

DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY



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Head of Department

WORK OF THE DEPARTMENT

The Department of Community Health and Psychiatry provided undergraduate and post graduate instruction in public health, family medicine and psychiatry; collaborates with the Faculty of Science and Technology to deliver courses in occupational and environmental health and with the Faculty of Social Sciences in psychology instruction. Clinical services include ambulatory primary health care delivered at the Hermitage August Town Community Health Centre, and adult in-patient and out-patient psychiatric services, specialized services for children and adolescents, forensic services, and day treatment facilities to rehabilitate persons with drug dependency. Faculty published 40 peer-reviewed papers, 4 book chapters, 14 abstracts, participated in 56 presentations at scientific meetings and provided technical advice,

voluntary service and held leadership positions in professional organizations, local, regional and international organizations.

The department convened a strategic development meeting in April 2013 to seek faculty and staff consensus on the department's direction and to ensure that current and future activities would be consistent with the strategic objectives outlined by the University of the West Indies. Faculty and staff agreed on a **vision** for the department that it should *produce academic pioneers and leaders in public and mental health in the Caribbean* as part of its **mission** *to improve social, mental and physical health by enabling solutions to Caribbean and global health challenges, through effective management and leadership, excellence in teaching, innovative research and public service.*

UNDERGRADUATE PROGRAMME

Department faculty delivered five pre-clinical undergraduate courses to medical and dental students while clinical training was restricted to medical students. Community health rotations occurred in years 3, 4 and 5 and psychiatry rotations in years 3 and 4. With the growth in class sizes, various strategies have been devised to accommodate the increasing numbers for the primary care urban and rural rotations and also on the psychiatry ward. Efforts are underway to install video equipment to enable lectures to be transmitted between the two available psychiatry classrooms to address the problem of crowding on the ward. Another rural site (Westmoreland) has been added for exposure of fourth year students to public health for a total of eight parishes for the two week rural primary care experience.

Final year medical students are assigned to eleven primary care facilities for three weeks of clinical exposure to ambulatory patients. Space constraints make it difficult for each facility to accommodate more than two students per rotation. Primary care staff advised that they are receiving increased requests for field experience for not only medical students, but also under-graduate and graduate nursing, midwifery and pharmacy students among others, which reduces the efficiency with which they can deliver their routine services.

The larger class size is also impacting the quality of field visits and some sites/institutions, e.g. Family Court, and the Hope Oncology Unit, have been experiencing difficulties seating the larger groups. Transportation is also challenging as the department's vehicles only seat 14 and 15 students each. With rotations now averaging 25–30 students, this has required multiple trips, use of the Dean's office bus, and private rentals.

MASTER OF PUBLIC HEALTH

Enrollment in the Master of Public Health course continues to face competition as similar courses are offered at other UWI campuses (Cave Hill, St Augustine) as well as Northern Caribbean University and the University of Technology. Intake in 2012–13 declined 43% to 17 new students, 14 full-time, three part-time. Efforts are advanced to introduce a specialty track in Health Systems Management, in collaboration with the Mona School of Business. This will complement the general programme and provide an additional option to the Health Education/Health Promotion track.

MPhil /PHD (PUBLIC HEALTH) AND DOCTORATE IN PUBLIC HEALTH (DRPH)

Eight students were enrolled in the MPhil/PhD in 2012–13. The DrPH had 22 registered students in years 2–4 as there was no intake in 2012–13. There were no graduates from either programme.

Family Medicine

The Family Medicine Programme is offered from four UWI campuses; namely, Mona, Cave Hill, St. Augustine and the Bahamas School of Clinical Medicine which was administratively linked to Mona in 2010 while Cave Hill supervises students from the Eastern Caribbean. Mona/Bahamas offer the Diploma in Family Medicine after two years, with the option to continue to complete the four-year Doctor of Medicine

(DM) in Family Medicine. Of 11 Diploma candidates sitting the end of year examination from Mona and the Bahamas, seven graduated with the Diploma in Family Medicine, two with distinction. Five persons were enrolled in the DM; there were no graduates.

Psychiatry

Ten candidates were enrolled across the four years of DM psychiatry programme and one graduated.

Other programmes

The joint University of Alabama at Birmingham (UAB) – University of the West Indies summer course Infectious Disease Control and Surveillance (40 hours) resumed after a three year suspension. It is intended to allow MPH students and practitioners from both centres to learn together and share experiences while exposing UAB students to health conditions in a Caribbean setting. The course ran from July 21–31, 2013 with 11 students (7 from UAB, 3 from UWI MPH class and 1 PHI from St. Catherine). Highlights included a workshop for persons living with HIV/AIDS at the Spanish Town Hospital and a community survey of Gregory Park by the Water/Sanitation group.

