THE DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY

WORK OF THE DEPARTMENT

The Department of Community Health and Psychiatry provides undergraduate and post graduate instruction in public health, family medicine and psychiatry. Clinical services include primary health care services delivered at the Hermitage August Town Community Health Centre and adult, child and adolescent in-patient, outpatient and community mental health services provided by the psychiatric-psychologist team. Faculty co-authored 52 peer-reviewed papers (2 with students), one book chapter, a technical report and 15 abstracts. Journal impact factors (IF) averaged 2.76 (range: 0.0–55.873). Per capita peer reviewed publications was 1.93.
UNDERGRADUATE PROGRAMME

The Department coordinates nine courses in the undergraduate medical/dental curriculum across all five years of the programme (Table 1). The increase in class sizes from around 250 to over 350 has created many logistical challenges to accommodate the increased rotation sizes. The acquisition of a 28 seater bus this year has been a great assistance, however rentals are still necessary as we provide community based public health and clinical experience for two disciplines in three clinical years.

Table 1: Undergraduate courses coordinated by the Department of Community Health & Psychiatry

<table>
<thead>
<tr>
<th>Undergraduate Courses Taught – 2014-15</th>
<th>UWI FMS</th>
<th>Spartan/Other non-UWI, non FMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDSC 1202: Introduction to Medical Practice</td>
<td>366</td>
<td></td>
</tr>
<tr>
<td>MDSC 1203: Health Care Concepts</td>
<td>368</td>
<td></td>
</tr>
<tr>
<td>MDSC 2105: Health &amp; the Environment</td>
<td>384</td>
<td></td>
</tr>
<tr>
<td>MDSC 3104: Health Services Management</td>
<td>344</td>
<td></td>
</tr>
<tr>
<td>MDSC 3200: Understanding Research</td>
<td>356</td>
<td>6</td>
</tr>
<tr>
<td>MDSC 3203: Aspects of Family Medicine</td>
<td>302</td>
<td></td>
</tr>
<tr>
<td>MDSC 4002: Year Four Community Health (Public Health)</td>
<td>244</td>
<td></td>
</tr>
<tr>
<td>MDSC 4011: Year Four Psychiatry</td>
<td>245</td>
<td>12</td>
</tr>
<tr>
<td>MDSC 5002: Final Year Community Health (Family Health)</td>
<td>260</td>
<td>6</td>
</tr>
<tr>
<td>FD 12A: Medicine, Health and Technology (Health &amp; Disease in the Caribbean)</td>
<td></td>
<td>600</td>
</tr>
</tbody>
</table>

1. Foundation course for UWI undergraduates not registered in the Faculty of Medical Sciences
The Faculty of Medical Sciences supported improvements to the Seaview Gardens, Denham Town and Lawrence Tavern Health Centres (Kingston and St Andrew Health Department, KSAHD) to expand the number of sites available for placement of final year students. The accreditation of regional hospitals for in-patient clinical rotations and establishment of off-campus housing have also benefitted the fourth year rural rotation in public health. We however need to continue to improve on-campus teaching spaces in both sections of the department to comfortably seat the larger groups. Off-site hosts are also stretched to accommodate these larger groups.

POSTGRADUATE PROGRAMMES

Master of Public Health, MPhil/PhD (Public Health) and Doctorate in Public Health

The Department delivers postgraduate programmes at the masters and doctoral level. The MPhil/PhD in public health is a research programme, while the doctorate in public health (DrPH) is an executive mixed methods programme of courses, practical experience and research aimed at developing the next generation of public health leaders. Options for persons pursuing the master of public health (MPH) include the general degree or specialty tracks in health education/health promotion; health management\(^2\) and the latest offering, gerontology. To address the changing needs of our target group, effective with the 2014–15 academic year, MPH lectures are now offered from 2–9pm (instead of 8:30 am–5:00pm). Coincidentally, we observed a doubling of intake over the previous year.

Diploma and Doctor of Medicine (DM) in Family Medicine and DM in Psychiatry

Clinical training programmes include a diploma with the option to continue to the doctor of medicine (DM) in family medicine and a DM in psychiatry. Both clinical programmes at Mona are delivered in concert with the School of Clinical Medicine and Research, UWI, Bahamas,
with annual examinations rotating between the two sites. No psychiatry residents were registered in the Bahamas this year however. Table 2 shows the 2014–15 enrolment and those slated to graduate in November 2015.

