registry Examination, while in June ten persons were trained in Emergency Medical Vehicle Operations.

The Government of Jamaica through the Ministry of Health and the National Fire Services have invested in this type of training for their staff. A small number of quasi-Governmental agencies, including the Airports Authority of Jamaica and certain private enterprises have also sent members of their work force for EMT and First Responder training. Experience from this training programme is now being transferred to the early training of

undergraduate medical students as part of a module entitled, Introduction to Medical Practice.

*'Mini Medical School 2002'*

This novel programme was organized and run by the Section of Community Health in association with the Office of the Dean of the Faculty of Medical Sciences and the UWI Medical Students Association, with sponsorship from Pfizer Inc. The project was designed by Lecturer, **Mrs Desmalee Holder-Nevins** and **Professor Brendan Bain** and was directed at students in Grades nine and ten from the nearby Mona High School under the supervision of the School Guidance Counsellors. Students attended teaching/learning sessions on campus four hours weekly over a six week period. The sessions were conducted by medical students and Faculty, including Mrs. Nevins and **Mr Henroy Scarlett** and focused mainly on promoting healthy lifestyles among these young people. Forty-three participants were presented with certificates of completion of this programme. A second phase is planned in which the students will share what they learnt with their peers.

*Short course in Health Promotion and Health Education*

Ten students registered for and completed this course, which was sponsored by the Pan American Health Organization and held from July 1-12, 2002. The participants included persons serving as Health Educators, Public Health Inspectors and a Public Health Nurse. As part of the course, each student had to identify practical areas in which they could apply the principles learnt. Follow-up by e-mentoring and field visits has been planned in order to reinforce the learning gained during the course and to evaluate the students' application of their knowledge and skills.

**D. Section of Psychiatry Distinguished Lecture Series**

This new teaching/learning programme was started in September 2001 with a presentation by Dr Gerard Hutchinson, Senior Lecturer in Psychiatry from the UWI St. Augustine Campus on "*Issues of African Caribbean Mental Health in the UK.*" Other lecturers and topics were:

- Dr Anne Hudson, Senior Lecturer in Multicultural Education, Queensland University of Technology, Brisbane Australia and President of the World Association of Multicultural Education. "*Post-Modernism and Post-Colonialism: the challenge to Foucault and the Postmodernists.*"
- Dr. Jacqueline Sharpe, Consultant Child Psychiatrist Trinidad and Tobago and President of the World Family Planning Association.

*“Separation and Loss; sadness and survival: A Caribbean Legacy?”*, and *“Children and violence at home and in the community.”*

- Professor Renn Holness, Consultant Neurosurgeon, Dalhousie University, Halifax Canada, and Past President of the American Neurosurgery Association. *“The interface between Neurosurgery and Psychiatry: the challenge for the new millennium.”* This lecture was organized jointly with the Department of Surgery, Radiology & Anaesthetics and was facilitated by Apotex Inc.
- Dr. Pilar Moreno, Consultant Psychiatrist, PAHO Special Advisor in Mental Health to Panama. *“Depression, Suicide Prevention and Community Mental Health.”* Her visit was facilitated by the Pan American Health Organization.
- Professor William Lawson, Head, Department of Psychiatry, Howard University. *“Bipolar Disorder in African-Americans.”*

The series of lectures has been well received and the Section of Psychiatry is continuing this project.

## COLLABORATION

### Inter Departmental, University of the West Indies

*UWI HIV/AIDS Response Programme (UWI HARP)*: This multidisciplinary programme was formally launched in August 2001 in order to coordinate and accelerate the university’s response to the HIV/AIDS epidemic. The mission of UWI HARP is “to build and harness capacity within the university in order to contribute to the national, regional (Caribbean) and international effort to control the HIV/AIDS epidemic and to mitigate the impact of HIV/AIDS on the university itself and on the wider society.” A UWI HARP Coordinating Unit, led by **Professor Brendan Bain** and reporting directly to the Vice-chancellery, has been set up in the Department of Community Health & Psychiatry. UWI HARP committees have been established on the three campuses and the Coordinating Unit is networking with staff from non-campus countries via the School of Continuing Studies.

*Department of Sociology*: The Section of Psychiatry collaborated with the Psychology Unit of the Department of Sociology and Social Work in the development of an MSc Clinical Psychology Programme. Along with psychologists, Dr. Brigitte Matthies and Dr. Tony Ward, **Professor Frederick Hickling** co-authored the prospectus for the course, and assisted in piloting its acceptance in the University. This programme is a joint project

of the Department of Sociology, Psychology & Social Work, and the Department of Community Health and Psychiatry, and is being conducted in the Section of Psychiatry.

*School of Continuing Studies:* **Dr Charles Thesiger** collaborated with Professor Lawrence Carrington, Pro-Vice-Chancellor and Director of the School of Continuing Studies and Mrs. Reid, Lecturer, Department of Sociology, Psychology & Social Work to develop the Regional Addictions Studies programme to be offered in Montego Bay and Mandeville, using distance teaching methods.

*Department of Management Studies:* Staff from the Section of Psychiatry worked with Mrs. Hilary Robertson-Hickling, Lecturer in the Department of Management Studies, and Mrs. Sonia Mills of the Environmental Foundation of Jamaica to identify methods to assist the young people in the Oasis Restoration Project in the Kingston inner city community in Trench Town.

### **International**

The Department continued to collaborate with several international institutions including:

*Boston University* – Professor Bain was appointed to the position of Adjunct Full Professor in the Department of International Health, Boston University School of Public Health.

*Dalhousie University Canada* – Dalhousie has agreed to accept fourth year residents from the Section of Psychiatry for one and two year fellowships in child psychiatry.

### **GRANTS**

Canada Fund Grant: The Section of Psychiatry received a grant of J\$860,000 for the purchase of a Minibus to be used by the Community Mental Health Team

Environmental Foundation of Jamaica Grant: The Section of Psychiatry received a grant of J\$150,000.00 per annum for three years to launch a Community Development / Violence Prevention programme at the Restoration Academy in Rema, Trench Town.

Professor FW Hickling and Ms T. Haynes: A grant of J\$156,000.00 was received from the UWI Postgraduate Research Fund – Centre for the study, *Relapse or Reintegration: A 10-year Outcome Study of First Contact Schizophrenia*.

Professor FW Hickling: J\$820,600.00 Grant from the Research Fellowship Committee of UWI for project: *A Ten-year Outcome Study of First Contact Schizophrenia in Jamaica.*

Faculty of Medical Sciences/Section of Community Health: US\$10,000.00 Grant from Pfizer Inc. to develop and run a “Mini Medical School” for high school students in Kingston, Jamaica.

Dr Denise Eldemire-Shearer: US\$60,000.00 Grant from the World Health Organization for study of an “Integrated Response to Population Aging.”

Dr Denise Eldemire-Shearer: J\$1.2 million for study of “Contribution of Senior Citizens to Development.”

UWI HARP: Approx. 2.7 million Euro (Jan 2001-June 2004) from the European Commission as part of a CARICOM-led project aimed at “strengthening the institutional response to HIV/AIDS in the Caribbean.”

## **STAFF MOVEMENTS**

**Dr Kai Morgan**, Psy.D. (Clinical Psychology) joined the staff as an Assistant Lecturer in Clinical Psychology.

**Mrs Chloe Morris**, M.S.W., M.P.H. was appointed as a Lecturer with special responsibilities in the World Health Organization Collaborating Centre on the Elderly.

**Mrs Dorrett Falloon**, Medical Social Worker in the Hermitage/August Town Health was promoted to the level of Lecturer.

**Mrs C Maxine Ruddock-Small**, B.Sc., M.B.A. joined the staff as Administrative Officer, UWI HARP.

## **PRIZES AND SPECIAL AWARDS**

On the occasion of the 25<sup>th</sup> Anniversary of the Nurse Practitioners Association of Jamaica, **the Department of Community Health & Psychiatry** received a special award in recognition of “practical support given by the department to the training of Nurse Practitioners in Jamaica.”

**Professor Brendan Bain** received a short-term fellowship from the U.S. Educational Commission for Foreign Medical Graduates (ECFMG) to visit Boston University in May-June 2002.

**Dr Winston De La Haye**, Resident in Psychiatry: Awarded National Institute of Drug Abuse Humphrey Drug Abuse Research Fellowship. He will pursue a MPH at The Johns Hopkins University USA, September 2002-August 2003, as a part of this Fellowship.

**Dr Doreth Garvey**, Resident in Psychiatry, received the Dean's Prize and the Faculty of Medicine Prize for the best oral presentation at the Faculty of Medicine Research day Conference.

**Dr Hazel Laws-Gascoigne**, Community Health Practitioner in the Department received a personal award from the Nurse Practitioners Association of Jamaica for faithful, extended service as a teacher in the Nurse Practitioner training programme.

**Dr Gillian Lowe**, Resident in Psychiatry: Awarded a one year Fellowship to Dalhousie University, Halifax, Canada, to study Child Psychiatry.

## **RESEARCH IN PROGRESS**

- Economic contribution of seniors to development. Eldemire-Shearer D, Morris C.
- Age Friendly Primary Health Care Guidelines, World Health Organization, Multi-country Study 2002. Eldemire-Shearer D, Morris C, Gayle P.
- Study of Developing Integrated Response of Health Care Systems to Rapid Population Ageing (INTRA) World Health Organization, Multi-country Study 2002. Eldemire-Shearer D, Morris C, Gayle P.
- Ethnographic Study of Centenarians in Jamaica. Eldemire-Shearer D, Morris C, Gayle P.
- Impact of Cockroach Infestation on the Development and Severity of Asthma in Children. Scarlett H, Pinnock M, Robinson R, Bailey K.
- Rodent Control in Restaurants in New Kingston, Jamaica. Scarlett H.
- Occupational Health in the Caribbean. Scarlett H, Harper M, Campbell N.
- Prostate cancer and dietary intake in Jamaican males. Paul T, Jackson M.
- Health, Development and Behaviour of Jamaica's Adolescents at 15 – 16 years. Jackson M.
- Workplace Violence in the Health Sector. Jackson M.
- Evaluation of the extent of under-registration of deaths in Jamaica: 1996 and 1998. McCaw-Binns A.
- Re-opening the Anthrax Files in Jamaica – Tracking a forgotten disease. Scarlett H, Paul T, Bain B.

- A randomized double blind placebo controlled trial of a combination of Gingko biloba and ginseng (gincosan) in dementia of varying aetiology. Hickling, FW, Ward A, Eldemire-Shearer D. Sponsored by Pharmaton Natural Health Products (Boehringer Ingelheim) Switzerland.
- A ten-year outcome study of first contact schizophrenia in Jamaica. Haynes T, Hickling FW.
- A study of the use of open medical wards versus specialist psychiatric units for treatment of patients with acute psychoses. Hickling FW, Abel W, Garner P. Cochrane Library (Oxford) collaboration.
- Three part study looking at (a) measuring competence of skilled birth attendants; (b) identification of elements in the enabling environment critical to performance; (c) measuring delays in provision of emergency obstetric care within institutions. McCaw-Binns A.
- Care of the High Risk Mother in the South East Region, Jamaica. McCaw-Binns A.
- International Research Partnership for Skilled Attendance for Everyone (SAFE): Strategies to improve proportion of deliveries with skilled attendance in developing countries. McCaw-Binns A.
- Continuing medical education needs analysis for the English-speaking Caribbean. Williams-Green P.
- Impact of the Family Medicine component on third-year students during their Community Health rotation. Williams-Green P.
- A study of the literacy level of the attendees of the Health Centre attached to the Department, their attitude to literacy and the association between literacy level s and health seeking behaviour. Matthews A, Laws-Gascoigne H.
- A descriptive study to look at the role of Community Education in the delivery of Primary Health Care, with a focus on the Community Health Aides. Matthews A.
- A look at the relationship between Age and Co-morbidity in the Primary Health Care Centre attached to the Department. *Matthews A.*
- The Direction and Development of Prehospital Emergency Medical Services in Jamaica. Segree W.
- An assessment of cervical and breast cancer prevention actions among women aged 25-54 years in Western Jamaica. Holder-Nevins D, Campbell-Forrester S.

## **PAPERS PRESENTED**

### **W Abel**

- “Implications of Substance Abuse.” Mona Academic Conference on “Health Issues in the Caribbean.” Kingston, Jamaica. September 1-2, 2001

### **B Bain**

- “HIV/AIDS: stemming the tide after the rude awakening.” Mona Academic Conference on “Health Issues in the Caribbean.” Kingston, Jamaica. August 31– September 2, 2001
- “Anthrax.” Presentation, Board, Faculty of Social Sciences. December 6, 2001 and Board, Faculty of Pure and Applied Sciences. December 13, 2001.
- “A Proposed Caribbean-US Partnership for HIV/AIDS Training.” 29<sup>th</sup> Annual Global Health Council Conference, Washington, D.C., U.S.A. May 29, 2002
- “HIV/AIDS Care in Jamaica: achievements and challenges at the University of the West Indies”, International Public Health Summer Institute, University of Alabama at Birmingham. July 10, 2002.
- “A Syndromic Approach to Treating Patients with HIV Infection and Its Complications.” Continuing Professional Education Seminar for health care professionals. Montego Bay, July 28, 2001; Kingston, July 29, 2001.

### **D Eldemire-Shearer**

- “The Health of the Elderly.” Mona Academic Conference on “Health Issues in the Caribbean.” Kingston, Jamaica. August 31-September2, 2001
- “Developing an Integrated Response of Health Care Systems to Rapid Population Ageing.” WHO Expert Meeting, Geneva, Switzerland. October 1-3, 2001.

### **D Holder-Nevins**

- “Community Participation for Health – an assessment of a community’s response.” (with Ferron-Boothe D, Wilkes S). Faculty of Medical Sciences Research Day, UWI, Mona. November 2001.

- “Driving forces behind oral health education/promotion activities among Jamaican dental auxiliaries.” (with Davis M). Faculty of Medical Sciences Research Day, UWI, Mona. November 2001.
- “Popular Music and Sexual Behaviours among Female Adolescents in Jamaica.” Conference on ‘Health Disparities in AIDS in the Caribbean.’ Condado Plaza Hotel, San Juan, Puerto Rico, May 1-3, 2002.
- “Expression, Storage and Use of Breast-milk- Taboo or Norm among Lactating Mothers in Portland Jamaica.” (with McLeary V). Annual Nursing and Midwifery Conference, Jamaica Conference Centre-May 16, 2002.

#### **FW Hickling**

- “New Paradigms in Mental Health in the Caribbean.” Mona Academic Conference on “Health Issues in the Caribbean.” Kingston, Jamaica. August 31 – September 2, 2001.
- “Mental Health in the Caribbean.” Keynote Address, Trinidad and Tobago Psychiatric Association, San Fernando, Trinidad. August 16, 2001.
- “Community Residential Rehabilitation for patients with severe and enduring mental illness in Jamaica.” Annual Conference of the Caribbean Psychiatric Association, Bridgetown, Barbados. October 5, 2001.
- “The Psychology of Colour.” Intangible Heritage: Culture and Colour. Conference of the Phillip Sherlock Centre for the Creative Arts, UWI Mona. October 20, 2001
- “Mental Health in the Caribbean.” First Pan African Conference on Mental Health, Dakar Senegal, 18-23 March 2002.
- “The Demon in the Neuron: The contributions of Jamaican Psychiatry to the Discourse.” The Pamela Rodgers Johnson Memorial Lecture, 7<sup>th</sup> Conference on Neurodegenerative Disorders: Common Molecular Mechanisms. April 21-27, 2002. Montego Bay, Jamaica.
- “A psychosocial profile of absconders from a psychiatric unit of a general hospital.” Lowe G, (Poster) Faculty of Medical Sciences Research Day, UWI, Mona. November 2001.

- “Attitudes of patients and staff to the implementation of an open door policy in a psychiatric unit of a general hospital.” (with Garvey DM.) Faculty of Medical Sciences Research Day, UWI, Mona. November 2001.
- “Evaluation of the effects of an open-door-policy on the clinical outcome of patients treated in a psychiatric ward of a general hospital.” Lowe G. Annual Scientific Meeting of the Caribbean Health Research Council, Georgetown, Guyana. April 2002.
- “Utilization of liaison psychiatric services in a general hospital in Jamaica.” (with De La Haye WG.) (Poster). Faculty of Medical Sciences Research Day, UWI, Mona. November 2001.
- “Do clinicians in the University Hospital of the West Indies under-refer patients with psychiatric illness?” (with De La Haye WG.) (Poster) Annual Scientific Meeting of the Caribbean Health Research Council, Georgetown, Guyana. April 2002.
- “Social class and pathways to care among psychiatric clinic referrals at the University Hospital of the West Indies.” (with Bernard T.) (Poster) Faculty of Medical Sciences Research Day, UWI, Mona. November 2001 and oral presentation at Annual Scientific Meeting of the Caribbean Health Research Council, Georgetown, Guyana. April 2002.
- “Validation of the Zung Depression Scale in a Jamaican population.” (with Ward A, Matthies B, Wright E, Crossman L.) (Poster) Faculty of Medical Sciences Research Day, UWI, Mona. November 2001.
- “A five year outcome study of first contact schizophrenia in Jamaica.” (with Haynes T.) (Poster) Faculty of Medical Sciences Research Day, UWI, Mona. November 2001 and oral presentation at Annual Scientific Meeting of the Caribbean Health Research Council, Georgetown, Guyana. April 2002.
- “Evaluating a Jamaican model of assertive community treatment in severely mentally ill patients in the UK.” (with Ratnayake T.) Annual Scientific Meeting of the Caribbean Health Research Council, Georgetown, Guyana. April 2002.