CLINICAL SERVICES

Clinical services are offered by the Hermitage August Town Health Centre, a Type 3 Primary Care Centre in Zone 6 of the Kingston and St Andrew Health Department (KSAHD), serving twelve communities. The KSAHD staffs the preventive services, while the Section of Community Health is responsible for the curative services. Between August 2012 and July 2013 over 8,800 visits were made for curative and 6,400 for preventive services. Curative services include screening, health promotion, general medical care, hypertension-diabetes care, dressings and other acute care. Preventive services include family planning, cervical cancer screening, antenatal, postnatal and well-baby care, including immunizations.

The section of Psychiatry provided adult in-patient and out-patient psychiatric services, specialized services for children and adolescents, forensic services, and day treatment care for persons with drug dependency.

PAPERS PRESENTED

- **Abel W.** Community Mental Health – 36th Annual Conference of The Nurses’ Association of The Commonwealth of The Bahamas, November, 2012.
- **Abel W.** Psychological First Aid Workshop (PAHO/Ministry of Health) – March 2013.
- **Abel W.** Advances in Treating Depression – Medical Association, Bahamas. June 2013.
- **Bailey A.** Sexual Health in Adolescents. Ministry of Health/ PAHO/UWI Adolescent Health Workshop, November 16, 2012.
- **Campbell NE.** Current and future exposures to Engineered Nanomaterials and products: Is there cause for concern by Public Health Inspectors? Jamaica Association of Public Health Inspectors (JAPHI) Annual Conference, Montego Bay, St. James: October 23–25, 2012.
- **Campbell NE.** The Draft OSH Act: Imperatives for Enactment and Successful Implementation. Jamaica Occupational Health Professionals Association’s (JOHPA) Quarterly Seminar, November 22, 2012.
- **Cunningham-Myrie C, Mabile E, Govia I, Younger N, Tulloch-Reid M, McFarlane S, Francis D, Gordon-Strachan G, Wilks R, Theall K.** Allostatic load in Jamaicans: Sex differences and variability across neighbourhoods. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O55 [*Oral Presentation*]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013
- **Cunningham-Myrie C.** Managing Diabetes in Jamaica: Is a different approach needed for men versus women? Fulbright Academy Annual Conference, Montego Bay, Jamaica, May 25–27, 2013.

- Jarrett S, White Z, **De La Haye W**, Duncan J, Harvey K. Traumatic life events (TLE), symptoms of post-traumatic stress disorder (PTSD), and their impact on ART adherence in HIV treatment sites in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington DC, USA. *Journal of the International AIDS Society* 2012 Oct 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- Jarrett S, White Z, **De La Haye W**, Duncan J, Harvey K. Quantitative Assessment of Mental Health Care Needs Among HIV & STI Patients Attending Public Clinics in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington D.C., U.S.A. *Journal of the International AIDS Society* 2012 Oct; 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- Gough H, **De La Haye W**, NohS, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Family Relations, Peer Influence and Spirituality in Impacting the Use of Illicit Drugs Such as Cannabis Among Students in One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 33.
- Mitchell R, **De La Haye W**, NohS, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Demographics and Social Factors in the use of Licit Drugs among University Students from One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence” Abstracts 2012 Sept; p 32.
- Mitchell R, **De La Haye W**, Noh S, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Family Relations, Spirituality and Entertainment in Moderating the Relationship between Peer Influence and Drug Use among Students from One University in Kingston, Jamaica. OAS/CICAD Scientific

Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 34.

- **Eldemire H.** Motivational Interviewing for Substance Abuse. CICAD-OAS Training and certification programme on drug and violence prevention, treatment and rehabilitation, February, 2013.
- **Eldemire-Shearer D.** The Ageing of Jamaica and its Implications for the next 50 years. SALISES 50/50 Conference, August 2012.
- **Eldemire-Shearer D.** Stanley Brooks Memorial lecture on Alzheimer's Disease. Jamaica Association of Clinical Pathologists (JACP) Annual Conference, Knutsford Court Hotel, November 4, 2012.
- **Eldemire-Shearer D.** Overview of Ageing. Age Friendly Guidelines for Care in Primary Health Care four days' Workshop, Bahamas, November 27–December 1, 2012.
- **Eldemire-Shearer D.** Clinical Aspects & Assessments. Age Friendly Guidelines for Care in Primary Health Care four days' Workshop, Bahamas, November 27–December 1, 2012.
- **Eldemire-Shearer D.** Age-Friendly Primary Health Care clinical Toolkit. Age Friendly Guidelines for Care in Primary Health Care four days' Workshop, Bahamas, November 27–December 1, 2012.
- **Eldemire-Shearer D.** Vascular Dementia. Heart Foundation of Jamaica's Medical Symposium, Knutsford Court Hotel, February 19, 2013.
- **Eldemire-Shearer D.** Preliminary Findings presented at the National Survey Caribbean Community of Retired Persons (CCRP) 3rd Annual Conference, Chinese Benevolent Association, April 20, 2013.
- **Eldemire-Shearer D.** The Aging Jamaican population: Health of Older Persons. Advancements in Medicine and Healthcare Conference, Teaching and Research Complex, Faculty of Medical Sciences, UWI, April 26, 2013.
- **Eldemire-Shearer D.** Ageing in the Caribbean (An Overview). The Canada-Caribbean Exploratory Meeting to Establish Partnerships

on Alzheimer's disease and related dementias, Hilton, Barbados, April 30–May 01, 2013.