**Table 2:** Post graduate students – Community Health and Psychiatry 2014–2015

<table>
<thead>
<tr>
<th>Categories of students</th>
<th>Number registered 2014–2015</th>
<th>To graduate Nov 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD Public Health</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>Doctorate of Public Health (DrPH)</td>
<td>33</td>
<td>2</td>
</tr>
<tr>
<td>Master of Public Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– General</td>
<td>14</td>
<td>8</td>
</tr>
<tr>
<td>– Health Education/Health Promotion</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>– Health Management²</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>– Gerontology</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Diploma in Public Health³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Health Management²</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>– Gerontology</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Diploma in Family Medicine (Years 1–2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Bahamas</td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td>– Mona</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>DM Family Medicine (Years 3–4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Bahamas</td>
<td>9</td>
<td>4</td>
</tr>
<tr>
<td>– Mona</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>DM Psychiatry (years 1–4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total post-graduates</td>
<td>130</td>
<td>37</td>
</tr>
</tbody>
</table>

² In collaboration with the Mona School of Business.
³ Option for students with prior MPH seeking the added competencies offered in these specialty tracks.
CLINICAL SERVICES

The Community Health Centre serves 16 communities in collaboration with the KSAHD. From July 2014 to June 2015 staff saw 13,861 clients; 7,805 for curative services (screening, health promotion, general medical care, hypertension-diabetes care, dressings other acute care) and 6,056 for preventive services (family planning, cervical cancer screening, antenatal, postnatal, well-baby care). This is an 8.2% increase over last year, aided by the rotation of seven senior house officers through the health centre since January 2015. Other services including community mental health, counselling and social work intervention; disease surveillance; health promotion; and birth and death registration. Psychiatry provides adult in-patient and out-patient psychiatric services, specialized services for children and adolescents, forensic services, and day treatment for persons with drug dependency.

INTERNATIONAL SERVICE

Faculty serve on global expert panels, advisory committees and as peer reviewers for a range of international academic journals, including the *West Indian Medical Journal*.

**Professor Wendel Abel**

- Expert Panel: Strategic and Regional Action Plan for Mental Health (PAHO)
- Advisory Committee: The Training and Certification Program for Drug and Violence Prevention, Treatment, and Rehabilitation (PROCCER; OAS)
- Peer Reviewer: *Ethnicity and Inequalities in Health and Social Care; West Indian Medical Journal*

**Dr Colette Cunningham-Myrie**

- Committee Member: Caribbean Regional Epidemiology and Laboratory Training Programme (CDC/PAHO/CARPHA)
– Peer Reviewer: *BMC Public Health; International Journal of Diabetes in Developing Countries; West Indian Medical Journal*

**Professor Denise Eldemire-Shearer**
– Editorial Board Member: *West Indian Medical Journal*

**Professor John Peter Figueroa**
– Chair: WHO SAGE working group on Measles/Rubella
– Chair: WHO SAGE working group on Poliomyelitis
– Chair: PAHO Technical Advisory Group (TAG) on vaccine preventable diseases
– Chair: Caribbean Expanded Program of Immunization (EPI) managers’ annual meeting
– Member: WHO Strategic Advisory Group of Experts (SAGE) on vaccine preventable diseases, Geneva, Switzerland.
– Member: WHO International Health Regulations Roster of Experts (Poliomyelitis)
– Member: UNAIDS Scientific Expert Panel
– Member: PANCAP Priority Areas Coordinating Committee (PACC)
– Editorial Advisory Board: *West Indian Medical Journal*
– Peer Reviewer: Various international journals; *West Indian Medical Journal*

**Dr Roger Gibson**
– Member: Section on Conflict Management & Resolution, World Psychiatric Association
– Editorial Board Member: Clinical Medicine: Case Reports (publisher: Libertas Academica)
– Peer Reviewer: *BMC International Health & Human Rights; BMC Psychiatry; Journal of Pediatric Hematology and Oncology; PLoS One; Psychology, Health & Medicine; West Indian Medical Journal*
Ms Joy Harrison
- Member: Inter-American Drug Abuse Control Commission (CICAD) and Centre for Addiction and Mental Health (CAMH)

Dr Desmalee Holder-Nevins
- Member: International Union of Health Promotion and Education (IUHPE)
- Editorial Board: North American Regional Organization of IUHPE