#### **M Jackson**

- “Cognition, Educational Attainment and Behaviour in a Cohort of 11-12 year old Jamaican Children.” Samms-Vaughan M, Ashley D.

Mona Academic Conference on “Health Issues in the Caribbean.”  
Kingston, Jamaica. August 31 – September 2, 2001.

- “Assessment of Dietary Exposure to Ackee (*Blighia sapida*) Hypoglycin by Jamaican Consumers.” (with Blake OA, Jackson JC, Gordon CLA.) Annual Meeting of the Institute of Food Technologists (IFT), Anaheim, California. U.S.A. 2002.
- “Self-Concept, School Performance and Behaviour in Jamaican Children.” (withn Samms-Vaughan ME, **Ashley-Jackson M**, Lambert MC, Russ CM, Ashley DC.) Nineteenth Annual Meeting of the Society for Developmental and Behavioural Paediatrics, Chicago, Illinois, U.S.A. 2001.

#### **TJ Paul**

- “A review of deaths in a Jamaican general practice setting.” (with Mitchell A, Nembhard OD.) The First Puerto Rican Conference on Public Health, San Juan, Puerto Rico. April 10-12, 2002.
- “The disabled in our midst- why are the numbers growing?”. Mona Academic Conference 2001 on “Health Issues in the Caribbean”, Kingston, Jamaica. August 31 – Sept 2, 2001.
- “The power of physicians’ recommendation in screening for prostate cancer among Jamaican men.” (with Greenwood RT). UWI Medical Alumni Meeting, St Kitts, November 2001.
- “The Art of Health Promotion – a Caribbean Perspective.” Caribbean College of Family Physicians (Jamaican Chapter) workshop on Health Promotion, Le Meridien Jamaica Pegasus, Kingston. September 16, 2001.
- “Health Promotion initiatives at the University of the West Indies: shifting gears from traditional primary care.” (with Segree W.) International conference on: Challenges of Primary care-oriented health systems: Innovations by educational institutions, health professions and health services, Londrina, Parana, Brazil. October 20-25, 2001.
- “An intergenerational approach to improving the status of Jamaican seniors present and future.” (with Eldemire-Shearer D, Morris C, Gayle P.) Third Annual SALISES Conference, Mona, Kingston, Jamaica. April 4-6, 2002.
- “The EMT: an emerging health care professional in Jamaica.” (with Segree W, Matthews A, Brown D.) International conference on:

Challenges of Primary care-oriented health systems: Innovations by educational institutions, health professions and health services, Londrina, Parana, Brazil. October 20-25, 2001.

- “Response to Injury: Developing a Cohort of Emergency Medical Technicians (EMTs) for Jamaica.” (with Segree W, Ferguson D, Matthews A.) Sixth World Conference on Injury Prevention and Control, Montreal Canada, May 12-15, 2002.
- “Is the digital rectal examination (DRE) the main deterrent to prostate cancer screening among Jamaican Men?” (with Greenwood RT.) (Poster). Annual Scientific Meeting of the Caribbean Health Research Council, Georgetown, Guyana. April 2002.
- “Public-private differentials in source of health care among Jamaicans – identification of ‘zipper effects’.” (with LaGrenade J.) Annual Scientific Meeting of the Caribbean Health Research Council, Georgetown, Guyana. April 2002.
- “Fat intake and prostate cancer in Jamaica - some ecological insights.” (Poster). First Puerto Rican Conference on Public Health. April 10-12, San Juan, Puerto Rico.
- “Doctors in the Jamaican Yellow Pages.” Mitchell A. Faculty of Medical Sciences Research Day, UWI, Mona, Kingston, Jamaica. November 2001.
- “Perception of susceptibility to prostate cancer and screening behaviour – insights from a case-control study.” (with Greenwood RT, Holder-Nevins D.) Faculty of Medical Sciences Research Day, UWI, Mona. November 2001.
- “Hyperlipidaemia screening among patients with both diabetes and hypertension – experience at a public health centre.” (with Sonson R, Eldemire-Shearer D.) Faculty of Medical Sciences Research Day, UWI, Mona, Kingston, Jamaica. November 2001.
- “The prevalence of musculoskeletal disorders, eyestrain and stress-related illnesses among video-display unit workers at the University of the West Indies, Mona Campus.” (with Duncan R.) Faculty of Medical Sciences Research Day, UWI, Mona, Kingston, Jamaica. November 2001.
- “Insights into the social accountability of medical education at the University of the West Indies.” (with Matthews A.) International conference on Challenges of Primary care-oriented health systems:

Innovations by educational institutions, health professions and health services, Londrina, Parana, Brazil. October 20-25, 2001.

- “Healing ministries in Jamaican churches: potential to augment primary health care services.” (with Allen A.) International conference on Challenges of Primary care-oriented health systems: Innovations by educational institutions, health professions and health services, Londrina, Parana, Brazil. October 20-25, 2001.
- “Public Health research of graduate students at the University of the West Indies.” (with La Grenade J, Eldemire-Shearer D.) UWI Medical Alumni Association Sixth International Medical Conference, St Kitts. November 7-11, 2001.
- “Psychological autopsy as a method of investigating suicide in Jamaica.” (with Irons-Morgan M, La Grenade J.) Faculty of Medical Sciences Research Day, UWI, Mona, Kingston, Jamaica. November 2001.

#### **M Pinnock**

- “Education and Training in Environmental Health”. 55<sup>th</sup> Annual Meeting of the Jamaica Association of Public Health Inspectors, Montego Bay, Jamaica. October 3 -4, 2001.

#### **W Segree**

- “Pre Hospital Emergency Medical Service in Jamaica: Standards, How do we measure up?” Jamaica Emergency Medical Association Conference. Kingston, Jamaica. March 24, 2002.
- “Response to Injury: Developing a cohort of Emergency Medical Technicians (EMTS) for Jamaica.” Sixth World Conference on Injury Prevention and Control, Montreal Canada. May 12-15, 2002.

#### **P Williams-Green**

- “Development of Family Medicine by Distance Education at UWI.” (Poster). Annual Scientific Symposium of the American Academy of Family Physicians, Atlanta, Georgia, U.S.A. October 2-6, 2001.

## PUBLICATIONS

### Refereed:

- \* "HIV/AIDS: challenging a monster." **Bain BC.** *Journal of HIV/AIDS Prevention and Education for Adolescents & Children.* (2001) 4 (2/3); 3-22.
- \* "Sexual Risk-Taking Behavior and HIV Knowledge of Kingston's Street Boys." Robinson T, Thompson T, **Bain, B.** *Journal of HIV/AIDS Prevention and Education for Adolescents & Children.* (2001) 4 (2/3):127-148.
- \* "Popular music and associated health responses among female adolescents 15-19 years old in three parishes of Jamaica." **Ne vins D, Bain B.** *Journal of HIV/AIDS Prevention and Education for Adolescents & Children.* (2001) 4 (2/3):149-160.
- \* "A New Challenge to Health Care in the New Millennium." **Eldemire-Shearer, D.** *West Indian Medical Journal.* (2001) 50 (2):95-99.
- \* "Nutritional status of a cohort of 11-12 year old Jamaican children: Co-existence of under-nutrition and over-nutrition in early adolescence." **Jackson M,** Samms-Vaughan M and Ashley (2002). *Public Health Nutr.* 5 (2):281 - 288.
- \* "Reproducibility and Validity of a quantitative food frequency questionnaire among Jamaicans." **Jackson M,** Walker S, Cade J, Forrester T, Cruickshank JK and Wilks R (2001). *Public Health Nutr.* 4 (5): 971 - 980.
- \* "HIV infection seroprevalence and risk factor study among pregnant women attending the antenatal clinic at the University Hospital of the West Indies, Kingston, Jamaica." Perry D, Reid M, Thame M ,Fletcher H, Mullings A, **McCaw-Binns A,** King D, Rattray C. *West Indian Med J* (2002) 51(2): 80-83.
- \* "The development of primary health care in Jamaica." **McCaw-Binns A,** Moody C. *West Indian Med J* (2001); 50 ( Suppl 4): 6-10.

- \* “Access to care and maternal mortality in Jamaican hospitals: 1993-95.” **McCaw-Binns A**, Standard-Goldson A, Ashley D, Walker G, MacGillivray I. *Int J Epidemiol* (2001) 30(4): 796-81.
- \* “Holding up the mirror: changing practice through criterion based audit in developing countries.” Wagaarachchi P, Graham WJ, Penney GC, **McCaw-Binns A**, Yeboah-Antwi K, Hall MH. *Int J Gynaecol Obstet* (2001) 74: 119-130.
- \* “Outcome of First Contact Schizophrenia in Jamaica.” **Hickling FW**, McCallum M, Nooks L, Rodgers-Johnson, P. *West Indian Medical Journal* (2001) 50, No. 3: 194-197
- \* “The Political Misuse of Psychiatry: An African Caribbean Perspective.” **Hickling FW**. *J Am Acad. Psychiatry Law* (2002) 30:112-119.
- \* “Open Medical Wards versus specialist psychiatric units for acute psychoses.” **Hickling FW, Abel W**, Garner P. Cochrane Library (Oxford): January 2002, Issue 1.

**Non-refereed:**

- \* **Eldemire-Shearer D**. Foreword to “*The Jamaican Handbook for the Elderly*.”
- \* **Hickling FW**. Mental Health Perspective of Cannabis use in Jamaica. In “*Marijuana, Cannabis, Ganja: The Jamaican Connection*.” Ed H. Lowe and E. Morrison. Kingston, Pelican Publishers 2001.
- \* “Risk factors for obesity in Caribbean women and children.” **Jackson M** (2002). *Cajanus* 34(2):88 – 97.
- \* “Development of Family Medicine at UWI.” **P Williams-Green, W Segree, A Matthews**. *Proceedings of the Conference of the American Association of Family Practitioners*. Atlanta, Georgia, U.S.A. (October 3-7, 2001).
- \* “The EMT an Emerging Health Care Professional in Jamaica.” **W Segree, TJ Paul, A Matthews**, D Brown. *Abstract Book of the Annual Conference of ‘The Network: Community Partnerships for Health through Innovative Education, Service and Research.’* Londrina, Brazil (October 20-25, 2001).

- \* “Response to Injury: Developing a cohort of Emergency Medical Technicians (EMTs) for Jamaica.” **W Segree, T Paul, A Matthews,** D Ferguson. *Abstract Book of the 6<sup>th</sup> World Conference of ‘Injury Prevention and Control.’* Montreal, Canada. (May 2002).
- \* “Insights into the Social Accountability of Medical Education in the West Indies.” **T J Paul, A Matthews.** *Abstract Book of the Annual Conference of ‘The Network: Community Partnerships for Health through Innovative Education, Service and Research.’* Londrina, Brazil (October 20-25, 2001).

### **Monographs**

- \* **Paul TJ** (2002) *Principles and Practice of Health Promotion* (MD 64B). Course Book for Master of Science Degree Programme in Family Medicine, Faculty of Medical Sciences. The University of the West Indies Distance Education Centre (UWIDEC).
- \* **Williams-Green P** (2001) *Continuing Medical Education* (MD61A). Course Book for Master of Science Degree Programme in Family Medicine, Faculty of Medical Sciences. The University of the West Indies Distance Education Centre (UWIDEC).
- \* **Williams-Green P** (2001) *The Consultation and Communication* (MD62A). Course Book for Master of Science Degree Programme in Family Medicine, Faculty of Medical Sciences. The University of the West Indies Distance Education Centre (UWIDEC).

## **PUBLIC SERVICE AND OUTREACH**

### **Professor Brendan Bain**

- Member, Board of Directors, Family Life Ministries
- Co-host of Radio Programme, Family Time on Radio Jamaica
- Co-opted as a member of a specially-convened Mona Campus Anthrax Response Committee

### **Dr Wendel Abel**

- Chairman, Board of Supervision, Ministry Local Government, Youth and Community Development, Jamaica, 2001
- Chairman Advisory Board on Disability – Ministry of Labour and Social Security, Jamaica

- Board member, Kingston Young Men’s Christian Association
- Board Member, Community Group Homes, Jamaica
- Member, Medical Outreach Services, Food For The Poor
- Consultant psychiatrist to the University Health Services

**Dr Lorraine Barnaby**

- Clinical Representative, Faculty of Medical Sciences, West Indies Group of University Teachers
- Volunteer, working with persons with psychological/psychiatric adjustment problems at the Ozanam Home for the Elderly
- Executive member, Soroptimist Club of Jamaica (Kingston) and club representative at National Association of Soroptimists

**Dr Denise Eldemire-Shearer**

- Chairman, National Council for Senior Citizens, Jamaica
- Deputy Chairman, Golden Age Home, Kingston, Jamaica
- Deputy Chairman, Board of Supervision, Ministry Local Government, Youth and Community Development, Jamaica
- Member, Management Committee, Jamaica Drugs for the Elderly Programme
- Member, Pensions Reform Committee, Jamaica

**Professor Frederick Hickling**

- President, Jamaica Psychiatric Association
- Special Consultation, WHO, Geneva, Switzerland: Evaluation of World Health Organization Mental Health Policy Guidelines

**Dr Kai Morgan**

- Member, Selection Committee, Jamaica Psychological Society
- Clinical Psychologist, Jamaica Netball Association

**Dr Frank Ottey**

- Regional Consultant Psychiatrist in Community Health Services for the Government of Jamaica in the parish of St. Thomas

**Dr Charles Thesiger**

- Chairman, National Council on Drug Abuse, Jamaica
- Chairman, Steering committee for the development of the National Master Plan for Drug Abuse and Control, Jamaica - 2002-2007

- Member, Drug Demand Reduction Expert Group for CARICOM and the OAS/CICAD
- Coordinator, SIDUC project
- Chairman, Board of Directors, Richmond Fellowship Jamaica
- Secretary, Jamaica League against Epilepsy

**Mrs D. Holder-Nevis**

- President, Jamaica Association for Health Education & Promotion (JAHEP)
- Member, Society of Public Health Education (SOPHE) USA
- Member, American Public Health Association
- Communications Director (Librarian Editor) St. Ann Federation of Adventist Youth
- Board Member & Youth Leader, Discovery Bay SDA Church

**Dr J La Grenade**

- Chairman, South East Regional Mental Health Review Board, Jamaican Ministry of Health
- Member, International Advisory Board of the International Journal of Social Psychiatry.

**Dr A Matthews**

- Member, Epidemiology Committee, Kingston & St. Andrew Health Authority
- Volunteer doctor for the Elderly, Christ Church Ministry, Kingston, Jamaica

**Dr A McCaw-Binns**

- Committee Member, Institute of Medicine, National Academy of Sciences of the U.S.A.

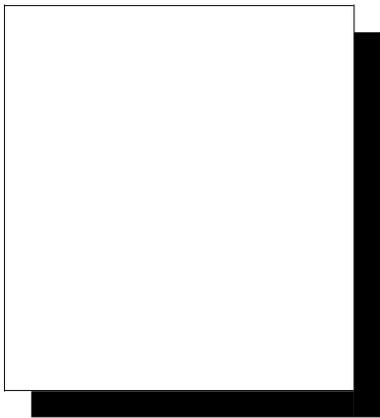
**Dr T Paul**

- Member, National Family Planning Board of Jamaica
- Chairman, Publicity sub-committee, National Family Planning Board of Jamaica
- Member, Board of Directors, Whole Person Resource Centre, Kingston, Jamaica
- Medical advisor, St Michael's Residence, (Home-based care facility for the elderly) Kingston, Jamaica

- Volunteer physician, Hope Gospel Assembly Care Clinic
- Member, PAHO Advisory Group on Building Capacity in Health Promotion in Barbados and the OECS Countries
- Member, Healthy Lifestyle Committee, Ministry of Health, Jamaica

**Mr M Pinnock**

- President, Caribbean Public Health Association
- Member, Technical Advisory Committee of the Caribbean Environmental Health Institute, St. Lucia
- Chairman, Advisory Committee on Health Sciences, University of Technology, Kingston, Jamaica
- Chairman, Beverly Hills Citizens' Association Area I
- Member, Lions Club of Mona
- Member, Jamaica/Western New York Partners
- Member, Commonwealth Human



Ecology Council

**Dr Pauline Williams-Green**

- Volunteer Physician, Independence City Church of Christ Health Clinic, August 2001

**DISTINGUISHED VISITORS**

**Dr Martin Harper**, Occupational Hygienist, University of Alabama at Birmingham, U.S.A.

**Dr Renn Holness**, Professor and Consultant Neurosurgeon, Dalhousie University, Halifax Canada, and Past President of American Neurosurgery Association.