- **Eldemire-Shearer D.** Alzheimer's disease and dementias. The Canada-Caribbean Exploratory Meeting to Establish Partnerships on Alzheimer's disease and related dementias, Hilton, Barbados, April 30–May 01, 2013.
- **Eldemire-Shearer D.** Epidemiology and public health burden of Alzheimer's Disease. Caribbean College of Family Physicians Workshop, Alhambra Inn Hotel, May 19, 2013.
- **Eldemire-Shearer D.** Disasters and Older persons presented at the International Federation on Ageing Workshop on Older Persons at Cameroon on May 27–28, 2013.
- **Eldemire-Shearer D.** Psychological & Health Aspect of Retirement (Quality of Life) presented at the WIGUT Retirement Brunch on Alhambra Inn & Restaurant.
- **Figueroa JP.** The role of local health research in guiding the HIV response in Jamaica. Panel on Jamaica's Post Independence Health Development at the UWI 50/50 conference. Kingston, Jamaica, 22 August 2012.
- **Figueroa JP.** Weir SS. Results of MSM and sex worker surveys in Jamaica 2011–2012. USAID, Washington DC, USA, 19 September 2012.
- **Figueroa JP.** The Caribbean experience in vaccine decision-making. Vaccine decision-making conference. Merieux Foundation, Montreaux, France, 28 November 2012.
- **Figueroa JP.** An overview of the HIV epidemic and response in the Caribbean. Keynote address, HIV research symposium, Barbados, 3 December 2012.
- Weir SS, **Figueroa JP.** The PLACE method. Measure/Evaluation Global Webinar, University of North Carolina, 27 February 2013.
- Jackson S, Nagassar, RP, James K, **Gibson R**, Rhoden T. Evaluation of rapid HIV antibody assays in the diagnosis of neurological HIV.

- International Conference on Central Nervous System Drug Effects and Novel Drug Developments, Philadelphia, September 5–7, 2012.
- Lowe GA, Lipps G, **Gibson RC**, Halliday S, Morris A, Clarke N, Wilson RN. Neighbourhood factors and depression among adolescents in four Caribbean countries. 10th Annual Psychology Conference, University of the West Indies – Mona, February 21, 2013.
 - Iballaboh H, De La Haye W, **Gibson R**, Abel WD. Co-occurring substance misuse in clients presenting to a psychiatric unit in a general hospital in Jamaica. 21st European Congress of Psychiatry, Nice, France, April 6–9, 2013.
 - **Jackson MD**, Tulloch-Reid MK, Bennett FI, Coard KC, McFarlane-Anderson N. Is calcium associated with prostate cancer in Jamaican men? 58th Annual Scientific Meeting of the Caribbean Public Health Agency. Barbados. *West Indian Medical Journal* 2013; 62(Suppl.2):48.
 - **Jackson M**, Tulloch-Reid M, Bennett F, Lindsay C, Smith G, McFarlane-Anderson N, Coard K. Invited presentation: Associations of circulating vitamin D and calcium with risk of prostate cancer in Jamaican men. Research on Cancer Epidemiology: Risk Factors and Control in the Caribbean basin. Biostatistics and Bioinformatics Core of the UPR-MDACC Partnership for Excellence in Cancer Research program. Isla Verde, San Juan, Puerto Rico, February, 2013.
 - **Longman-Mills S**, De La Haye W, Mann R, Sapag J, Hamilton H, Erickson P, Khenti A, Brands B, Giesbrecht N, Wright G, Cumsille F. Maltreatment During Childhood and its Relationship with Drug Abuse Among Select University Students in Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 13.
 - **Lowe GA**, Lipps G, **Gibson RC**, Halliday S, Morris A, Clarke N, Wilson RN. Neighbourhood factors and depression among adolescents in Four Caribbean Countries. 10th Annual Psychology Conference, University of the West Indies – Mona, February 21, 2013.
 - **Lowe GA**, Lipps G, **Gibson RC**, Halliday S, Morris A, Clarke N, Wilson RN. Parenting and neighbourhood factors and depression

among adolescents in Four Caribbean countries. The Jamaica Psychiatry Association Conference, University of the West Indies – Mona, August, 2013.