Professor Maria Jackson
- Corresponding member: Global Burden of Disease (GBD) Project (WHO, Gates Foundation and World Bank): Nutrition Expert Group
- Member: African-Caribbean Cancer Consortium (AC3) Research Review Committee
- Member: American Association for Cancer Research
- Member: American Society of Nutrition
- Member: Minorities in Cancer Research
- Editorial Board Member: Ethnicity and Health
- Peer Reviewer: BMC Public Health; Cancer Causes and Control; Clinical and Experimental Metastasis; Genes and Nutrition; Nutrition and Cancer; British Journal of Nutrition; Nutrition Journal; Public Health Nutrition; The Prostate

Dr Samantha Longman-Mills
- Research Committee: CICAD-CAMH International Research Capacity Building Program Alumni Association
- Peer reviewer: International Journal of Child and Adolescent Resilience

Professor Affette McCaw-Binns
- Member: World Health Organization, Maternal Morbidity Working Group
– Member: Human Resources for Health (HRH) Technical Working Group, PAHO

– Peer Reviewer: Annals of Medical and Health Sciences Research; BMC Pregnancy and Childbirth; BMC Health Services Research; British Journal of Obstetrics and Gynaecology; International Journal of Gynecology and Obstetrics; West Indian Medical Journal

Dr Kathryn Mitchell-Fearon

– Member: International Consortium on Healthcare Management (PAHO, International Hospital Federation, American College of Health Care Executives)

– Member: Human Resources for Health (HRH) Technical Working Group, PAHO

Dr Kai Morgan

– Peer Reviewer: Caribbean Journal of Psychology; International Humanities Review; Journal of Black Psychology

Dr Tana Ricketts-Roomes

– Vice President: Caribbean College of Family Physicians

Dr Henroy Scarlett

– Member: National Environmental Health Association, USA

Dr Kristen Smith

– Treasurer: Caribbean College of Family Physicians

Dr Aileen Standard Goldson

– Executive member: University of the West Indies Alumni Association Jamaica Chapter

– Executive member: Caribbean College of Family Physicians Regional Board
PUBLIC SERVICE

Faculty sit on a range of technical and advisory groups for government agencies, non-governmental organizations and hold leadership positions in professional organizations.

Professor Wendel Abel
- Chair: National Council and Drug Abuse

Mrs Althea Bailey
- Chair: The Jamaica Red Cross Adolescents at Risk Advisory Committee
- Board member: Jamaica AIDS Support for Life
- Committee member: Integrated Youth services
- Member: Ministry of Health/ National HIV Programme Technical Working Group

Dr Paul Brown
- UWI Chikungunya Response: Public Education Sub-Committee
- Family Physician: Department of Community Health and Psychiatry health centre

Dr Colette Cunningham-Myrie
- Honorary Secretary: Medical Association of Jamaica
- Member: Essential National Health Research Committee, Ministry of Health, Jamaica
- Member: Ministry of Health Working Group for Research on Chikungunya Fever in Jamaica
- Volunteer physician: Diabetes Association of Jamaica
- Member: Caribbean College of Family Physicians (Jamaica Chapter)

Professor Denise Eldemire-Shearer
- Patron: National Council for Senior Citizens
– Chairman: Board of Supervision, Ministry of Local Government/Community Development
– Chairman: Caribbean Community of Retired Persons
– Member: Central Health Committee, Ministry of Health
– Member: Medical Association of Jamaica

Professor J Peter Figueroa
– Director: Epidemiology Research and Training Unit, 22 Slipe Pen Road, Kingston, Jamaica

Dr Roger Gibson
– Member: Jamaica Psychiatric Association
– Member: Medical Association of Jamaica

Ms Joy Harrison
– Member: Jamaica Association of Social Workers

Dr Desmalee Holder-Nevins
– Executive Board Member: North Jamaica Conference of Seventh Day Adventists
– Member: Jamaica Association for Health Education and Promotion (JAHEP)

Professor Maria Jackson
– Board member: St Richard Early Childhood Education Institution

Dr Hazel Laws
– Member: Caribbean College of Family Physicians (Jamaica Chapter)
– Member: Medical Association of Jamaica

Dr Samantha Longman-Mills
– Executive Committee member and Director of Advocacy: Jamaican Psychological Society
– Member: Juvenile Correctional Centre Board of Visitors
Dr Gillian Lowe
– Child Psychiatrist: Glen Vincent Health Centre, Child Guidance Clinic
– Member: Jamaica Psychiatric Association
– Member: Medical Association of Jamaica
– Member: Paediatric Association of Jamaica
– Member: The Rotary Club of Kingston

Dr Kerriann Mahlee
– Member: Medical Association of Jamaica
– Volunteer: Food for the Poor
– Volunteer: Salvation Army