**Dr Anne Hudson**, Senior Lecturer in Multi Cultural Education, Queensland University of Technology, Brisbane, Australia and President of World Association of Multi Cultural Education.

**Professor William Lawson**, Head, Department of Psychiatry, Howard University.

**Dr James W Lea**, Director, Intra School of Medicine, University of North Carolina at Chapel Hill.

**Dr. Pilar Moreno**, Consultant Psychiatrist, PAHO Special Advisor in Mental Health to Panama.

**Professor Steve Nardozi**, Westchester College, SUNY, New York, U.S.A.

**Dr Richard Nisbett**, Professor, Texas Tech University, U.S.A.

**Dr Sten Vermund**, Professor and Director, Sparkman Center for International Public Health Education, University of Alabama at Birmingham, U.S.A.

**Dr. Jacqueline Sharpe**, Consultant Child Psychiatrist Trinidad and Tobago and President of World Family Planning Association.

# DEPARTMENT OF MEDICINE

**Professor Charles E. Denbow, BSc, MB BS (Hons), DM UWI,  
FRCP Lond, FACP, FACC – Head of Department**

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## WORK OF THE DEPARTMENT

**T**he Department of Medicine had a successful year for the period 1<sup>st</sup> August 2001 – 31<sup>st</sup> July 2002.

Research activities continued unabated and the refurbishing of the Departmental Laboratory was completed, thus allowing extended collaboration with some departments with respect to basic modern laboratory investigative techniques. The permanent appointment of a full time research nurse, and the improvement of the information technology capabilities would also enhance future research output.

Undergraduate teaching programmes continued to be satisfactorily administered, and a **95% pass rate** in the final MBBS examinations in Medicine and Therapeutics was obtained in May/June 2002. This was a truly outstanding result and reflected well on the efforts of the undergraduates and the academic staff.

Four postgraduate students successfully completed the DM Part 2 (final examinations) during the year – one in December 2001 and three in June 2002. Five candidates for the DM Part 1 examination were successful during the year.

The service commitments of the Department of Medicine in relation to both inpatients and outpatients continued.

## STAFF

**Dr. Michael Lee** was promoted to the post of Professor effective May 2002.

## RESEARCH IN PROGRESS

### **Professor Charles Denbow**

- Satisfaction among patients attending a specialist Medical clinic

- Fifty years of clinical examinations at the University of the West Indies

**Professor Owen Morgan**

- HTLV-I associated Neurological disease – Clinical and Epidemiological Studies
- Dementia – Gene Frequencies in a Jamaican population
- Autosomal Dominant Hereditary Spastic Paraplegia in Jamaica

**Professor Everard Barton**

- Epidemiology of Chronic Renal Failure in Jamaica
- Acute Renal Failure and Cardiac Surgery
- Vancomycin resistant enterococci in Dialysis Patients
- Prevalence of chronic renal failure in Diabetic patients
- Autosomal Dominant Hereditary Spastic Paraplegia in Jamaica
- HIV Heteroduplex Mobility Analysis Subtyping

**Dr. Rosemarie Wright-Pascoe**

- Lipid Profile in Diabetes Mellitus
- Abdominal Obesity and Diabetes Mellitus
- Genetic Studies of Type 2 Diabetes in the Jamaican Population

**PAPERS PRESENTED**

**Professor Charles Denbow**

- The Modern Management of Hyperlipidaemia. Pfizer Symposium, Kingston, February 2001.
- New insights into the management of Lipid disorders. Pfizer Symposium, Sav-la-mar, September 2001.
- Interventional Cardiology – An overview. 28<sup>th</sup> Ena Thomas Memorial Symposium, November 2001.

**Professor Everard Barton**

- Epidemiology of End Stage Renal Disease in Jamaica, Caribbean Association of Nephrologists and Urologists Scientific meeting, Georgetown, Guyana. April 24, 2002

- Management of Hypertension in patients with End Stage Renal Disease. Medical Association of Jamaica and Bayer Pharmaceuticals Seminar, Kingston, Jamaica, May 5, 2002.
- The Losartan Intervention for Endpoint Reduction in Hypertension study. Medical Association of Jamaica and Merck Sharpe and Dohme Seminar, Mandeville, Jamaica, July 2002.

**Professor Michael Lee**

- Helicobacter pylori infection and peptic ulcer disease. Annual meeting of the Association of Consultant Physicians of Jamaica, Kingston, Jamaica. November 18, 2001.
- Common disorders in General Practice – Peptic ulcer disease. Association of General Practitioners of Jamaica conference on Emerging Trends in Medical Care. Kingston, Jamaica. February 13, 2002.
- H. pylori and peptic ulcer disease. Western Medical Association Symposium, Montego Bay, Jamaica, July 11, 2002.

**Dr. Rosemarie Wright-Pascoe**

- Dyslipidaemia and electrocardiographic abnormalities in type 2 diabetes mellitus in Jamaica. UWI Medical Alumni 6<sup>th</sup> International Medical Conference, St. Kitts. November 7 – 11, 2001.
- Current Trends, Issues and Challenges in the Management of Diabetes Mellitus. Nurse Practitioners 25<sup>th</sup> Anniversary Celebration and 47<sup>th</sup> Bi-annual Seminar, Wyndham Rosehall, Montego Bay, Jamaica, July 24 – 27, 2002.

**Dr. Winston Williams**

- The Diabetic Hypertensive patient – Emerging Concepts beyond the Numbers. Presentation to doctors, Kingston. November 2001.
- A trial on the use of Angiotensin Receptor Blocker Losartan in patients with Diabetes Mellitus and kidney involvement. Presentation to doctors, in Montego Bay, November 2001.

**Dr. Althea East-Innis**

- HTLV-1 dermatological manifestations. HTLV-1 infection mini-symposium – Main Lecture Theatre, UHWI, Mona. September 2001.
- Cutaneous Anthrax. Caribbean Dermatology Association Conference – Wyndham Rosehall, Jamaica. November 2001.
- HTLV-1 – endemic yet forgotten. Caribbean Dermatology Association Conference – Wyndham Rosehall, Jamaica. November 2001.
- The management of Malignant Melanoma. Dermatology Association of Jamaica quarterly meeting – UHWI, Jamaica. December 2001.
- HTLV-1 dermatological manifestations. Dermatology Association of Jamaica mini-symposium – Le Meridien Pegasus, Jamaica. March 2002.
- Challenges in the management of skin diseases. Clinicopathological conference – UHWI, Jamaica. May 2002.

## PUBLICATIONS

### Professor Charles Denbow

- \* P Long-Carr, EMW Duff, EY Bailey and **C Denbow**. Abstract – “Satisfaction among patients attending a specialist Medical Clinic”. *West Ind Med J* 50 (suppl 5): 18 (2001)
- \* S Teelucksingh, Z Ali, HS Fraser, **CE Denbow**, GD Nicholson. “Fifty years of clinical examinations at the University of the West Indies”. *West Ind Med J* 50 (suppl 4): 50 – 52 (2001)

### Professor Everard Barton

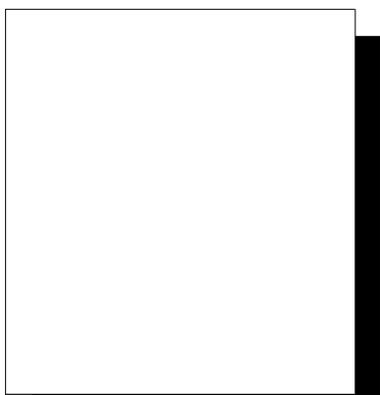
- \* DT Gilbert, O St C Morgan, MF Smikle, D. Simeon, **EN Barton**. HTLV-1 Associated Polymyositis in Jamaica. *Acta Scandinavica* (2001) 104: 101 – 110.
- \* LL Douglas, CAM Cadogan, CA Rattray, **EN Barton**. The mid-forearm Arteriovenous Fistula as Vascular Access for Haemodialysis. *West Indian Medical Journal* (2001) 50: 304 – 308.
- \* MF Smikle, R Wright-Pascoe, **EN Barton**, O St C Morgan, N Christian, G Dowe, K Roye-Green, V Bailey, O James. HLA – DRB<sub>3</sub>

0101 is associated with Graves Disease in Jamaica. *Clinical Endocrinology* (2001) 55: 805 – 808.

- \* MF Smikle, N Christian, K DeCuelaer, **EN Barton**, K Roye-Green, G Dowe, N Anderson, G Nicholson. HLA – DRB and Systemic Lupus Erythematosus. *Southern Medical Journal*. (2002) 95: 717 – 19

#### **Professor Michael Lee**

- \* **MG Lee**, KO Barrow and CN Edwards. Helicobacter pylori infection in the Caribbean: Update in management. *West Indian Medical Journal* 2001; 50:8 – 10.



- \* JF Lindo and **MG Lee**. Strongyloides Stercoralis. *Principles and Practice of Clinical Parasitology*. Editors: S. H. Gillespie and R. D. Pearson. Pages 479 – 500, 2001. John Wiley and Sons Ltd.

#### **Professor Edwin Besterman**

- \* **EMM Besterman**. Some notes on the History of Rheumatic Carditis. *West Indian Medical Journal* 2001; 50, 180 – 183.
- \* **EMM Besterman** and D Evan Bedford. Master Cardiologist and Bibliophile. *Clini Cardiol* 2002; 25, 250 – 251.

#### **Dr. Rosemarie Wright-Pascoe**

- \* MF Smikle, **R Wright-Pascoe**, O Morgan, N Christian, G Dowe, K Roye-Green, V Bailey, O James. HLA-DRB3\*0101 is associated with Graves' Disease in Jamaicans. *Clin Endocrinol (Oxf)* 2001 Dec; 55(6): 805 – 8.
- \* **R Wright-Pascoe**, G Arscott. Visual Vignette “Primary Pachydermoperiostosis”. *Endocrine Practice*. April 2003
- \* A Wilson, EMW Duff, EY Bailey, **R Wright-Pascoe**. Knowledge, beliefs, practices, blood pressure and blood glucose control in women with diabetes mellitus. *WI Med J* 2001; 50 (Supl 5): 36.

**Dr. David Gilbert**

- \* **DT Gilbert**, O St C Morgan, MF Smikle, D Simeon, EN Barton.  
HTLV-1 Associated Polymyositis in Jamaica. *Acta Neurologica Scandinavica* Aug 2001; 104(2): 101-4.
- \* **DT Gilbert**, Editorial – Magnetic Resonance Imaging and Stroke.  
*West Indian Medical Journal* June 2002; 51(2):59.

**PUBLIC SERVICE**

**Professor Everard Barton**

- Resource Personnel, Kidney Foundation of Jamaica
- Founder, Outreach Renal Service for Manchester and St. Elizabeth

**Dr. Winston Williams**

- Member, European Dialysis & Transplant Association (EDTRA)

**Dr. Rosemarie Wright-Pascoe**

- Honorary Secretary, Association of Consultant Physicians of Jamaica
- Chairman, Board of Management of the Mannings Hill All-Age School
- Member, Organising Team: Ena Thomas Memorial Symposium & Lecture, Jamaica Pegasus, November 16 – 18, 2001 and November 15 – 17, 2002
- Member, Planning Committee, Caribbean College of Physicians (Jamaica Chapter) Pan-Caribbean Conference for September 2003

# DEPARTMENT OF MICROBIOLOGY

**Dr Monica Smikle, BSc *UWI*, MSc *Amst*, PhD *UWI*,  
Dip. Clin. Microb. *Lond* – Head of Department**

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## WORK OF THE DEPARTMENT

**T**he implementation of the new MBBS curriculum during academic year 2001/2002 intensified the teaching workload. The increasing trend in the diagnostic services seen over the previous years continued. The laboratories processed a total of 70,738 clinical specimens during 2001/2002 compared to 70,618 in 2000/2001 and 62,969 in 1999/2000. This marks an increase of 12.3% in the number of specimens processed during the past three years.

Dr Geoffrey Lance Saunders joined the staff on November 1, 2001. Mrs Hyacinth Thomas, chief medical technologist, was appointed administrative technologist and Mrs Valrie Levy, senior medical technologist, was promoted to chief medical technologist, April 2002. Mrs Ilene Pearce-Dennis and Mrs Mervin Palmer-Levy were appointed senior medical technologists, April 2002. Mrs Phyllis Morgan-Jackson, Mr George Cowie and Mr Evan Edwards were awarded for having served the University for 30 years, 21 years and 15 years, respectively.

Professor Sheila Dorothy King took up her retirement from the University October 2001.

During April 2002, Dr Patrick Akpaka, medical resident, received training in Hospital Infection Control at the National Public Health

Laboratories, London, United Kingdom. In February 2002, a short course in medical mycology was conducted in the department by Dr Errol Reiss, a visiting lecturer from the Centres for Disease Control and Prevention (CDC), USA. The graduate students in medical microbiology and the medical technologists participated in this course. As part of the hospital infection project, Dr Clive Brown, a medical epidemiologist at the CDC visited the department to train the staff members involved in the project. During July 2002 Dr G Dowe participated in the tenth annual course on Principles of STD and HIV Research held at the Center for AIDS and STD, University of Washington, Seattle, Washington.

The Department gratefully received eight computers provided to members of the academic staff by the University. In addition, members of the academic staff participated in information technology and curriculum related workshops.

The occurrence of cases of anthrax in the United States and alleged threats of bio-terrorism prompted the Department to acquire equipment at the biosafety level required for high risk clinical specimens.

The physical structure of the Department deteriorated. The much anticipated refurbishment did not materialize. The washroom area remained in a particularly deplorable and hazardous state. During the several periods of heavy rainfall, the Department experienced widespread flooding and substantive damage to ceiling and contents.

## **RESEARCH IN PROGRESS**

### **Dr G Saunders**

- An in vitro model of *Staphylococcus aureus* and Enterobacter co-infection
- Analysis of extended spectrum betalactamase -producing *E. coli*

### **Mr O Heslop**

- Antimicrobial susceptibility patterns of selected bacteria including Enterobacteriaceae,
- *Streptococcus pneumoniae* and *Salmonella typhi*.
- Epidemiological studies of the human immunodeficiency virus type 1 in Jamaica.

### **Dr A Nicholson**

- Pilot investigation of the epidemiology of extended spectrum betalactamase producing organisms at the University Hospital of the West Indies.

- Laboratory evaluation of leukocyte esterase and nitrite test for the detection of bacteriuria at the University Hospital of the West Indies.
- Epidemiology of nosocomial fungemia at the University Hospital of the West Indies.