- **Martin JS.** Depression. Astra Zeneca Pharmaceutical Company. Terra Nova Hotel. October 14, 2012.
- **McCaw-Binns A, Mullings J.** From Nairobi to Arusha: Responding to 30 years of maternal mortality surveillance in Jamaica. Second Global Maternal Health Conference. Maternal Health Task Force: Harvard School of Public Health. January 15–17, 2013 Arusha, Tanzania.
- **McCaw-Binns A, Mullings J, Holder Y.** Measuring perinatal and under-five mortality in Jamaica: Quality and completeness of vital data *West Indian Medical Journal* 2013; 62 (Suppl 2): O53, Caribbean Health Research Conference 2013, Bridgetown, Barbados.
- **McCaw-Binns A.** The contribution of community midwifery to safe motherhood in 20th century Jamaica and challenges for the 21st century. First biennial nursing midwifery research conference. University of Technology, Jamaica, Caribbean School of Nursing. August 15–16, Kingston, Jamaica.
- **McCaw-Binns A.** Linkages between maternal, neonatal and child health (MNCH) and violence against women: gender and MNCH. International Conference on maternal, newborn and child health in Africa. August 1–3, 2013, Johannesburg, South Africa.
- **Scarlett HS.** The Environmental Health Officer: His work, successes, and challenges. New Frontiers in Medicine & Health Care Delivery. Medical Association of Jamaica Symposium 2013. Jamaica Pegasus Hotel, Kingston, June 7–9, 2013.
- **Scarlett HS.** Health promotion at the workplace. Ministry of Labour and Social Security, OSH Day Symposium. April 26, 2013.
- **Scarlett HS.** (Keynote Speaker). Time to focus on occupational health issues of health care workers. Clarendon Health Services Inaugural Staff Health & Wellness Expo, May Pen Hospital. April 30, 2013.

- **Sewell CA.** In Search of the Jamaican Paedophile. Jamaica Psychiatric Association Conference, August 12, 2012.
- **Sewell CA.** Coping with Lupus. Lupus Foundation of Jamaica Conference, October 28, 2012.
- **Sewell CA.** Mental Illness and Violence in Jamaica. Black Psychiatrists of America Conference, November 12, 2012.

Other International Meetings

- **Iballaboh H, De La Haye W, Gibson R, Abel W.** Co-occurring substance misuse in clients presenting to a psychiatry unit in a general hospital in Jamaica. 21st European Congress of Psychiatry, Nice, France. *European Psychiatry* 2013; 28 Suppl 1. Abstracts of the 21st European Congress of Psychiatry.
- **Jarrett S, White Z, De La Haye W, Duncan J, Harvey K.** Traumatic life events (TLE), symptoms of post-traumatic stress disorder (PTSD), and their impact on ART adherence in HIV treatment sites in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington DC, USA. *Journal of the International AIDS Society* 2012 Oct 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- **Jarrett S, White Z, De La Haye W, Duncan J, Harvey K.** Quantitative Assessment of Mental Health Care Needs Among HIV & STI Patients Attending Public Clinics in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington D.C., U.S.A. *Journal of the International AIDS Society* 2012 Oct; 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- **Longman-Mills S, De La Haye W, Mann R, Sapag J, Hamilton H, Erickson P, Khenti A, Brands B, Giesbrecht N, Wright G, Cumsille F.** Maltreatment During Childhood and its Relationship with Drug Abuse Among Select University Students in Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence” Abstracts 2012 Sept; p 13.

- Gough H, De La Haye W, Noh S, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Family Relations, Peer Influence and Spirituality in Impacting the Use of Illicit Drugs Such as Cannabis Among Students in One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 33.
- Mitchell R, De La Haye W, Noh S, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Demographics and Social Factors in the use of Licit Drugs among University Students from One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence” Abstracts 2012 Sept; p 32.
- Mitchell R, De La Haye W, Noh S, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Family Relations, Spirituality and Entertainment in Moderating the Relationship between Peer Influence and Drug Use among Students from One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” *Abstracts* 2012 Sept; p 34.