Prof Affette McCaw-Binns
– Member: National Maternal Mortality Surveillance Committee, Ministry of Health

Dr Kai Morgan
– Executive Board: Grata Foundation
– Vice-President: Jamaican Psychological Society
– Member: Caribbean Sexuality Research Group

Dr Tana Ricketts-Roomes
– Member: Association of General Practitioners
– Member: Medical Association of Jamaica
– Medical Advisor: St Hugh’s Preparatory School
– Volunteer: Hanover Street Baptist Church Outreach Programme

Dr Henroy Scarlett
– President: Jamaica Occupational Health Professionals Association.
– Executive Council: Jamaica Association of Public Health Inspectors
– Member: National Oversight Committee, Ministry of Health Wastewater Systems Evaluation Project
Dr Kristen Smith
– Member: Medical Association of Jamaica

DISTINCTIONS, HONOURS, SCHOLARSHIPS AND AWARDS

UWI Medical Alumni Association – Prize for the Best Presentation by a medical student. Faculty of Medical Sciences 23rd Annual Research Conference.


PUBLICATIONS

Faculty authored 52 peer reviewed journal articles; one book chapter; one technical report and 15 published abstracts. Another 17 presentations were made at scientific and technical meetings. Ten papers and a book chapter were written by the psychiatry team, while 30 papers and one technical report were by the community health team. Two papers were inter-disciplinary efforts across both sections of the department. Students were lead authors on two papers and seven abstracts.

The per capita output was 1.93 (community health: 1.88, psychiatry: 2.30). The papers were accepted in journals with a range of impact factors (IF) from unrated (0.0) to 55.873. The mean was only 2.76 however (community health – 4.34; psychiatry – 0.21) as 23 papers were in unrated journals, while seven were in journals with IFs below one. The IF for the West Indian Medical Journal (four papers) fell to 0.28 in 2014. As a new journal, West Indian Medical Journal Open (16 papers) is unrated (IF=0.0).
PEER REVIEWED JOURNAL ARTICLES

Joint Community Health and Psychiatry


Community Health


- Bailey A, Figueroa JP. A conceptual framework for sex work and HIV risk in a Caribbean country *Archives of Sexual Behavior* 2015 April (online); 44 (4) DOI 10.1007/s10508-014-0449-1. IF – 3.53.

- Bennett NR, Ferguson TS, Bennett FI, Tulloch-Reid MK, Younger-Coleman NOM, Jackson MD, Samms-Vaughan ME and Wilks RJ. High-sensitivity C-reactive protein is related to central obesity and the number of metabolic syndrome components in Jamaican young adults. *Frontiers in Cardiovascular Medicine* 2014; 1:12. doi: 10.3389/fcvm.2014.00012. IF – 0.00.

- Collins-Fairclough AM, Dennis AM, Nelson JA, Weir SS, Figueroa JP. HIV drug resistance surveillance among Jamaican men who have sex with men should be prioritized for reducing HIV transmission.


• McCaw-Binns AM, Mullings JA, Holder Y. Vital registration and under-reporting of maternal mortality in Jamaica. International


**Student Led**


**Psychiatry**

• Atkinson U, Abel WD, Whitehorne-Smith P. Current trends in


• Morgan AN, Whitehorne-Smith P, Coore A, Simms L, Abel WD, Gilbert DT. The prevalence of depression among medical inpatients at the University Hospital of the West Indies, Jamaica. West Indian Medical Journal Open 2015; 33-35. DOI: 10.7727/ wimjopen.2014.267. IF – 0.00.


• Sewell CA, Hickling FW, Abel WD, Smith S, Paisley V, Martin J,


**Student Led**


**BOOKS/ CHAPTERS IN BOOKS**

TECHNICAL REPORTS


PUBLISHED ABSTRACTS AND POSTERS


Student led


• Asemota O, Eldemire-Shearer D, Waldron NK, Standard-Goldson


**OTHER PRESENTATIONS**


- **Campbell N.** Climate change and occupational health exposure in tropical settings. Jamaica Association of Public Health Inspectors
68th annual conference and exhibition. Jewel Runaway Bay Beach and Golf Resorts, St Ann, Jamaica, October 2014.


- Longman-Mills S. Drug Research in the Caribbean: The CICAD-


- **Scarlett HP.** Chikungunya outbreak in Jamaica. The Kentucky Association of Milk, Food and Environmental Sanitarians. Lexington, Kentucky, USA. February 2015.