**Dr G Dowe**

- *Helicobacter pylori* infection and associated diseases in Jamaica. Diagnostic, therapeutic and epidemiological aspects.
- *Chlamydia trachomatis* induced reactive arthritis in Jamaica

**Dr M F Smikle**

- Studies on enterococci
- A study of hospital acquired infections at the University Hospital of the West Indies .
- The genes of the major histocompatibility complex and selected diseases in Jamaicans.
- Molecular epidemiological studies on the human immunodeficiency virus
- Autoimmune liver disease
- The role of autoantibodies in recurrent pregnancy loss

**Dr S Jackson**

- Viral central nervous system infections
- Mycotic vulvovaginitis

**Dr J Lindo**

- Epidemiology of *Angiostrongylus cantonensis* infection in Jamaica
- Emerging opportunistic infections in patients with HIV/AIDS
- Molecular epidemiology for *Strongyloides stercoralis* infection

**PAPERS PRESENTED**

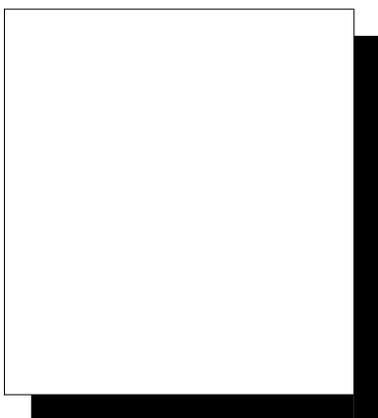
- “Lessons from the past: Discipline in the OT” **G Saunders**. 30<sup>th</sup> Annual Conference of the Jamaica Operating Theatre Nurses League, June 2002.
- “Cervical dysplasia in Jamaican women: the role of lifestyle and sexual practices.” P Bazuaye, H Fletcher, **MF Smikle**, M Jackson, N

- McFarlane-Anderson. Caribbean Health Research Council 47<sup>th</sup> Annual Council and Scientific Meetings, April 2002.
- “Hepatic abscesses at the University Hospital of the West Indies, Kingston, Jamaica: a 24-year autopsy review.” DA Gaskin, **NC Bодonaik**, NP Williams. Caribbean Health Research Council 47<sup>th</sup> Annual Council and Scientific Meetings, April 2002.
  - “A case of fatal autochthonous acquired *Angiostrongylus cantonensis* infection in Jamaica.” G Codrington, **JF Lindo**, C Escoffery, C Cunningham-Myrie, D Ashley, ML Eberhard. International Conference on Emerging Infectious Diseases 2002, March 24-27, 2002.
  - “The effectiveness of the gram stain of high vaginal swabs in the diagnosis of bacterial vaginosis at the U.H.W.I.” **A Nicholson, A Jones**, A Mullings, **S Jackson, G Dowe, MF Smikle, C Matadeen**. Faculty of Medical Sciences 10<sup>th</sup> Annual Research Conference, November 2001.
  - “Lifestyle factors and cervical dysplasia in Jamaica”. P Bazuaye, H Fletcher, C Rattray, S Mitchell, **M Smikle**, N McFarlane-Anderson. Faculty of Medical Sciences 10<sup>th</sup> Annual Research Conference, November 2001.
  - “Detection of red blood cell antibodies using bacterial anti-globulins: a new assay”. A Justiz-Vaillant, N McFarlane-Anderson, **M Smikle**. Faculty of Medical Sciences 10<sup>th</sup> Annual Research Conference, November 2001.
  - “Clinical profile of patients newly diagnosed with the human immunodeficiency virus at a Jamaican clinic for sexually transmitted diseases. **IE Vickers** and H Alvaranga. Faculty of Medical Sciences 10<sup>th</sup> Annual Research Conference, November 2001.
  - “Evaluation of augmentin and cotrimoxazole against 276 pathogens in community acquired urinary tract infections” **R Sue-Ho** and **NC Bодonaik**. Faculty of Medical Sciences 10<sup>th</sup> Annual Research Conference, November 2001.
  - “*Angiostrongylus cantonensis* in snails and rats from Jamaica and Barbados”. **J Lindo**, CA Waugh, KA Douglas, JJ Hall, C Cunningham-Myrie, D Ashley, JJ Sullivan, HS Bishop, T Holtz, DG Robinson, ML Eberhard, PN Levett and RD Robinson. American Society of Tropical Medicine and Hygiene 50<sup>th</sup> Annual Meeting, Atlanta, Georgia, November 2001.

## PUBLICATIONS

### Refereed:

\* “HLA-DRB alleles and systemic lupus erythematosus in Jamaicans.”  
**MF Smikle**, N Christian, K DeCeulaer, E Barton, **K Roye-Green**, **G Dowe**, N Anderson, G Nicholson. *Southern Medical Journal* (2002): 95, 7 717-719.



\* “HLA-DRB3 \*0101 is associated with Graves’ disease in Jamaicans.” **MF Smikle**, R Wright-Pascoe, E Barton, O St C Morgan, N Christian, **G Dowe**, **K Roye-Green**, V Bailey, O James. *Clinical Endocrinology* (2001): 55, 805-808.

\* “*Fenzootic Angiostrongylus cantonensis* in rats and snails after an outbreak of human eosinophilic meningitis, Jamaica”. **JF Lindo**, C Waugh, J Hall, et al. *Emerging Infectious Diseases Journal* (2002)

8 324-6.

\* “Intestinal parasites among young children in the interior of Guyana”  
**JF Lindo**, AL Ager, L Validum, et al. *West Indian Medical Journal* (2002):51;25-27.

\* “HTLV-1 associated polymyositis in Jamaica.” DT Gilbert, O St C Morgan, **MF Smikle**, D Simeon, EN Barton. *Acta Neurologica Scandinavia* 104 (2001):101-104.

\* “STDs and risk behaviours in adolescents in Jamaica” **MF Smikle**, **G Dowe**, T Hylton-Kong, EM Williams. *Journal of STD AIDS* (2001): 12 760-761.

\* “Anticardiolipin antibodies and risk of thromboembolic disease in young Jamaican women.” EK Kahwa, LA Sargeant, N McFarlane-Anderson, **MF Smikle**, T Forrester, RJ Wilks. *Journal of Cardiovascular Risk* (2001):8;849-854.

- \* “HIV/AIDS in women, infants, children and adolescents in Jamaica. A further call for action” C Christie, B Bain, R Pierre, **MF Smikle**, T Evans-Gilbert, J Frederick, A Mullings, A Pottinger, P Figueroa. *West Indian Medical Journal (2001)*: 50 258-262.
- \* “Hypoglycaemia - was it all in the head?” MS Boyne, **M Smikle**, W De La Haye. *West Indian Medical Journal (2002)*: 51, 2124-127.

## CATEGORIES OF STUDENTS

### Undergraduate

A total of 209 students in the first and second clinical years participated in the Microbiology/Pathology MBBS programme. An overall 89% (77/86) of the candidates were successful in the MBBS Stage II Part I Pathology/Microbiology examinations held in April/May 2002. The Louis Grant Prize in Microbiology was awarded to Celeste Chambers.

### Postgraduate

Six (6) candidates are registered in graduate programmes in medical microbiology. These include the DM Medical Microbiology (3 candidates); Ph.D. Medical Microbiology (2 candidates); M.Phil Medical Microbiology (1 candidate). The three candidates in the DM Medical Microbiology Part I examinations held in April/May 2002 were successful.

## OBITUARIES

Mr Lloyd Robinson, Laboratory Attendant (retired 1997) passed on, May 2002.

Dr Edward A Belle, (former UWI Senior Lecturer/Consultant Parasitologist), Honorary Consultant Microbiologist, passed on September 23, 2001.

## DISTINGUISHED VISITORS

**Dr Errol Reiss**, Mycotic Diseases Branch, Centers for Disease Control and Prevention, Atlanta, Georgia, USA.

**Professor Andrew Simor**, Department of Microbiology, Sunnybrook and Women’s College Health Sciences and Department of Laboratory Medicine and Pathobiology, University of Toronto, Canada

**Professor Stephen Gillespie**, Department of Medical Microbiology,  
Royal Free Campus, Royal Free and University College Medical  
School, London, U.K.

**Dr Clive Brown**, Infectious Diseases Branch, Centers for Disease  
Control and Prevention, Atlanta, Georgia, USA.

**Dr Marcus Steiner**, Family Health International, North Carolina,  
U.S.A.

**Dr Freida Behets**, University of North Carolina, Department of  
Medicine, Division of Infectious Diseases, North Carolina, U.S.A.

**Dr Robert E Akridge**, Fred Hutchinson Cancer Research Center,  
Seattle, Washington, U.S.A.

## **DEPARTMENT OF OBSTETRICS, GYNAECOLOGY AND CHILD HEALTH**

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

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**T**he Department of Obstetrics, Gynaecology and Child Health continues to strive to find the balance between our teaching obligations and the relevant research to improve the quality of the lives of the people in the region. The high service load, the limitation of resources and the demands of the rapidly changing world around us will always pose an uphill challenge to our progress. Despite these impediments the academic staff has embraced a culture change where research has realised the desired priority which will no doubt help us take advantage of the changing technology and gain recognition internationally. This year saw the advances of the Feto-maternal unit which can be seen as the finest example of the benefits of the merger since 1996.

## **WORK OF THE DEPARTMENT**

### **Newborn Special Care Unit**

The **Newborn Special Care Unit** of the University Hospital was refurbished and officially opened on June 18, 2002. The new facility has a 4 bed Neonatal Intensive Care Unit and a 30 bed Special Care Unit. While improving care for newborn babies at the University Hospital, this facility will also improve teaching and research capacity for the Department in the areas of Perinatal and Neonatal Medicine.

### **Perinatology**

A symposium to review the annual perinatal morbidity and mortality data was organized by the Feto-Maternal team on 16<sup>th</sup> February, 2002. This team was comprised of Drs. Lennox Matadial, Santosh Kulkarni, Anthony Mullings, Helen Trotman, Mathias Antoine and Maureen Samms-Vaughan. Analysts were invited from other centres to evaluate the data presented and to make recommendations where necessary.

The re-introduction of a partogram on the Labour Ward of the University Hospital of the West Indies was implemented by the Perinatal Unit in June 2002. At about the same time, there was the planned initiation of a Perinatal Information System for statistical reporting. This system is based on the model developed for the Latin American and Caribbean areas by the Pan American Health Organization (PAHO). The system is now undergoing a three-month trial period prior to full introduction in January, 2003.

### **Endoscopy Workshop**

A workshop in endoscopy co-sponsored by Storz International was held in the Fertility Unit of the department of Obstetrics and Gynaecology. Dr Van Harrendael, visiting professor and the team from the Sterility and Fertility Firm conducted that workshop. Participants included doctors from several Caribbean countries, the postgraduate students and Gynaecologists from Jamaica. Participants were exposed to didactic teaching sessions as well as hands on training with live animals in advanced operative endoscopic techniques. Special mention must be made of Drs Shaun Wynter, Dr Raymond Mansoor, Andrew Perkins, Vernon Dacosta, Mr. Americon Kushan and the members of the IT team for their tireless efforts in ensuring the success of the workshop.

### **Ultrasonography**

The development of imaging as a major non invasive tool took centre stage in June through a workshop organized by the department in

conjunction with the Grabham Society of Obstetricians and Gynaecologists of Jamaica. Professor Ray Bahado-Singh a visiting professor and head of the department of Obstetrics and Gynaecology in Cincinnati and Miss Maria Small, fellow in perinatology at Yale University conducted the workshop. A 3D/4D ultrasound machine was made available by Mr. Stewart, CEO, AREL which provided participants with hands on training in the latest state of the art technology. This has set the stage for plans to develop a new state of the art ultrasound unit in the department this year and taking imaging to a new level in the department. Special mention must go to Drs. Horace Fletcher, Milton Hardie, Dwight Walcott and Joseph Frederick for the success of such an important event.

### **Section of Child Health Retreat**

The Section of Child Health held its second annual retreat in June 2002, under the chairmanship of Dr. Maureen Samms-Vaughan and Dr. Joseph Frederick. This retreat brought together for the first time paediatricians from all UWI campuses: Cave Hill, St. Augustine, Bahamas and Mona. Plans were made for unified programmes for undergraduate and postgraduate teaching in paediatrics. As a result of the retreat's success it was recommended that a cross-campus Child Health retreat be held every two years.

### **Research and Policy Development**

Dr. Maureen Samms-Vaughan's research findings on the impact of television on Jamaican children published in the book entitled "Cognition, Educational Attainment and Behaviour in a Cohort of Jamaican Children" was used by the Broadcasting Commission of Jamaica to formulate the Children's Programming Code, requiring electronic media houses to rate programmes for violence, language and sexual content.

### **Minority International Research Training Programme, National Institutes of Health**

Three students from Michigan State University visited the Section of Child Health under the Minority International Research Training (MIRT) Programme, funded by the National Institutes of Health (NIH). The students conducted research on Autism in Jamaica, under the supervision of the MIRT appointed mentor, Dr. Maureen Samms-Vaughan.

## STAFF

### Academic Achievements

**Drs. Maureen Samms-Vaughan** and **Carole Rattray** were promoted to Senior Lecturers in the department. **Dr Russell Pierre** was awarded a Commonwealth Scholarship to the University of Bristol where he completed a one year fellowship in Paediatric Critical Care. **Dr. Russell Pierre** received an award from the Office of the Principal on Research Day for the best publication and Outstanding research for his paper on 'Kawasaki Disease in children'. **Dr Horace Fletcher** was elevated to the Fellow of the Royal College of Obstetricians and Gynaecologists. **Dr Maureen Samms-Vaughan** was the keynote speaker at the fourth Caribbean Early Childhood Development Conference, held in Georgetown Guyana, July, 2002.

**Professor Celia Christie** received a number of academic awards :

- “Advisory Committee Service Award - United States Food and Drugs Administration”, in recognition of distinguished service, Anti-Infective Drugs Advisory Committee, Center for Drug Evaluation and Research, Dec 1997 to Nov, 2001.
- Inaugural “Excellence in Science – 2002 Stephen Preblud Award” from the National Immunization Program of the United States’ Centers for Disease Control and Prevention, in recognition of outstanding scientific achievement in the publication of “Molecular Epidemiology of *Bordetella pertussis* by DNA pulsed-field gel electrophoresis profile: Cincinnati, 1989-1996”. *Journal of Infectious Diseases* 2001; 183 (9):1360-7.
- “International Leadership Award”, Elizabeth Glaser Pediatric AIDS Foundation of \$450,000 USD, one of three women to receive this award among 70 worldwide applicants.

## RESEARCH IN PROGRESS

### Dr. Michelle Barton

- Hypernatremic Dehydration in Jamaican Breast-fed Neonates: a ten-year review in a baby-friendly hospital, Trotman H, Barton M, Antoine M.
- Pneumococcal Pneumonia in Jamaican Children. Barton M, McGregor D, Thomas S.

**Prof. Celia D.C. Christie**

- “Mega-trial of Safety and Efficacy of Pentavalent (G1, G2, G3, G4, and P1) Human Reassortant Rotavirus Vaccine in Healthy Infants”.
- “Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica”.

**Dr. Vernon Dacosta**

- No-scalpel Vasectomy in male sterilization in Jamaica. A prospective cohort study.
- Attitudes of Jamaica Women to in vitro fertilization programme at the Fertility Management Unit.

**Dr. Joseph Frederick,**

- The use of Interceed as an adhesive barrier to reduce tubulo-ovarian adhesions and to increase pregnancy rates post myomectomy. A randomised prospective trial.
- Use of oral contraceptive vs. metformin to improve outcome of treatment in patients undergoing in vitro Fertilization and embryo transfer.
- Factors affecting male fertility in the Jamaican population.
- Motility vs. Morphology as an indicator of male fertility in Jamaica.
- Auto-antibodies in Jamaican women with recurrent abortions. (Dr’s M Smikle & Roye-Green). Completed.
- Preventative measures to reduce the incidence of ovarian hyperstimulation syndrome during controlled ovarian hyperstimulation. Controlled prospective cohort study.
- Pregnancy outcome in patients undergoing in vitro fertilization with previous primary vs. secondary myomectomy.

**Dr. Santosh Kulkarni**

- Evaluation of risk factors in renal diseases in pregnancy
- Comparison of Glucose, Lucozade™ and Choice™ in diabetic screening in pregnancy
- Uptake of “Triple screen” for Down’s syndrome by O/G practitioners in Kingston and St. Andrew

**Dr. Lennox Matadial**

- Research on the Jamaican plant, Bromelia pinguin, (Dr. Roy Porter) Prof. Manley West and Maxine Gossell-Williams.

**Dr. Maolynne Miller**

- Documentation of new cases of children 18 years of age with HTLV-1 infection and renal disease (Professor E. Barton)
- Prospective case study with Professor Hanchard and the NIH to evaluate the prevalence of renal disease in children with HTLV-1 associated infective dermatitis.

**Dr. Anthony Mullings**

- Continued work on Vulvovaginal mycoses

**Dr. Russell Pierre**

- Evaluation of the Objective Structured Clinical Examination (OSCE) in the Senior Pediatric Clerkship.

**Dr. Audrey Pottinger**

- Effects of loss on children in the inner city communities of Jamaica.
- Exposure to violence and its effects on children.
- Psycho-social factors affecting post-operative pain management at University Hospital.

**Dr. Maureen Samms-Vaughan**

- The health, development and behaviour of Jamaica's adolescents at 15-16 years old.
- Autism in Jamaica
- Mental development and HTLV-1 Disease.

**Dr. Helen Trotman-Edwards**

- Hypernatremic dehydration in Jamaican Breastfed Neonates: a ten-year review in a baby friendly hospital. (Barton M, Antoine M.)
- Severe hypernatremic dehydration in Jamaican Breastfed Neonates: case series. (Barton M, Antoine M.)
- Outcome of Neonates admitted to the Intensive Care Unit at the University Hospital of the West Indies.
- Mortality in Very Low Birth Weight Infants at the University Hospital of the West Indies: a ten year review,( Olugbuyi AO, Samms-Vaughan M.)
- Neonatal Pnuemococcal Disease: the Jamaican experience. (McGregor D, Barton M, Thomas S.)