PUBLICATIONS

Chapters in Books

- Longman-Mills S. Emotional-social intelligence among adolescents in Jamaica. P126. In: *Commonwealth Health Partnerships* 2013. London: Commonwealth Secretariat. http://www.commonwealthhealth.org/ebook/CHP13_ebook/#/2/

- **Holder-Nevins D.** Music as a source of reproductive health education among adolescents in Jamaica: Who will contextualize the issues? pp. 115–117. In: *Commonwealth Health Partnerships 2012*. Cambridge, UK: 2013 Nexus Strategic Partnerships. <http://www.commonwealthhealth.org/commonwealth-health-partnerships/commonwealth-health-partnerships-2012/social-and-cultural-determinants/>
- Aiken J, Lindo J, **Holder-Nevins D**, Pounall V, Thomas M, Baker-Reid C, Ward E. Lateral violence in nursing: the experience in two urban hospitals in Jamaica. In: Needham I, McKenna K, Kingma M, Oud N (editors). *Violence in the Health Sector. Proceedings of the Third International Conference on Violence in the Health Sector: Linking local initiatives with global learning*. Vancouver, Canada, 2012. Amsterdam: Kavanah. ISBN 978090-5740-100-8, pp 110–113.
- Lindo D, **Nevins D**, Aiken J, Pounall V, Thomas M, Reid-Baker C, Ward E. Strategies for the mitigation of workplace violence in a Jamaican hospital. In: Needham I, McKenna K, Kingma M, Oud N (editors). *Violence in the Health Sector. Proceedings of the Third International Conference on Violence in the Health Sector: Linking local initiatives with global learning*. Vancouver, Canada, 2012. Amsterdam: Kavanah. ISBN 978090-5740-100-8, pp 359–362.

Peer Reviewed Journal Articles

Joint Community Health and Psychiatry

- **Abel WD, James K, Bridgelal-Nagassar R, Holder-Nevins D, Eldemire H, E Thompson E, Sewell C.** The epidemiology of suicide in Jamaica 2002–2010: rates and patterns. *West Indian Medical Journal* 2012 Aug 61(5): 509–15.
- **Abel WD, Kestel D, Eldemire-Shearer D, Sewell C, Whitehorne-Smith P.** Mental health policy and service system development in the English-speaking Caribbean. *West Indian Medical Journal* 2012 Aug 61(5): 475–482.
- **Holder-Nevins D, James K, Bridgelal-Nagassar R, Bailey A, Thompson**

E, **Eldemire H, Sewell C, Abel WD**. Suicide among adolescents in Jamaica: What do we know? *West Indian Medical Journal* 2012 Aug 61(5): 516–520.

- **Neita SM, Abel WD, Eldemire-Shearer D, James K, Gibson RC**. The prevalence and associated demographic factors of dementia from a cross-sectional community survey in Kingston, Jamaica. *International Journal of Geriatric Psychiatry* 2013 May 2. doi: 10.1002/gps.3982

Community Health

- Anderson C, Gallo MF, Hylton-Kong T, Steiner MJ, Hobbs MM, Macaluso M, **Figueroa JP**, Jamieson DJ, Legardy-Williams J, Wiener J, Warner L. Randomized controlled trial on the effectiveness of counseling messages for avoiding unprotected sexual intercourse during STI and reproductive tract infection treatment among female STI clinic patients. *Sexually Transmitted Diseases* 2013; 40 (2): 105–110.
- Barrow GJ, Hylton-Kong T, Rodriguez N; Yasuhiro Yamamura, **Figueroa JP**. HIV-1 drug resistance in treatment naïve, chronically infected patients in Jamaica. *Antiviral Therapy* 2013 June 6. doi: 10.3851/IMP2869. [Epub ahead of print]
- Byass P, de Courten M, Graham WJ, Laflamme L, **McCaw-Binns A**, Sankoh AO, Tollman SM, Zaba B. Reflections on the Global Burden of Disease 2010 estimates. *Plos Medicine* 2013 Jul;10(7):e1001477. doi: 10.1371/journal.pmed.1001477. Epub 2013 Jul 2.
- Carter M, **Bailey A**, Snead M, Costenbader E, Townsend M, Macaluso M, Jameson D, Hylton-Kong T, Warner L, Steiner M. Exploring discordance between biologic and self-reported measures of semen exposure: A qualitative study among female patients attending an STI clinic in Jamaica. *AIDS and Behavior* 2013 Feb; 17(2):728–36.
- Carter M, Gallo M, Anderson C, Snead M, Wiener J, **Bailey A**, Costenbader E, Legardy-Williams J, Hylton-Kong T. Intra-vaginal

cleansing among women attending an STI clinic in Kingston, Jamaica. *West Indian Medical Journal* 2013 Jan; 62 (1) 56–61.

- **Figueroa JP.** Turning the tide towards an AIDS free generation: is it within reach? *West Indian Medical Journal* 2013; 62 (4): 279–281.
- **Figueroa JP,** Weir SS, Jones Cooper C, **Byfield L,** Hobbs M, McKnight I, Cummings S. High HIV prevalence among MSM in Jamaica is associated with social vulnerability and other sexually transmitted infections. *West Indian Medical Journal* 2013; 62 (4): 282–287.
- Gaskin PS, Lai P, Guy D, Knight J, **Jackson M,** Nielsen AL. Diet, physical activity, weight status and culture in a sample of children from the developing world. *Journal of Nutrition and Metabolism* 2012 Oct 30. PMID: 23193460 [Epub ahead of print]
- Graham WJ, **McCaw-Binns A,** Munjanja S. Translating coverage gains into health gains for all women and children: the Quality Care Opportunity. *Plos Medicine* 2013 Jan; 10(1): e10011368. doi: 10.1371/journal.pmed.1001368. Epub 2013 Jan 15.
- Hamilton CL, Eyzaguirre LM, Amarakoon II, **Figueroa P,** Duncan J, Carr JK, Roye ME. Analysis of protease and reverse transcriptase genes of HIV for antiretroviral drug resistance in Jamaican adults. *AIDS Research and Human Retroviruses* 2012 Aug;28(8):923–7. doi: 10.1089/AID.2011.0312.
- **Holder-Nevins D.** Health communication in the Caribbean and beyond: a reader [Book Review]. *West Indian Medical Journal* 2012; 61(6): 652.
- Hutchinson MK, Smith TK, **Waldron N,** Kahwa E, Hewitt HH, Hamilton PI, Kang SY. Validation of the Jamaican maternal sexual role modelling questionnaire. *West Indian Medical Journal.* 2012 Dec; 61(9):897–902.
- **Jackson MD,** Tulloch-Reid MK, McFarlane-Anderson N, Watson A, Seers V, Bennett FI, Egleston B, Ragin C. Complex interaction between serum folate levels and genetic polymorphisms in folate

- pathway genes: biomarkers of prostate cancer aggressiveness. *Genes and Nutrition* 2013 Mar;8(2):199–207. doi: 10.1007/s12263-012-0321-7. Epub 2012 Sep 25.
- **Jackson M**, Tulloch-Reid M, Walker S, McFarlane-Anderson N, Bennett F, Francis D, Coard K. Dietary patterns as predictors of prostate cancer in Jamaican men. *Nutrition and Cancer*, 2013; 65(3) 367–374.
 - **Jackson MD**, Tulloch-Reid MK, McFarlane-Anderson N, Watson A, Seers V, Bennett FI, Egleston B, Ragin C. Complex interaction between serum folate levels and genetic polymorphisms in folate pathway genes: biomarkers of prostate cancer aggressiveness. *Genes and Nutrition* 2013 Mar; 8(2):199–207.
 - **James K, Holder-Nevins D, Morris C, Eldemire-Shearer D, Powell J, Laws H**. Ageing in place: implications of local morbidity patterns among older persons – findings from a cross-sectional study in a developing country (Jamaica). *Australasian Journal on Ageing* 2012 Sep; 31(3):170–5.
 - Kang SY, Hutchinson MK, **Waldron N**. Characteristics related to sexual experience and condom use among Jamaican female adolescents. *J Health Care for the and Poor Underserved* 2013 Feb;24(1):220–2.
 - Kidd LR, Jones DZ, Rogers EN, Kidd NC, Beache S, Rudd JE, Ragin C, **Jackson M**, Anderson NM, Tulloch-Reid M, Morrison S, Brock GN, Barve SS, Kimbro KS. Chemokine Ligand 5 (CCL5) and Chemokine Receptor (CCR5) Genetic Variants and Prostate Cancer Risk among men of African Descent: A Case-Control Study. *Hereditary Cancer in Clinical Practice* 2012 Nov; 10(1):16.
 - **McCaw-Binns A, Bailey A, Holder-Nevins D, Alexander S**. Adverse consequences of uninformed adolescent sex in Jamaica: From STIs to pregnancy, abortion and maternal death. *Social and Economic Studies* 2012 Sep; 61(3): 145–166.
 - Ragin C, Davis-Reyes B, Tadesse H, Daniels D, Bunker CH, **Jackson M**, Ferguson TS, Patrick AL, Tulloch-Reid MK, Taioli E. Farming, Reported Pesticide Use, and Prostate Cancer. *American Journal of Mens Health* 2013; 7(2):102–9.

- Taioli E, Sears V, Watson A, Flores-Obando RE, **Jackson MD**, Ukoli FA, de Syllos Cólus IM, Fernandez P, McFarlane-Anderson N, Ostrander EA, Rodrigues IS, Stanford JL, Taylor JA, Tulloch-Reid M, Ragin CC. Polymorphisms in CYP17 and CYP3A4 and prostate cancer in men of African descent. *Prostate*. 2013 May 7. 73(6):668–76.
- Tulloch-Reid MK, Younger NO, Ferguson TS, Francis DK, Abdulkadri AO, Gordon-Strachan GM, McFarlane SR, **Cunningham-Myrie CA**, Wilks RJ, Anderson SG. Excess cardiovascular risk burden in Jamaican women does not influence predicted 10-year CVD risk profiles of Jamaica adults: an analysis of the 2007/08 Jamaica Health and Lifestyle Survey. *PLoS One* 2013 Jun 21;8(6):e66625. P
- West W, **James K**, Brady-West D. Ultrasound detected asymptomatic cholelithiasis: an age-based protocol for management. *West Indian Medical Journal* 2012 Dec; 61(9): 903–906.
- Willie D, Ferguson T, Tulloch-Reid M, **McCaw-Binns A**. Teaching epidemiology and biostatistics: medical students' views on the content and instructional strategies of an introductory course. *Caribbean Teaching Scholar* 2012 Nov; 2 (2): 103–114.