**Dr. Shaun Wynter**

- Laparoscopic Surgical Treatment of Tubal Ectopic Pregnancy at University Hospital, Jamaica. (V. DaCosta, J. Frederick.)
- A Prospective Randomised Trial of Once Daily Misoprostol vs. Dinoprostone for Induction of Labour and its Effect on Intrapartum Fetal Wellbeing. (H.M. Fletcher )
- Local Anaesthesia for Outpatient Laparoscopic Sterilisation: using a Paracervical Block. (H.H. Wynter ,V Dacosta )
- A 15 Year Review of Laparoscopic Female Sterilisation at the University of the West Indies. (H.H. Wynter, V Dacosta et al.)

**PAPERS PRESENTED**

**Dr. M. Barton**

- “Seroprevalence of Hepatitis B in Jamaican preschool children” – **Barton M, Samms-Vaughan M, King D, Trotman H.** UWI Medical Alumni Sixth International Medical Conference, St. Kitts, November 2001.
- “Hepatitis B Carrier State Young Jamaican Children”, **Barton M, Samms-Vaughan M, King S, Trotman H.** Faculty of Medicine Tenth Annual Research Conference, UWI, November 2001.
- “Invasive Pnuemococcal Disease in Young Jamaican Children”, McGregor D, **Barton M, Thomas S.** Poster presentation at Faculty of Medicine Tenth Annual Research Conference, UWI, November 2001.
- Immunization Update – the Caribbean Experience, Medical Association of Bahamas Annual Conference. Nassau, Bahamas, March 8, 2002
- “Neonatal Resuscitation”. American College of Obstetricians and Gynaecology Annual Conference, Terra Nova, Kingston. April 13, 2002
- “Factors associated with poor outcome in Jamaican Children with Pneumococcal Meningitis, **Barton M, McGregor D, Trotman H,**

**Thomas S.** Caribbean Health Research Conference, Georgetown, Guyana, April 2002.

**Professor Celia Christie.**

- “Bioterrorism Preparedness: Confronting Germ-Warfare”. Ena Thomas Memorial Symposium, Le Meridien Jamaica Pegasus Hotel, Kingston, Nov, 2001.
- “Preventing Mother-To-Child-Transmission of Pediatric HIV/AIDS”. *Rapporteur*, Caribbean Collaborative Research Workshop on HIV/AIDS, sponsored by the National Institutes of Health, Puerto Rico, Apr 2002.
- “Pediatric AIDS in Jamaica”. Presented to the Caribbean Workshop on Health Disparities in AIDS, MTCT work group, Funded by the Office of AIDS Research, National Institutes of Health, Puerto Rico, May 2002.
- “Research Capacity: Training, Clinical and Laboratory Needs in the Caribbean”. Presented to the National Institutes of Health (NIH), Office of AIDS Research Advisory Council, Conference on “HIV/AIDS Research Needs in the Caribbean Basin”, at the NIH, Bethesda, Maryland, Oct. 2002.
- “Immunization update”, Caribbean Association of Family Practitioners.

**Dr. H. Fletcher**

- “Antepartum Haemorrhage”, American College of Obstetricians & Gynaecologists Conference, April 2002

**Dr. J. Frederick**

- “Male infertility and Intracytoplasmic Sperm Injection, The Jamaican Experience”, Urological Society of Jamaica, Annual Conference, Le Meridian, Hotel, Kingston, Jamaica, February 16, 2002.
- “Reproductive Health Issues Affecting the Caribbean”, Regional Medical Conference, University of the West Indies. Mona, Kingston, Jamaica, September 1, 2001.
- “The Place of Endoscopy in Assisted Reproduction”, Endoscopy Conference, Department of Obstetrics and Gynaecology and Child Health., University of the West Indies. Annual Meeting of the

Grabham Society of Obstetrician and Gynaecologists, Jamaica, July 13, 2002.

**Dr. L. Gabay**

- “A case of coma with hyperammonaemia (Urea cycle defects)” Clinicopathological Conference (CPC), November 2001
- “Diabetes in children”, The Lions Club of New Kingston: November 2001
- “Obesity in Children”, School Nurses Interest Group (SNIG) Conference Runaway Bay, Jamaica, May 2002

**Dr. S. Kulkarni**

- Perinatal Audit for 2001, UWI, Mona, February 15, 2002
- Ultrasound Course jointly with Grabham Society, UWI, July 10-11, 2002.

**Dr. R. Melbourne Chambers**

- “Positioning in Childhood.” Paediatric Advanced Life Support Course, Ministry of Health/Heart Foundation of Jamaica, September 2001.

**Dr. S. Mitchell**

- “Physician Survey of the use of misoprostol in Obstetrics in Jamaica”, Grabham Society of Obstetricians & Gynaecologists, July 15, 2001
- “Perioperative and Intraoperative patient care in Endoscopy”, Gynaecological Endoscopy Course, UHWI, December 2001
- “A systematic approach to the assessment and management of the injured pregnant patient”, Caribbean College of Family Physicians, January 2002
- “Trauma in Pregnancy”, American College of Obstetrics and Gynecology Symposium, Kingston, Jamaica, April 2002

**Dr. A. Mullings**

- “Truth Telling About Diagnosis and Prognosis”, Faculty Research Conference, October 31 – November 2, 2001.
- “Congenital Malformations” at Review of Perinatal Mortality, UHWI, February 2001

**Dr. Audrey Pottinger**

- “Suicide in children and adolescents in Jamaica: current issues and trends”. 45<sup>th</sup> Biannual Seminar, Nurse Practitioner Programme, Ministry of Health, Wyndham Rose Hall Resort and Country Club, Montego Bay, July 24-27, 2002.
- “Parenting in the 21<sup>st</sup> Century”. National Council on Education, Ministry of Education, Youth and Culture, Caenwood Auditorium, November 15, 2001.

**Dr. R. Pierre**

- “Management of acute otitis media in children by primary care physicians in Kingston”, Jamaica, Grant C, **Pierre R**, Hambleton I. 6<sup>th</sup> International Medical Conference of the UWI Medical Alumni, November 7-11, 2001.

**Dr. C. Rattray**

- “Post Reproductive Health Issues” Wyeth Ayerst Clinical Meeting for General Practitioners, July 5, 2001
- “Navigating the Menopause” Jamaica Menopause Society, October 27, 2001
- “Bleeding before 20 weeks”, General Practitioners Conference, January 27, 2002
- “Gynaecological Surgery”, Operating Theatre Course, April 2002

**Dr. M. Samms-Vaughan**

- “Factors associated with violence in children.” Technical working group on violence prevention Conference. November 2001.
- “Obesity and behaviour in young Jamaican adolescents.” Conference on food choice and eating behaviour: Relationship to the development of obesity. Courtleigh Hotel, November 2001.

**Dr. H. Trotman-Edwards**

- “Seroprevalence of Hepatitis B in Jamaican preschool children.” Barton M, Samms-Vaughan M, King D, **Trotman H**. UWI Medical Alumni Sixth International Medical Conference, St. Kitts, November 2001

- “Hepatitis B Carrier State Young Jamaican Children” **Barton M, Samms-Vaughan M, King S, Trotman H.** Tenth Annual Research Conference, UWI, November 2001.
- “Ventilatory Support of Neonates at the University Hospital of the West Indies: a six year review.” Department of Obstetrics, Gynaecology & Child Health Perinatal Conference, February 2002.
- “Factors associated with poor outcome in Jamaican Children with Pneumococcal Meningitis” **Barton M, McGregor D, Trotman H, Thomas S.** Caribbean Health Research Conference, Georgetown Guyana, April 2002.

#### **Dr. S. Wynter**

- “Hypertension in Pregnancy,” Caribbean College of Family Physicians, Terra Nova Hotel, Kingston. January 27, 2002.
- “Pre-eclampsia/Eclampsia,” Annual ACOG West Indies Section, District IV. April 13, 2002.
- “Ultrasound in IVF,” Ultrasound Course UWI/Grabham Society 2002. July 12, 2002.

## **PUBLICATIONS**

### **Refereed**

- \* Cardiac rhabdomyoma in infancy: A case report. Coard K, Williams M, Dorah N and Antoine M. *West Indian Medical Journal* 2001;50(4):333.
- \* The facts behind the Measles-Mumps-Rubella Vaccination-Autism debate, **Christie CD** *West Indian Med Jour*, 2001(Sept);50(3);251-253.
- \* HIV/AIDS in women, infants, children and adolescents in Jamaica: a further call to action. **Christie CD, Bain B, Pierre R, Smikle M, Evans-Gilbert T, Fredericks J, Mullings A, Rattray C, Pottinger A, Figueroa P.** *West Ind Med Jour*, 2001;50(4);258-262.
- \* Mid-Forearm Arterio-venous Fistula as vascular access for Hemodialysis. *West Indian Medical Journal* (2001) 50, No.4, 303-308. L.L. Douglas, M. Cadogan, **Rattray C**, E. Barton.

- \* “Chronic renal failure in Jamaican Children 1985-2000”. **M. Miller**, J. Williams. *Pediatric Nephrology* 16, 8(2001) C157
- \* Ovarian Hyperstimulation Syndrome associated with clomiphene citrate – **Mitchell S, Fletcher H**, Williams N. *West Indian Medical Journal* 2001 50:227
- \* A retrospective look at misoprostol induction on Antenatal outcome, University of the West Indies Jamaica. **Fletcher H**, Hutchinson S. *West Indian Med J* 2001 50:47-9
- \* The use of misoprostol to improve gynecological and obstetric health in Brazil, Jamaica and the United States. Clark S, Blum J, Blanchard K, Galvao L, **Fletcher H**, Winikoff B. *Int Journ Obstet Gynecol* 2002 76:65-74
- \* Leiomyosarcoma of the uterus with florid intravascular component (“Intravenous leiomyosarcomatosis”) Coard K, **Fletcher H**. *Int Jour Gyne Path* 2002, 21:182-185
- \* Treatment of intractable bleeding with formaldehyde soaked packs. **Fletcher H**, Wharfe G, **Mitchell S**, Simon T. *J Obstet Gynecol* 2002, vol 22: 570-571.
- \* HIV Infection seroprevalence and risk factor study among pregnant women attending the antenatal clinic at the University Hospital of the West Indies: Kingston Jamaica D Perry, M Reid , M Thame **H Fletcher** , **A Mullings**, A McCaw-Binns D King, **C Rattray** ,2002. *West Ind Med Jour* 51: 80-83
- \* A randomized control trial of outpatient versus inpatient cervical cerclage, O Blair, **H Fletcher** and **S Kulkarni**, 2002, 22: 493-497.
- \* Genetic Research in Third World (Developing) countries – Science or Exploitation? *St. Thomas Law Review*, 13, No 4, Summer 2001 **Dr. A. Mullings**
- \* Operative Morbidity and Reproductive Outcome in Secondary Myomectomy. A Prospective Cohort Study. *Human Reproduction* 2002 11: 101-105. **J. Frederick**, M .Hardie, M. Reid, **H. Fletcher**, **S. Wynter** and **C. Frederick**.

- \* In Vitro Fertilisation: The Jamaican Experience, *West Indian Medical Journal*, .50 4: 278-281, December 2001. **J. Frederick, S. Wynter, V. DaCosta, C. Frederick**, G. Aldis, H. Birch, **H.H. Wynter**, R. Williams, C. McKenzie and Y. MacLeod.
- \* Laparoscopic Retrieval of Perforated Intrauterine Devices at University Hospital, Jamaica. *Journal of the American Association of Gynaecologic Laparoscopists*, 9: 3, 380-383, August 2002. **S. Wynter, V. DaCosta, J. Frederick, H. Wynter**.
- \* Kawasaki Syndrome associated with Group A Streptococcal and EBV Co-infections – **Barton M, Melbourne R, Morais P, Christie C**. *Annals of Tropical Paediatrics* 2002; 22:257-60.
- \* Failure of bromocriptine therapy to control juvenile mammary hypertrophy, G.D.L. Arscott, H.R. Craig, **L. Gabay**. *British Journal of Plastic Surgery*, December 2001 pp. 720-723 (doi:10.1054/bjps.2001.3
- \* Paediatric HIV/AIDS in Jamaica: a hospital based description – Evans-Gilbert T, Hambleton I, McKenzie CA, **Samms-Vaughan ME**. *West Indian Medical Journal* 2002; 51 (2):74-79.
- \* Nutritional status of 11-12 year old Jamaican children: coexistence of under-and over nutrition, Jackson M, **Samms-Vaughan ME**, Ashley D. *Public Health Nutrition* 2002; 5(2):281-288.
- \* Eating disorders: what's new? **Samms- Vaughan. ME**. *West Indian Medical Journal* 2002; 51(1):1-3.

#### **Non-refereed**

##### **Dr. S. Kulkarni**

- \* “Perinatal Audit 2001, UHWI”, CD-ROM accepted by PAHO for database

##### **Dr. Maolynne Miller**

- \* *Manual of Paediatric Nephrology*. 2<sup>nd</sup> Edition 2002. Pages 1-114
- \* Vaginitis – *Health, Home and Garden Magazine* **Mitchell S**. Volume 1 Issue 1 pages 23&54. October 2001

**Dr. Russell Pierre**

- \* Module Unit 5.3 on Immunization Principles and Practice for the Family Medicine Practitioner for the course: MD 65B *Child and Adolescent Health. Monograph for the Masters in Family Medicine*, edited by Charmaine McKenzie, pp 29-54; UWIDEC, The University of the West Indies, 2002.

**Dr. M. Samms-Vaughan**

- \* **Samms-Vaughan ME**, Jackson M Improving behaviour in Jamaican children: A model for intervention based on epidemiological analysis. *Report to the Inter-American Development Bank*. March 2002
- \* A Profile of the status of Jamaican pre-school children and their learning environments: A comprehensive look at Jamaica's six year olds. *Report to the Inter-American Development Bank*. August 2001
- \* Selecting Jamaican indicators of child well-being: A scientific approach. *Report to the Inter-American Development Bank*. August 2001
- \* The Caribbean Child's right to education: Educational provision, socio-economic and family factors and school achievement. In : *Children's Rights: Caribbean Realities*. Ed. C Barrow 2001; 132-147
- \* Lambert MC, **Samms-Vaughan ME**, Schmitt N, Kirsch E, Paneth N. Effects of environmental factors on psychological adjustment in very low birth weight and higher birth weight Jamaican adolescents. In: *International Perspectives on Child and Adolescent Mental Health*. Eds. N Singh and A. Singh. London: Elsevier Science. 2001

**ABSTRACTS**

- \* Lifestyle Factors and cervical dysplasia in Jamaican women. P. Bazuaye, **H Fletcher** et al. *WIMJ* (supp 5) 2001 50:21
- \* Factors associated with the development of pre-eclampsia in a Jamaican Population. G. Bramwell, N. Levy, A. Wierenga, **H. Fletcher** et al. *WIMJ* (supp 5) 2001 50:21
- \* The use of misoprostol to improve gynecological and obstetric health in Brazil, Jamaica and the United States. Clark S, Blum J, Blanchard

- K, Galvao L, **Fletcher H**, Winikoff B. *Proceedings Population association of America 2001 annual meeting.*
- \* Factors associated with size at birth in Jamaican infants born at term. Walker S, Ewan-Whyte C, Chang S, Powell C, **Fletcher H** and Grantham-McGregor S. *WIMJ* (supp 2) 2002 51:24
  - \* Cervical dysplasia in Jamaican women; the role of lifestyle and sexual practices, P. Bazuaye, **H. Fletcher** et al. *WIMJ* (supp 2) 2002 51:41
  - \* Measurement of family functioning in Jamaica using the Family Adaptability and Cohesion Scale II. Does confirmatory factor analysis reveal a factor structure identical to those established in the United States. Lambert MC, Schmitt N, Russ CM, **Samms-Vaughan ME**, Lewis K, Lancaster K. *Proceedings of the 63<sup>rd</sup> annual conference of the National Council on Family Relations.* November 2001.
  - \* The effects of the environment on autistic spectrum disorder in Jamaica. Hall D, **Samms-Vaughan ME**, Roberson S, Onugha T, Siles R. *WIMJ* 2001, 50 (Suppl.5) pg. 13.
  - \* Obstetric complications and autism in Jamaican children. Roberson S, Hall D, Onugha T, Siles R, **Samms-Vaughan ME**. *WIMJ* 2001, 50 (Suppl.5)pg.13
  - \* Maternal stress associated with raising autistic children in Jamaica. Siles R, **Samms-Vaughan ME**. *WIMJ* 2001, 50 (Suppl.5)pg.96
  - \* Self-concept, school performance and behaviour in Jamaican children. **Samms-Vaughan ME**, Ashley-Jackson MD, Lambert MC, Russ CM, Ashley DC. *Journal of Developmental and Behavioral Pediatrics* 2001; 22:345.

## **PUBLIC SERVICE**

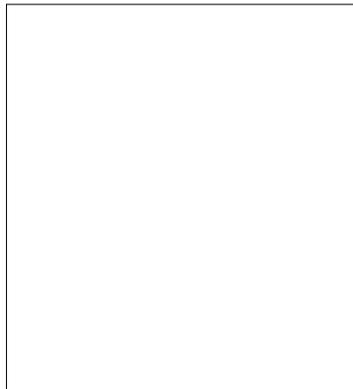
### **Dr. M. Antoine**

- Member, National Juvenile Advisory Council
- Chair, Educational Committee, Paediatric Association of Jamaica

### **Prof. C. Christie**

- Inaugural Member, HIV Medicine Association of America

- Member, Pediatric Infectious Diseases Society of America
- Chairperson., Professional Development and Equity Committee of the Infectious Disease Society of America
- Non-Executive Board Member, Scientific Research Council of Jamaica,
- Non-Executive Board Member, Bank of Nova Scotia Jamaica Limited and Bank of Nova Scotia Insurance Company Ltd.



- Committee Member, Private Sector Organization of Jamaica, Corporate Governance

**Dr. H. Fletcher**

- President, Grabham Society
- Vice Chair, American College of Obstetricians & Gynaecologists (ACOG)

**Dr. L. Gabay**

- PAJ outreach project to Port Antonio, Portland , November 2001

- Paediatrician, Lions Club of New Kingston Health Fair, Maxfield Park Health Centre, April 2002

**Dr. S. Kulkarni**

- Member, Expert panel to examine standards in newborn care delivery in hospitals islandwide. Initiative of Pediatric Association of Jamaica.
- PAHO expert trainer on Perinatal Information System (SIP) to be introduced in the Anglophone Caribbean.

**Dr. R. Melbourne-Chambers**

- Consultant Paediatrician, St. Luke's Church Outreach Clinic, St. Simon's Basic School, Jones Town, May 2002
- Vice President, Paediatric Association of Jamaica.

**Dr. M. Miller**

- Consultant Paediatrician to the St. Andrew Settlement in Majesty Gardens. June and July 2002

**Dr. A. Pottinger**

- Vice President (2001-2002), Jamaican Psychological Society
- Board Member, Jamaica Foundation for Children
- Board Member, McCam Child Development Centre

**Dr. M. Samms-Vaughan**

- Board Member, Vaz Preparatory School Board
- Board Member, Queen’s High School Board
- Member of the Jamaican Attention Deficit Disorder Association
- Consultant Child Development Specialist to PAHO

**Dr. H. Trotman-Edwards**

- Editor, “The Pickney”, Paediatric Association of Jamaica quarterly newsletter.

## **CATEGORIES OF STUDENTS**

### **Undergraduate**

The undergraduate teaching programmes continued satisfactorily with changes in the rotations made to ensure that the final year students were exposed to all subspecialties. This has contributed significantly to the high performance in the last year reflecting a pass rate of 90% in December 2001 and 98% in June 2002 with 4 honours and two distinctions in the MB.BS final examinations.

### **Postgraduate**

#### **Obstetrics and Gynaecology**

The postgraduate training programmes have benefited significantly by the longer rotations through the Specialist units. The new additions to the department such as in vitro fertilization, operative endoscopy (laparoscopy & Hysteroscopy), and the new thrust in perinatolgy has broadened the scope for postgraduate training in the region

Plans are now being developed to supervise postgraduate training in Obstetrics and Gynaecology in the Bahamas. This will provide extra training posts to the large number of applicants who spend long lag periods before starting their training after their acceptance in the postgraduate programme by the University.

### **Paediatrics**

One postgraduate student was successful at the DM Paediatrics Part II (final) examination. Three postgraduate students were successful at the DM Part I examination.

### **Prizes Awarded**

At the Faculty of Medicine's Annual Research Day held in November 2001, Dr. Abigail Harrison, DM Paediatrics student was awarded the Paediatric Association of Jamaica's Prize for the most outstanding paediatric research paper presented and the Dean's prize for the most outstanding research paper presented.

### **DISTINGUISHED VISITORS**

**Dr Van Harendael**, University of Antwerp, Belgium.

**Professor Ray Bahodo-Singh**, Head of Department of Obstetrics and Gynaecology, University of Cincinnati.

**Dr. Peter McKenna**, Master at the Rotunda Hospital, Dublin Ireland.

**Peter Milton**, Former Vice President of the Royal College of Obstetricians and Gynaecologists, Cambridge, University

**Dr. Maria Small**, Fellow Department of O&G, Yale University.

**Roger Moe**, Information Technology, Trinidad

**Matthew T. Onorato**, Merck and Co., USA

**Anne Sill**, University of Maryland, USA

**Kevin Snell**, Ingenix Clinical Research Organization, USA

**Mary-Lou Snyder-Dunn**, Ingenix Clinical Research Organization, USA

**Douglas Watson**, MD, University of Maryland, USA

# DEPARTMENT OF PATHOLOGY

Professor Barrie Hanchard MBBS FRCPC FRCP *Edin*  
– Head of Department

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## WORK OF THE DEPARTMENT

### Overview

**D**uring the year under review the Department of Pathology made significant strides in the areas of teaching, research and the further development of laboratory medicine. In the area of teaching there was heavy involvement with the introduction of the new curriculum for first year students in the Faculty while concurrently maintaining the teaching programmes for students being taught under the “old” curriculum in years three and four of the MBBS course. In research, the department signed a new research contract with the National Cancer Institute/The National Institutes of Health, Bethesda, USA, to continue research on HTLV-1 and its associated diseases and in the laboratories, expanded portfolios of tests in several areas served to improve diagnostic and therapeutic capabilities at the UHWI.

### TEACHING

#### Undergraduate

In undergraduate teaching, the year was strongly influenced by the introduction of the new curriculum. Due to the overlap of the basic and clinical medical sciences in the principles and practice of pathology there was heavy reliance on the teaching of general pathology, particularly the

basic science aspects, to students in the first year of the curriculum (class of 2006) as a part of the integrated course leading to the three year B.Med. Sci. degree.

These courses ran concurrently with those executed under the “old” curriculum, i.e. the combined Pathology and Microbiology didactic course to students in the first clinical year (class of 2004) and the clinical clerkships in Pathology and Microbiology for the class of 2003.

In the final examinations in Pathology and Microbiology in April/May 2002, 77 of the 86 students sitting the examination were successful with 4 students passing with honours.

### **Postgraduate**

The postgraduate programmes leading to the DM(Path) degree in Anatomical Pathology and Laboratory Haematology continued to operate at full capacity with new candidates entering the programmes in posts made available upon the graduation of other candidates in the previous year.

Currently there are thirteen (13) residents registered for the courses in the programmes including four (4), registered in Clinical Haematology, a combined Haematology/Internal Medicine programme.

The elective programme funded by the French Government where residents in Anatomical Pathology are allowed three or six month rotations in the Department of Pathology, University of Forte de France, Martinique, continues to accommodate residents who have been successful in the DM(Path) Part 1 examinations.

### **Research**

The Department maintained its high level of research with significant productivity in a large number of general and specific areas. The HTLV-1 Project a collaborative research project between the department and the National Cancer Institute/National Institutes of Health (NCI/NIH), Bethesda, Maryland, USA signed a new five year US\$4,000,000 contract to continue its work on the epidemiology of HTLV-1 infection and its associated diseases in Jamaica.

Specific research objectives for the Project over the next five years include:

1. A study of HTLV-1 associated leukaemia and lymphoma
2. Neurologic disease associated with HTLV-1
3. The natural history for HTLV-1 infection in adults and in children
- 4.

A linkage study of HTLV-1 carriers and the ATL and TSP/HAM registries

These objectives reflect the inter-departmental collaboration which has been the hallmark of the Project to date whereby objectives are executed in conjunction with several other departments in the Faculty including the Departments of Medicine, Obstetrics and Gynaecology and Child Health and now the Ophthalmology Unit in the Department of Surgery, Radiology, Anaesthetics and Intensive Care. Links with the Ministry of Health in Jamaica have also been maintained through the Epidemiology Unit and the National Blood Transfusion Service.

Members of staff were also involved in other significant local and international research projects. There was renewal of the UWI Research Fellowship enabling the staff of the Jamaica Cancer Registry to continue its research into cancer mortality in Jamaica, Drs. Shirley and Escoffery continued research into breast diseases in conjunction with the Department of Surgery, Radiology, Anaesthetics and Intensive Care, Dr. Coard and Professor Bennett continued work on prostate cancer as a part of the Multicentre International Research Project funded by the US Department of Defense in collaboration with the TMRI, Loyola University in Chicago and the Universities of Lagos and Ibadan in Nigeria and Drs. Brady-West, Nadia Williams and Professor Hanchard established research protocols for the Colon Cancer Study Group in conjunction with the Section of General Surgery and the Department of Medicine with special reference to risk factors, clinical and pathological indices, treatment and prognosis.

A new research initiative was introduced by Dr. Nadia Williams who in conjunction with the International Centre for Environmental and Nuclear Sciences (ICENS), UWI, began executing a research protocol on renal and liver cadmium and heavy metal concentrations in humans. Dr. Nadia Williams is also a co-investigator for a project funded by BioPharma Corporation, Canada in the treatment of cervical HPV-induced lesions with topical interferon.

Non-funded research in sub-specialty areas continued as follows:

Renal pathology (Dr. Shah), neuropathology (Dr. Char), Haematology/Oncology (Drs. Wharfe, Brady-West, Buchner and Taylor-Houston) chronic and metabolic diseases (Professor Bennett and Dr. Choo-Kang) cancer registration (Drs. Blake and Gibson and Professor Hanchard) and breast diseases/autopsy practice (Drs. Escoffery and Shirley).

The work in this area was rewarded by three awards received by the Department at the University Research Day Ceremony. The HTLV-1 Project received the award for the “largest amount of funding”, **Dr. Gilian**

**Wharfe, Mrs. Beverley Cranston** and **Professor Barrie Hanchard** received the award for the “best publication” and **Professor Hanchard** accepted the award for the most “distinguished researcher” on behalf of the HTLV-1 Project.

### Details of Research Projects

(a) **HTLV-1**

<b>Investigators (local)</b>	<b>Funding</b>	<b>Agency</b>
Professor B. Hanchard (Principal)	US\$4,000,000	NCI/NIH
Dr. E. Williams	(5 years)	Bethesda, USA
Dr. N. Williams		
Dr. C. Escoffery		
Dr. G. Wharfe		
Professor R. Wilks		
Dr. C. Rattray		
Professor O. Morgan		
Dr. M. Samms-Vaughan		
Dr. A. East-Innis		

(b) **PROSTATE CANCER**

<b>Investigators (local)</b>	<b>Funding</b>	<b>Agency</b>
Professor F. Bennett (Principal)	US\$100,000	US Department
Dr. K. Coard	(3 years)	of Defense
Dr. F. Tulloch		
Professor T. Forrester		
Dr. W. Aiken		

(c) **CANCER REGISTRATION**

<b>Investigators</b>	<b>Funding</b>	<b>Agency</b>
Professor B. Hanchard (Principal)	UWI Research	UWI
Dr. G. Blake	Fellowship	
	(2 years)	

(d) **BREAST DISEASE**

<b>Investigators</b>	<b>Funding</b>	<b>Agency</b>
Dr. S. Shirley (Principal)	To be acquired	
Dr. C. Escoffery		
Dr. E. Williams		

Dr. G. Wharfe  
Dr. D. Soares  
Dr. D. Mitchell  
Professor R. Wilks

## **LABORATORY SERVICES**

The laboratory services increased their output of routine and special tests due to increased demands on the services in Clinical and Anatomical Pathology and to the addition of new tests to the portfolios in Anatomical Pathology, Chemical Pathology and Haematology. In Anatomical Pathology the major addition to the routine portfolio was that of immunohistochemistry, this having been transferred from the HTLV-1 research laboratories. In Chemical Pathology, there was expansion of the laboratory portfolio to include special tests of endocrine function to support teaching and research in endocrinology and the In-Vitro Fertilization programme now established in the Section of Obstetrics and Gynaecology. Other tests newly introduced were aimed at supporting the practice of Oncology which has been firmly established as one of the major sub-specialties in the Haematology Sub-department.

Plans for computerization of the laboratory services are now well advanced and await the installation of the required equipment in all laboratories. It is expected that the results for laboratory tests will be available to the other clinical units via computer during the first quarter of 2003. In advance of these plans, the connection of the Department with the campus computer network has been completed, facilitating more efficient communications within the Faculty and with the Registry and the Bursary. Coincident with this has been the accession of the Banner Accounting System in the Bursary which has afforded increased efficiency in acquiring reagents and supplies.

### **Staff**

The Department welcomed the promotion of **Dr. Franklyn Bennett** to Professor of Chemical Pathology and the appointment of **Dr. Gilian Wharfe** as lecturer on tenure. Three new members of staff were appointed; Dr. Karen Bishop, Dr. Tracey Gibson and Dr. Jacqueline Jaggon. These appointments were made in the Sub-department of Anatomical Pathology with a view to developing and maintaining the academic profile and succession programmes in specific sub-specialty areas including paediatric pathology, cytogenetics and neuropathology.

Several members of staff are involved in the development of the new curriculum. Dr. Elaine Williams was appointed Chairman of the Assessments Committee, with Dr. Eric Choo-Kang and Dr. Kathleen Coard being members of the Committee; Drs. Carlos Escoffery and Gilian Wharfe were appointed Module Leaders for the Genito-Urinary and Haematology Modules respectively in the new curriculum and Dr. Nadia Williams, Dr. Elaine Williams, Dr. Eric Choo-Kang and Dr. Gilian Wharfe were departmental representatives for the Stage II MBBS Planning Committee.

### **Awards**

**Professor Hanchard** was the recipient of the Kingston College Old Boys Association Award for Outstanding achievement in Medicine (Pathology and Retrovirology) and the Medical Association of Jamaica Award for his contribution to research.

### **PAPERS PRESENTED**

Members of the department participated in a number of local regional and international conferences and presented papers at some of these.

- “Abnormal Papanicolaou (Pap) Smears at UWI”, 1997-1999. Shirley SE, Escofery CT, Hay KK, Sutherland M, Gray J, Reid M. 10<sup>th</sup> Annual Research Conference, Faculty of Medical Sciences, UWI, Mona, Jamaica
- “The evolution of prostate pathology diagnoses at the UHWI: trends over a ten-year period”. Coard KC, Bishop K, Julius J. 10<sup>th</sup> Annual Research Conference, Faculty of Medical Sciences, UWI, Mona, Jamaica
- “A case of Fatal Autochthonous Acquired Angiostrongylus Cantonesis Infection in Jamaica”. Codrington G, Lindo JF, **Escoffery C**, Cunningham-Myrie C, Ashley D, Eberhard ML. International Conference on Emerging Infectious Diseases 2002, March 24-27, 2002, Hyatt Regency, Atlanta, Georgia, USA.
- “Hepatic abscesses at the UWI, Kingston, Jamaica: a 24-year autopsy review”, Gaskin DA, Bodonaik NC, Williams NP. Caribbean Health Research Council 47th Annual Council and Scientific Meeting, Guyana, April 24-27, 2002

- “A preliminary study of heart weights in a Jamaican adult autopsy population”. Coard KCM 17th Caribbean Cardiology Conference, Port-of-Spain, Trinidad
- “Primitive Neuroectodermal Tumours of CNS Char G. Annual Scientific Symposium of Jamaican Association of Clinical Pathologists, November 11, 2001

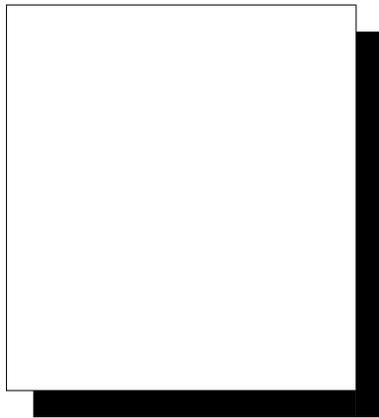
## PUBLICATIONS

### (Refereed Journals)

- “Salivary Gland Lesions: A Jamaican Perspective” **Williams NP**, Boyd DL, Choy L, **Hanchard B**. *West Indian Med J*. 50:62-5; 2001
- Age-specific Incidence of Cancer in Kingston and St. Andrew, Jamaica 1993-1997. **Hanchard B**, **Blake G**, Wolff C, Samuels E, Waugh N, Simpson D, Ramjit C and Mitchell K. *West Indian Med. J*. 50(2): 123-129; 2001
- Colonic Lipomas at the University Hospital of the West Indies. Mitchell DIG, McDonald AH, **Williams NP**, Royes CAR, Duncan ND and **Hanchard B**. *West Indian Med J*. 50(2):144-147; 2001
- False Positive Troponin I in a case of Metastatic Small Cell Bronchogenic Carcinoma complicated by Pulmonary Thromboembolism. **Gibson TN** and **Hanchard B**. *West Indian Med J*. 50(2): 171-172; 2001
- Laboratory Services – Development and Future Directions. **Hanchard B**. *West Indian Med J*. 50(4): 32-33; 2001
- Jamaica Cancer Mortality Statistics 1999 **Blake G**, **Hanchard B**, Mitchell K, Simpson D, Waugh N, Wolff C, Samuels E. *West Indian Med J*. 51(2): 64-67; 2002
- Virus Markers Associated with Vertical Transmission of Human T Lymphotropic Virus Type I in Jamaica. Michie Hisada, Elizabeth M. Maloney, Takashi Sawada, Wendell J. Miley, Paulette Palmer, **Barrie**