PSYCHIATRY

- **Abel WD**, Bailey-Davidson Y, **Gibson R**, **Martin JS**, **Sewell C**, James SA, Fox K. Depressive symptoms in Adolescents in Jamaica. *West Indian Medical Journal* 2012 61 (5): 494–498.
- **Abel, WD**, **Sewell C**, **Martin JS**, Fox K. Suicidal ideation among Jamaican youth: socio-demographic prevalence, protective and risk factors. *West Indian Medical Journal* 2012 61 (5): 521–525.
- Burgess B, Curtis-Downes D, **Gibson RC**. Education and employment levels among Jamaican patients newly diagnosed with schizophrenia and bipolar disorder. *International Journal of Social Psychiatry* 2013 May; 59(3):247–53. doi: 10.1177/0020764011433638. Epub 2012 Jan 16.

- **Gibson RC, Lowe GA, Morgan KAD, Henry M, De La Haye W, Irons A.** Capgras Syndrome presenting in an adolescent girl in the Caribbean. *West Indian Medical Journal* 2013 Jan 62 (1): 95–98.
- **Gibson RC, Morgan KA, Abel WD, Sewell CA, Martin JS, Lowe GA, de la Haye W, Edwards CL, O’Garro KN, Reid ME, Asnani MR.** Locus of control, depression and quality of life among persons with sickle cell disease in Jamaica. *Psychology, Health & Medicine* 2013;18(4):451–60. doi: 10.1080/13548506.2012.749353. Epub 2013 Jan 16.
- **Gossell-Williams M, Martin J, Neita S, Gibson RC, Abel W, Sewell C, McGrowder D.** Prevalence of the metabolic syndrome in patients presenting to the university hospital of the West Indies: a need to adopt proactive screening and specific management policy. *West Indian Medical Journal* 2012 Nov;61(8):802–8.
- **Lipps GE, Lowe GA, Gibson RC, Halliday S, Morris A, Clarke N, Wilson RN.** Parenting and depressive symptoms among adolescents in four Caribbean societies. *Child and Adolescent Psychiatry and Mental Health.* 2012 Sep 21;6(1):31. doi: 10.1186/1753-2000-6-31.
- **Longman-Mills S, González WY, Meléndez MO, García MR, Gómez JD, Juárez CG, Martínez EA, Peñalba SJ, Pizzanelli EM, Solórzano LI, Wright MG, Cumsille F, De La Haye W, Sapag JC, Khenti A, Hamilton HA, Erickson PG, Brands B, Flam-Zalcman R, Simpson S, Wekerle C, Mann RE.** Exploring child maltreatment and its relationship to alcohol and cannabis use in selected Latin American and Caribbean countries. *Child Abuse and Neglect* 2013 Jan;37(1):77–85.
- **Martin JS, Neita SM, Gibson RC.** Depression among cardiovascular disease patients on a consultation-liaison service at a general hospital in Jamaica. *West Indian Medical Journal* 2012 Aug; 61(5): 499–503.
- **Sewell C, Martin JS, Abel WD.** Psychiatric comorbidity: revisiting the “mind-body” connection. *West Indian Medical Journal* 2012 61(2):115–116.

- Williams-Johnson J, Williams E, Gossell-Williams M, Sewell CA, Abel WD, Whitehorne-Smith P. Suicide attempt by self-poisoning: characteristics of suicide attempters seen at the emergency department at the University Hospital of the West Indies. *West Indian Medical Journal* 2012 Aug 61(5):526–531.

Student Led

Gordon CD, Wilks R, McCaw-Binns A. Effect of aerobic exercise (walking) training on functional status and health-related quality of life in chronic stroke survivors: a randomized controlled trial. *Stroke* 2013 Apr; 44(4): 1179–81. Epub 2013 Mar 7.

Technical Reports

- Campbell NE, Clarke E. Indoor Air Quality Report: Gordon House/House of Parliament, Duke Street, Jamaica (22 pages). 21/5/2013, Submitted to the Clerk of the House.
- McCaw-Binns A, Mullings J. Epidemiological Surveillance of Maternal Mortality in Jamaica: 1981–2012. Case study of the Jamaican experience with maternal mortality surveillance. *Family Care International*. December 2012 (58 pages).
- McCaw-Binns A, Mullings J. 2008–2012 External evaluation of the UNDP/UNFPA/WHO/World Bank Special Programme of Research, Development and Research Training in Human Reproduction. Chapter 3 – Evidence generation and synthesis to improve family planning, prevent unsafe abortion and prevent and control sexually transmitted and reproductive tract infections. November 2012 (42 pages).