**Hanchard**, James J. Goedert and Angela Manns. *Clinical Infectious Diseases* 634:1551-1557; 2002

- Vaginitis emphysematosa associated with an abnormal pap smear. **Escoffery CT**, Sinclair P, Guthrie W. *West Indian Med J.* 50:234-5; 2001
- Clinicopathologic features of prostate cancer in Jamaican men. **Shirley SE, Escoffery CT**, Sargeant LA, Tulloch T. *BJU International* 89:390-5; 2002



- Clear cell carcinoma of the breast with immunohistochemical evidence of divergent differentiation. **Shirley SE, Escoffery CT**, Titus IP, **Williams EE**, West AB. *Annals of Diagnostic Pathology* 6:250-6; 2002
- Traumatic Deaths in Jamaica: A coroner's autopsy study from the University Hospital of the West Indies. **Escoffery CT, Shirley SE**. *Medicine, Science and the Law* 42:185-91;

2002

- Ultrasonography of the Lower Limbs for Deep Vein Thrombosis: A five-year analysis. West WM, **Brady-West D**. *West Indian Med J.* 51 (1):35;2002
- Concurrent Mucosa-associated Lymphoid Tissue Lymphoma and Adenocarcinoma of the Stomach [Letter]. **Blake G, Jaggon J, Williams NP, Williams E**, Royes C. *West Indian Med J.* 51:129;2002
- Diverticulitis of the Vermiform Appendix [Letter] **Blake G**, Edmondson N, **Williams NP**, Newnham MS. *West Indian Med J* 51:128; 2002
- Granulomatous Lobular Mastitis. Newnham MS, **Shirley SE**, McDonald A. *West Indian Med J.* 50 :236-8; 2001

- Autopsy Request Practices in Jamaica: A Study from the University Hospital of the West Indies. **Gibson TN, Escoffery CT, Shirley SE.** *Journal of Clinical Pathology* 55:608-12; 2002
- Marking of Wire-localized Breast Biopsies of Mamographically detected Microcalcifications. **Shirley SE,** Soares DP. *Tropical Doctor* 32:171-3; 2002
- Abnormal Papanicolaou (PAP) Smears at University of the West Indies, 1997-1999. **Shirley SE, Escoffery CT,** Hay KK, Sutherland M, Gray J, Reid M. *West Indian Med J.* 50(Suppl. 5):30 (Abstract); 2001
- Soft Tissue Sarcomas: A ten-year analysis. **Coard KCM,** Watson O. *West Indian Med J.* 50:218-221; 2001
- Cardiac Rhabdomyoma in Infancy: A case report. **Coard K,** Williams M, **Hanchard B,** Dorah N, Antoine M. *West Indian Med J.* 50:333-335; 2001
- Leiomyosarcoma of Uterus with a florid intravascular component. (“Intravascular Leiomyosarcomatosis”). **Coard KCM,** Fletcher HM. *Int’l J. Gynecol Pathol* 21:182-185;2002
- Prostate Cancer at the University Hospital of the West Indies in Jamaica: A clinicopathological Profile at the time of Needle Biopsy Diagnosis. **Coard KCM.** *West Indian Med J.* 51:40-43;2002
- The effects of birth weight and post-natal linear retardation on body mass index, fatness and fat distribution in mid and late childhood. Walker SP, Gaskin PS, Powell CA, **Bennett FI.** *Public Health Nutrition* 5:391-396;2002
- Shortness at birth is associated with insulin resistance in pre-pubertal Jamaican children. **Bennett FI,** Watson-Brown C, Thame M, Wilks RJ, Osmond C, Hales N, Barker DJP, Forrester T. *Eur J. Clin Nutr.* 56(6):506-511;2002
- “The evolution of prostate pathology diagnosis at the UHWI: trends over a 10-year period. **Coard K, Bishop K,** Julius J. *West Indian Med J.* 50(Suppl 5);30;2001

**(Non-Refereed Journals)**

- “A preliminary study of heart weights in a Jamaican adult autopsy population”. **Coard K.** *Proceedings of the 17<sup>th</sup> Caribbean Cardiology Conference, 2002*

## **PUBLIC SERVICE**

### **Dr. Nadia Williams**

- President, UWI Medical Alumni Association 202/2003
- Member of the executive of the UWI Alumni Association (Guild of Graduates).

### **Dr. Kathleen Coard**

- Assistant Secretary, Caribbean Cardiac Society for 2002

### **Dr. D. Brady-West**

- Member of the Blood Bank Advisory Committee
- External Examiner, Haematology at the University of Technology

### **Dr. G. Char**

- Member, Anthrax Committee, UWI

### **Dr. J. Taylor-Houston**

- Chairperson, Committee for Assistance, Research and Education (Leukaemia C.A.R.E.).

## **DISTINGUISHED VISITORS**

**Professor Stephen Gillespie**, Royal Free Hospital, London

**Dr. John Parker-Williams**, St. George’s Hospital, London

**Dr. Michie Hisada**, NCI/NIH, Bethesda, Maryland, USA

**Dr. Elizabeth Maloney**, NCI/NIH, Bethesda, Maryland, USA

**Dr. R. Contreras**, Santiago, Chile

**Dr. Merle Lewis**, PAHO/WHO, Washington, D.C. USA

**Mrs. Silvana Luciani**, PAHO/WHO, Washington, D.C. USA

**Professor S. Sonoda**, Kagoshima University, Japan

**Dr. S. Abe**, Kagoshima University, Japan

**DEPARTMENT OF SURGERY,  
RADIOLOGY, ANAESTHESIA &  
INTENSIVE CARE**

**Professor Peter Fletcher**, MB BS, *Lond-UCWI*, FRCSEd, FACS  
– Head of Department

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## **WORK OF THE DEPARTMENT**

**T**he Department participated in the integrated teaching of anatomy in the new BMed Sci curriculum. The Board of Management of the UHWI approved the establishment of the Division of Emergency Medicine in the Department. This incorporates the Scotiabank Centennial Accident & Emergency Unit, Casualty, and the Minor Operating Theatre.

Professor Sir Magdi Yacoub and his Chain of Hope Team in collaboration with the local Cardiothoracic Surgical Team operated on children with congenital heart defects at the Bustamante Children's Hospital, and on an adult patient at the UHWI.

A 1.5 Tesla Magnetic Resonance Imaging (MRI) machine was installed and commissioned in Radiology.

### **Staff Movements/Recognitions**

Professor Michael Branday – UWI Long Service Award (21 years)

Dr Ivor Crandon – promoted to Senior Lecturer

Professor Hon Lawson Douglas – Gold Musgrave Medal for Services to Medicine

Dr Ronald DuQuesnay – promoted to Senior Lecturer

Mrs. Doreen Fearon-Boothe awarded Diploma in Community Health with Honours

Professor Peter Fletcher – appointed Chair, Board of Directors, Mona Institute of Medical Sciences – Chancellor Hall Super Lion Award 2002 – appointed Acting Chief Executive Officer, UHWI, June/July, 2002

Dr Trevor McCartney – elected President, Association of Surgeons in Jamaica

Dr Christopher Rose – UWI Long Service Award (15 years)

Dr Charles Royes – UWI Long Service Award (15 years)

Professor Howard Spencer – Commander of the Order of Distinction – UWI Long Service Award (21 years) – Appointed Director, Medical School, Bahamas

Dr Wayne West – Tenure

### **Continuing Medical Education/Outreach**

*Conferences/Work shops Organised:*

Curriculum Development Workshop, August 2001

Course in Endoscopic Sinus Surgery and Microsurgery of the Ear, January 2002

Jamaica Orthopaedic Association Symposium, January 2002

Jamaica Urological Society Annual Conference, February 2002

Jamaica Emergency Medicine Association Conference. Kingston, March 2002

Seminar on Magnetic Resonance Imaging. Faculty of Medical Sciences, UWI, March 2002.

Association of Surgeons in Jamaica 44<sup>th</sup> Annual Clinical Conference, Ocho Rios, May 2002

Departmental Clinical Research Meeting, Faculty of Medical Sciences, UWI, May 2002.

Inaugural William Dennis Memorial Lecture, Faculty of Medical Sciences, June 2002.

*Contributions:*

Images and Diagnoses. **W West**. WI Med J 2001; 50 (3): 222

Images and Diagnoses. **W West**. WI Med J 2001; 50 (4): 331

Images and Diagnoses. **W West**. WI Med J 2002; 51: 45

*Lectures:*

“Mammography and the Further Imaging and Management of Breast Disease.” **D Soares**. Kiwanis Group, New Kingston Chapter

“Studies Beyond 6<sup>th</sup> Form and for Life.” **P Fletcher**. Mona Campus visit of Lower 6<sup>th</sup> Form students of Jamaica College

“Urinary Incontinence in Childhood.” Dr David Gough, Royal Manchester Children’s Hospital, Inaugural William Dennis Memorial Lecture, Faculty of Medical Sciences, June 2002.

*Surgical Grand Rounds Lectures:*

“The Credit Union for Academics and Others.” Mr. J Silvera, UWI (Mona) and Community Co-op Credit Union

“Preoperative Evaluations and Preanaesthetic Clinic.” Dr Keith Candiotti, Assistant Professor of Anesthesiology and Internal Medicine, University of Miami/Jackson Memorial Hospital, USA

“Medical Practice and Postgraduate Training in Britain.” Dr Peter Freeland, St John’s Hospital

“Epilepsy Surgery.” Professor Paul Steinbok, University of British Columbia, Vancouver.

“Skull Base Surgery.” Professor Felix Durity, University of British Columbia, Vancouver

“Neurosurgery and Psychiatry: Challenges at the Interface”. Professor Renn Holness, Dalhousie University, Halifax

“Analgesia and Abdominal Pain.” Professor James Ducharme, Dalhousie University, Canada

“Breast Reconstruction: Technique, Results, and Management of Complications.” Dr Norman Morrison, Columbia University College of Physicians & Surgeons.

“Facial Plastic and Reconstructive Surgery.” Dr Orville Palmer. Columbia University College of Physicians & Surgeons.

#### *Rural Rounds*

Members of the Department have continued the programme of monthly visits to selected rural hospitals to participate in ward rounds and surgical consultations

#### **Benefactions/Sponsorship Received**

- J\$234,385.72 – for Clinical Research Meeting
- J\$1,000,000.00 – from Bank of Nova Scotia
- J\$198,778.00 – to Anaesthesia & Intensive Care
- US\$1,000.00 – to Radiology

#### **Donations Made**

- J\$42,000.00 – sponsorship of Nurse Anaesthetists to annual conference
- J\$25,000.00 – sponsorship: S/N Serida Seivwright to Nurses Association of Jamaica AGM and Island Conference
- J\$ 6,600.00 – book prize: UHWI Operating Theatre Nurses Training Programme
- J\$125,000.00 – nursing staff welfare: surgical wards, Operating theatres, SOPD, A&E
- J\$ 78,118.75 – office staff welfare

## RESEARCH IN PROGRESS

Dr Paul Ramphal received the first cardiovascular health research grant of US\$5000 from the Caribbean Cardiac Society and a grant of US\$5000 from the Mona Campus Research & Publication Fund Committee to develop a **Computer-assisted Cardiac Surgical Simulator**.

Dr Guyan Arscott is involved in a collaborative research project on **Keloid Scars** with the University of Manchester

Radiology is using MRI to look at **Structural Abnormalities in the Brain of Patients with Seizures**. They are also collaborating with the Department of Medicine in a review of the **Epidemiology and Prognosis of Patients with Cerebrovascular Accidents** using CT scanning.

Anaesthesia & Intensive Care is collecting data on **Anaesthesia in the Elderly and Sepsis in the ICU**.

Data has been collected in the **Trauma Registry** on 5143 patient records up to June 2002. Three additional presentations and one more publication have resulted.

The collaborative study on **Breast Disease** with the Department of Pathology and the Cancer Registry continues. Data has been collected on 1015 patients up to June 2002.

The protocol for the multidisciplinary **Colorectal Cancer** study had to be resubmitted to the Ethics Committee. Approval is awaited

127 patients from the UHWI have been enrolled in the multinational study on **Prostate Cancer**. Data is now being analysed.

## PAPERS PRESENTED

- Development “Student Assessment in the Restructured Curriculum.”  
**P Fletcher**, M Branday. FMS Curriculum Workshop, UWI, Mona. August 2001
- “Preliminary Report on the Prevalence of Cardiac Disease in Jamaica.” **H Spencer**. 16<sup>th</sup> Caribbean Cardiology Conference, Barbados, August 2001
- “Injuries: the Broad Picture.” **AH McDonald**. Mona Academic Conference 2001, UWI, Mona, September 2001

- “Injuries: the Impact.” **TB McCartney**. Mona Academic Conference 2001, UWI, Mona, September 2001
- “Results of total hip arthroplasty”. **K Vaughan**. The Jamaica Orthopaedic Association 7<sup>th</sup> Annual Symposium, Kingston, January 2002.
- “Total knee replacement.” **A Mansingh**. The Jamaica Orthopaedic Association 7<sup>th</sup> Annual Symposium, Kingston, January 2002.
- “Complications and Tolerance of TRUS guided Prostate Biopsy.” **R Mayhew**. Jamaica Urological Society Annual Symposium, Kingston, February, 2002.
- “Skin and Soft Tissue Infections, antibiotics and surgical management.” **DIG Mitchell**. Caribbean College of Family Physicians Conference, Kingston, April 2002.
- “Skin and Soft Tissue Infections, antibiotics and surgical management.” **DIG Mitchell**. Caribbean College of Family Physicians Conference, Kingston, April 2002.
- Colorectal Cancer trends by anatomic subsite, age and staging: a 4-year study of 159 cases in Jamaica. Poster. **MEC McFarlane, A Rhoden, PR Fletcher, R Carpenter**. 47<sup>th</sup> Annual CHRC Scientific Meeting, Guyana, April 2002.
- Ambulatory treatment of haemorrhoids: single visit outpatient therapy with the infrared coagulator. Poster. **MEC McFarlane**. 47<sup>th</sup> Annual CHRC Scientific Meeting, Guyana, April 2002.

**The following presentations were made at the Campus Research Day, UWI, Mona, October 2001:**

- Neonatal Plastbell Circumcision: a Preliminary Report. Poster. **N Duncan** et al.
- Splenectomy Performance in Sickle Cell Disease. Poster. **N Duncan** et al.
- Are Skull X-rays an Effective Tool in Head Trauma? Poster. **I Crandon** et al.
- Civilian Cranial Gunshot Wounds. Poster. **I Crandon** et al.
- Exotic Injuries of the Central Nervous System. Poster. **I Crandon, C Bruce**.

- Urinary Tract Stones at the University Hospital of the West Indies: A Retrospective Analysis. Poster. **W Aiken**, F Bennett.
- Colorectal Cancer in Jamaica. Poster. **M McFarlane** et al.

**The following presentations were made at the 10<sup>th</sup> Annual Research Conference, Faculty of Medical Sciences, Mona, November 2001.**

- Community participation for health – an assessment of a community’s response. Poster. **D Ferron-Boothe**, S Wilkes, D Holder-Nevins.
- Ameloblastoma in Jamaica: analysis of 47 cases. Poster. C Ogunsala, A Lewis, **H Shaw, W West**.
- Trauma admissions to the Intensive Care Unit of the University Hospital of the West Indies. Poster. **V Mitchell, M Scarlett**, A Amata.
- Hydrocephalus at the University Hospital of the West Indies. Poster. **R Hunter, I Crandon, F Pencle, R Ramcharan**.
- General anaesthesia vs regional anaesthesia for Caesarean section at the University Hospital of the West Indies. Poster. **A Crawford-Sykes**.
- Coagulation screening before spinal anaesthesia in pre-eclampsia at the University Hospital of the West Indies. Poster. R Mansoor, **M Nelson, K Ehikhametalor**, S Kulkarni.

**The following presentations were made at the UWI Medical Alumni Sixth International Conference, St Kitts, November 2001:**

- “Surgery for anorectal malformations – a ten-year review.” **ND Duncan, GH Badal, B Brown**.
- “Preoperative starvation, “NPO”, and pulmonary aspiration: new perspectives.” **M Scarlett**.
- “Role of erythrocyte sedimentation rate in monitoring treatment of osteomyelitis in sickle cell disease.” **A Mansingh, MA Ware**.
- “Adult Hirschsprung’s disease at the University Hospital of the West Indies.” **ND Duncan, S Little, N Plummer, AH McDonald, L Bridgewater, A Rhoden**.
- “A ten-year review of suspected penile fractures seen at the University Hospital of the West Indies and Andrews Memorial Hospital: a

preliminary report.” **W Aiken, L Johnson, R Mayhew, T Tulloch.**

- “Hip fractures: a University Hospital of the West Indies emergency room experience.” **J Williams-Johnson, A McDonald.**
- “Jamaica injury surveillance system: report on data analysed from three hospitals, December 1999-May 2000.” S Arscott-Mills, Y Holder, G Gordon, **A McDonald.**
- “The Ilizarov technique – indications and results.” **REC Rose.**
- “The impact of socioeconomic factors on emergency department utilization by asthmatics at the University Hospital of the West Indies.” **SJ French, A McDonald.**

**The following presentations were made at the Emergency Medicine Conference, Kingston, March 2002.**

- “Toxicology.” **R Hutson.**
- “Diagnosis of Acute Myocardial Infarct.” **N Boothe.**
- “Hip Fracture: a UHWI Emergency Room Experience.” **J Williams-Johnson.**
- “A Review of the Admitted Cases of Poisoning at UHWI – 1998-2001. **D Ferron-Boothe.**
- “ATLS Training in the Caribbean.” **A McDonald.**
- “Vascular Emergencies.” **M Newnham.**
- “Trauma in Pregnancy.” **E Williams.**
- “Penile Fracture.” **W Aiken.**
- “Fractures of the Penis.” **W Aiken.** Jamaica Urological Society Annual Symposium, Kingston, February, 2002:

**The following presentations were made at the Association of Surgeons in Jamaica 44<sup>th</sup> Annual Clinical Conference, Ocho Rios, May 2002:**

- “Surgical presentation and management of illness related to drug carriers – the surgeon’s view.” **T McCartney.**
- “Neurosurgical management of the prolapsed intervertebral disc.” **I Crandon.**

- “Emergency management of patients with burns.” **R Venugopal.**
- “What’s new in gastric cancer.” **A Martin.**
- “PSA and the general practitioner.” **W Aiken.**

**The following presentations were made at the Department of Surgery, Radiology, Anaesthesia & Intensive Care Clinical Research Meeting, Faculty of Medical Sciences, UWI, May 2002:**

- “Preoperative fasting guidelines: a national survey on current practice, knowledge and attitudes.” **CD McGaw, M Nelson, K Ehikhametalor, D Soogrim.**
- “Design of a computer-controlled electromechanical pump system for training in beating heart surgery.” **P Ramphal, M Craven, D Coore, B Silvera, M Fletcher, S Newman.**
- “Requests for admission to the ICU” **R Augier.**
- “Sclerotherapy of hydrocoeles and epididymal cysts; a reasonable substitute for surgery?” **J East.**
- “Acute pancreatitis in the ICU: predictors of morbidity and mortality.” **K Ehikhametalor, M Nelson, D Soogrim, CD McGaw.**
- “Polypoid lesions of the gallbladder.” **M Newnham.**
- “Skin sparing mastectomy & reconstruction at UHWI.” **G Arcsott, R Venugopal, D Mitchell, R DuQuesnay, StC Clarke.**
- Patient acceptance and complications of TRUS prostate biopsies at UHWI. Poster. **K Buchanan, R Mayhew, W Aiken.**
- Selective non-operative management of abdominal gunshot wounds. Poster. **M Newnham, A Martin.**
- Colorectal cancer trends by anatomic subsite, age, & staging: a 4 year study of 159 cases in Jamaica. Poster. **MEC McFarlane, A Rhoden, PR Fletcher, R Carpenter.**
- Ambulatory treatment of haemorrhoids: single visit outpatient therapy with the infrared coagulator. Poster. **MEC McFarlane**

## PUBLICATIONS

### Refereed:

#### Papers

- \* Management of Hepatic Cysts by Percutaneous Drainage and Instillation of Tetracycline Hydrochloride. **M McFarlane, R Venugopal, A McDonald, R Ewing, M Newnham, L Johnson.** *WI Med J* 2001; 50 (3): 230-233.
- \* Granulomatous Lobular Mastitis: A Case Report and Review of the Literature. **M Newnham, S Shirley, A McDonald.** *WI Med J* 2001; 50 (3): 236-238
- \* Compartment Syndrome of the Thigh: A Case Report and Review of the Literature. **M Newnham, D Mitchell.** *WI Med J* 2001; 50 (3): 239-242
- \* Patterns of Trauma in Rural versus Urban Jamaica. **A McDonald, N Dawkins, I Titus.** *WI Med J* 2001; 50 (3): 214-217.
- \* Colorectal Cancer Screening; an Overview and Update. **M McFarlane.** *Postgraduate Doctor* 2001; 24: 139-145
- \* Curriculum Development at Mona – The Management of Change. **JM Branday.** *WI Med J*, 2001; 50: 255-257.
- \* Severe Neurological Complications Post Open Heart Surgery. **M Scarlett, H Spencer.** *WI Med J*, 2001; 50: 297-303.
- \* The Mid-forearm Arteriovenous Fistula as Vascular Access for Haemodialysis. **LL Douglas,** CAM Cadogan, CA Rattray, EN Barton. *WI Med J*, 2001; 50: 304-308.
- \* Hand Infections in Jamaica. **A Mansingh, D Sawh.** *WI Med J*, 2001; 50: 309-312.
- \* Intrathecal Pethidine as sole Anaesthetic Agent for Operative Procedures of the Lower Limb, Inguinal Area and Perineum. **KO Ehikhametalor, M Nelson.** *WI Med J*, 2001; 50: 313-316.
- \* Iatrogenic Ulnar Neuropathies Post-Pinning of Displaced Supracondylar Humerus Fractures in Children. **REC Rose, W Phillips.** *WI Med J*, 2002; 51: 17-20

- Ultrasonography of the Lower Limbs for Deep Vein Thrombosis at the University Hospital of the West Indies. **WM West, D Brady-West.** *WI Med J*, 2002; 51: 35-36.
- Biliary surgery in sickle cell disease: the Jamaican experience. **ND Duncan, AI Smith, AH McDonald, DIG Mitchell.** *JR Coll Surg Edinb*, 2002; 414-17
- Colorectal cancer screening: an overview and update. **MEC McFarlane.** *Postgraduate Doctor* 2002; 18: 84-90.
- Pancreatitis and Duodenal Obstruction following Aortic Aneurysm Repair. **MEC McFarlane, MS Newnham.** *WI Med J*, 2002; 51:119-121.
- Age as a predictive factor of Mammographic Density in Jamaican Women. **DP Soares, M Reid, M James.** *Clin Rad*, 2002;
- Marking of wire-localized breast biopsies for mammographically detected microcalcifications. **SE Shirley, DP Soares.** *Tropical Doctor* 2002; 32: 171-173.

#### Abstracts

- Vomiting post-tonsillectomy with or without upper airway and/or aural procedure. **M Scarlett, K Ehikhametalor, I Tennant, T Dean.** *WI Med J*, 2001; 50 (Suppl. 5): 14.
- Community participation for health – an assessment of a community's response. **D Ferron-Boothe, S Wilkes, D Holder-Nevins.** *WI Med J*, 2001; 50 (Suppl. 5) 27-28.
- Ameloblastoma in Jamaica: analysis of 47 cases. **C Ogunsala, A Lewis, H Shaw, W West.** *WI Med J*, 2001; 50 (Suppl. 5): 33.
- Trauma admissions to the Intensive Care Unit of the University Hospital of the West Indies. **V Mitchell, M Scarlett, A Amata.** *WI Med J*, 2001; 50 (Suppl. 5): 33-34.
- Hydrocephalus at the University Hospital of the West Indies. **R Hunter, I Crandon, F Pencle, R Ramcharan.** *WI Med J*, 2001; 50 (Suppl. 5): 34.

- General anaesthesia vs regional anaesthesia for Caesarean section at the University Hospital of the West Indies.. **A Crawford-Sykes**. *WI Med J*, 2001; 50 (Suppl. 5): 34.
- Coagulation screening before spinal anaesthesia in pre-eclampsia at the University Hospital of the West Indies. R Mansoor, **M Nelson, K Ehikhametalor**, S Kulkarni. *WI Med J*, 2001; 50 (Suppl. 5): 35.
- “Surgery for anorectal malformations – a ten-year review.” **ND Duncan, GH Badal, B Brown**. *WI Med J*, 2001; 50 (Suppl. 6): 15.
- “Preoperative starvation, “NPO”, and pulmonary aspiration: new perspectives.” **M Scarlett**. *WI Med J*, 2001; 50 (Suppl. 6): 16-17.
- “Role of erythrocyte sedimentation rate in monitoring treatment of osteomyelitis in sickle cell disease.” **A Mansingh, MA Ware**. *WI Med J*, 2001; 50 (Suppl. 6): 20.
- “Adult Hirschsprung’s disease at the University Hospital of the West Indies.” **ND Duncan, S Little, N Plummer, AH McDonald, L Bridgewater, A Rhoden**. *WI Med J*, 2001; 50 (Suppl. 6): 25.
- “A ten-year review of suspected penile fractures seen at the University Hospital of the West Indies and Andrews Memorial Hospital: a preliminary report.” **W Aiken, L Johnson, R Mayhew, T Tulloch**. *WI Med J*, 2001; 50 (Suppl. 6): 25-26.
- “Hip fractures: a University Hospital of the West Indies emergency room experience.” **J Williams-Johnson, A McDonald**. *WI Med J*, 2001; 50 (Suppl. 6): 30.
- “Jamaica injury surveillance system: report on data analysed from three hospitals, December 1999-May 2000.” S Arscott-Mills, Y Holder, G Gordon, **A McDonald**. *WI Med J*, 2001; 50 (Suppl. 6): 30-31.
- “The Ilizarov technique – indications and results.” **REC Rose**. *WI Med J*, 2001; 50 (Suppl. 6): 31.
- “The impact of socioeconomic factors on emergency department utilization by asthmatics at the University Hospital of the West Indies.” **SJ French, A McDonald**. *WI Med J*, 2001; 50 (Suppl. 6): 31-32.

- Colorectal Cancer trends by anatomic subsite, age, and staging: a 4 year study of 159 cases in Jamaica. **MEC McFarlane, A Rhoden, PR Fletcher, R Carpenter.** *WI Med J*, 2002; 51 (Suppl. 2): 40
- Ambulatory treatment of haemorrhoids: single visit outpatient therapy with the infrared coagulator. **MEC McFarlane.** *WI Med J*, 2002; 51 (Suppl. 2): 41.

#### **Non-Refereed**

- *The University of the West Indies & University Hospital of the West Indies Anaesthesia & Intensive Care Handbook.* **M Scarlett, M Nelson, H Harding-Goldson.** University Printers. 2002

#### **PUBLIC SERVICE**

##### **Dr William Aiken**

- Secretary, Association of Surgeons in Jamaica
- Secretary, Jamaica Urological Society

##### **Dr Lilieth Bridgewater**

- Secretary, Jamaica Association of Radiologists

##### **Professor Michael Branday**

- Chairman, Curriculum Committee, FMS, Mona
- Member, Assessment & Promotions Committee, FMS, Mona
- Faculty Representative, Academic Quality Assurance Committee, UWI, Mona
- Teaching Skills Tutor, Instructional Development Unit, UWI, Mona
- Academic Board Representative, Board for Undergraduate Studies
- Treasurer, Jamaica Chapter, American College of Surgeons

##### **Dr Ronald DuQuesnay**

- President, Association of Surgeons in Jamaica
- Secretary, Jamaica Chapter, International College of Surgeons
- Secretary, Caribbean College of Surgeons

##### **Professor Peter Fletcher**

- Mona Academic Board Representative on Senate

- Chair, Security Subcommittee, F&GPC, UWI, Mona
- Member, Editorial Board, West Indian Medical Journal
- Director, UHWI Private Wing Ltd. (Tony Thwaites Wing)
- Member, Board of Trustees, Health Support Fund, Ministry of Health
- Medical Advisor, West Indies Cricket Board.
- Chair, Board of Directors, Mona Institute of Medical Sciences

**Dr Hyacinth Harding Goldson**

- Vice-President, Jamaica Anaesthetists Association
- Member, Infection Control Committee, UHWI
- Member, Accreditation Committee

**Dr Archibald McDonald**

- Chairman, ScotiaBank Accident & Emergency Advisory Committee, UHWI
- Medical Director, ScotiaBank Accident & Emergency Unit, UHWI
- Member, UWI/UHWI Ethics Committee
- Member, Board of Directors, Mona Institute of Medical Sciences
- Director, Mancare Medical Centre Ltd.
- Treasurer, Association of Surgeons in Jamaica

**Dr Michael McFarlane**

- Secretary, Jamaica Chapter, American College of Surgeons
- Consultant, Jamaica Cancer Society Breast Clinic
- Member, Board of Management, Jamaica Cancer Society
- Consultant, Jamaica Cancer Society

**Dr Derek Mitchell**

- Member, Advisory Committee, HD Hopwood Computer Center
- Member, Patient Information Management System, UHWI

**Dr Maria Nelson**

- Chair, Specialty Board, Anaesthesia & Intensive Care

**Dr Paul Ramphal**

- Faculty, Acute Cardiac Life Support Course, Ministry of Health

**Dr Christopher Rose**

- Vice President, Jamaica Association of Sports Medicine
- Consultant, National Sports Medicine Clinic

**Dr Marinna Scarlett**

- President, Jamaica Anaesthetists Association
- Member, Curriculum Committee, FMS, Mona

**Dr Hal Shaw**

- President, Caribbean Association of Otolaryngologists

**Dr Wayne West**

- Member, Curriculum Committee, FMS, Mona

**CATEGORIES OF STUDENTS**

**Undergraduate**

283 medical undergraduates rotated through the Department during the year. 13 of 15 were successful in the MB BS Stage II Part IV repeat examination in November/December 2001, and 74 of 76 were successful in the May/June 2002 examination.

**Graduate**

There were 90 graduate students (residents) registered in the DM programmes of the Department; 27 in DM Surgery (19 DM Part I, 8 DM General Surgery), 7 DM Orthopaedics, 4 DM Otolaryngology, 2 DM Urology, 5 DM Neurosurgery, 2 DM Cardiothoracic Surgery, 4 DM Paediatric Surgery, 8 in DM Radiology, 19 in DM Anaesthesia & Intensive Care, and 12 in DM Emergency Medicine.

The following graduate students were awarded DM degrees:

**Dr St Clair Clarke** – DM Surgery

**Dr Joseph Plummer** – DM Surgery

**Dr Basil Brown** – DM Surgery (Paediatric Surgery)

**Dr Rory Dixon** – DM Surgery (Orthopaedics)

**Dr Winston Phillips** – DM Surgery (Orthopaedics)

**Dr Richard Mayhew** – DM Surgery (Urology)

**Dr Nigel Boothe** – DM Emergency Medicine

**Dr Rhonda Hutson** – DM Emergency Medicine

**Dr Elizabeth McLaughlin** – DM Emergency Medicine

**Dr Hugh Wong** – DM Emergency Medicine  
**Dr Richard Augier** – DM Anaesthesia  
**Dr Jackie Deans-Minott** – DM Anaesthesia  
**Dr Moe Win Tha** – DM Anaesthesia  
**Dr Leighton Wynter** – DM Anaesthesia  
**Dr Peter Jolly** – DM Radiology

## **DISTINGUISHED VISITORS**

**Dr Keith Candiotti**, University of Miami/Jackson Memorial Hospital  
**Professor Julius Stoller**, University of British Columbia, Vancouver  
**Mr. Richard Milner**, University of Newcastle upon Tyne, England  
**Dr John Collins**, University of Ottawa, Canada  
**Dr Peter Freeland**, St John's Hospital  
**Professor Paul Steinbok**, University of British Columbia, Vancouver.  
**Professor Felix Durity**, University of British Columbia, Vancouver  
**Dr Gordon Hunter**, St Michaels Hospital, Toronto  
**Dr Adolfo Llinas Bogota**, Columbia  
**Professor James Richardson**, Institute of Orthopaedics, Oswestry, England  
**Professor Paul Steinbok**, University of British Columbia, Vancouver  
**Professor Felix Durity**, University of British Columbia, Vancouver  
**Professor Renn Holness**, Dalhousie University, Nova Scotia  
**Professor Dhiraj Shah**, Albany Medical College, New York  
**Mr. David Rosin**, St Mary's Hospital, London  
**Dr David Gough**, Royal Manchester Children's Hospital, England

**Professor Hans Uthoff**, Ottawa General Hospital, Canada