PUBLISHED ABSTRACTS AND POSTERS

Caribbean Public Health Agency Meeting (CARPHA)

- WD Aiken, K Jones, K James. Rural/Urban Differences in the

Clinico-pathologic profiles of Jamaican men with Prostate Cancer: A comparative retrospective case series. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O25. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.

- **Cunningham-Myrie C**, Mabile E, Govia I, Younger N, Tulloch-Reid M, McFarlane S, Francis D, Gordon-Strachan G, Wilks R, Theall K. Allostatic load in Jamaicans: Sex differences and variability across neighbourhoods. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O55. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.
- **Jackson MD**, Tulloch-Reid MK, Bennett FI, Coard KC, McFarlane-Anderson N. Is calcium associated with prostate cancer in Jamaican men? *West Indian Medical Journal* 2013; 62(Suppl.2):O58. 58th Annual Scientific Meeting of the Caribbean Public Health Agency. Barbados.
- King I, Bortuloss-Ali S, **Cunningham-Myrie C**, Reid M. Impact of a comprehensive sickle cell centre on early childhood mortality in a developing country: the Jamaican experience. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O51 [Oral Presentation]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.
- **McCaw-Binns A**, **Mullings J**, Holder Y. Measuring perinatal and under-five mortality in Jamaica: Quality and completeness of vital data *West Indian Medical Journal* 2013; 62 (Suppl 2): O53 [Oral Presentation, CHRC 2013]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.

Student led

- Beazer CV, **Waldron NK**. Factors affecting repeat visits to the emergency room by adults with asthma at the University Hospital of the West Indies and the National Chest Hospital. *West Indian Medical Journal* 2013; 62(suppl 2): P35 [Poster]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.

PUBLIC SERVICE

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

Professor Wendel Abel

- Advisor to Minister of Education – Early Detection Support and Intervention Project for Children and Adolescents with Behavioural Problems
- Working group – Mental health policy, Ministry of Health (Jamaica)
- Chair – National Council and Drug Abuse

Mrs Althea Bailey

- Member – Ministry of Health/ National HIV Programme Technical Working Group.
- Board – Jamaica AIDS Support for Life
- Designed and tested a cervical screening patient education tool for the Ministry of Health

Mr Norbert Campbell

- Collaborated with the Occupation and Environmental Safety and Health (OESH) team, Faculty of Science and Technology, to conduct indoor air quality assessments on the university campus and in the House of Parliament, Gordon House.
- Assisted the Department of Microbiology National Influenza Centre to meet bio-safety requirements to maintain their CDC registration.

Dr Colette Cunningham-Myrie

- Volunteer service – Diabetes Association of Jamaica

Professor Denise Eldemire-Shearer

- Patron – National Council for Senior Citizens

Department of Community Health & Psychiatry

- Chairman – Board of Supervision, Ministry of Local Government and Community Development
- Chairman – Caribbean Community of Retired Persons
- Member – Central Health Committee: Ministry of Health
- Member – Planning Institute of Jamaica Task Force preparing the Vision 2030 Committee on Vulnerable Groups

Professor J Peter Figueroa

- Director, Epidemiology Research and Training Unit (ERTU)

Dr Michelle Harris

- Faculty member – The Caribbean Health Leadership Institute (CHLI)

Dr Jacqueline Martin

- Volunteer Physician & Psychiatrist – Stella Maris Foundation

Dr Henroy Scarlett

- Vice President – Jamaica Occupational Health Professionals Association (JOHPA).
- Member – National Oversight Committee, Ministry of Health's Wastewater Systems Evaluation Project (Project funded by PAHO and UNEP)

INTERNATIONAL SERVICE

Faculty served on a range of expert panels and advisory committees with international agencies such as the Organization of American States (OAS), the Pan American Health Organization (PAHO) and the World Health Organization (WHO). They are also peer reviewers for over a dozen international journals.

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)
- Assistant Editor – *West Indian Medical Journal* (June 2011–June 2014)
- Peer Reviewer
 - *Ethnicity and Inequalities in Health and Social Care*
 - *West Indian Medical Journal*

Professor Denise Eldemire-Shearer

- Editorial Board Member – *West Indian Medical Journal*

Professor J Peter Figueroa

- Member – WHO Strategic Advisory Group of Experts (SAGE) on Vaccine Preventable Diseases
- Rapporteur – PAHO Technical Advisory Group (TAG) on vaccine preventable diseases
- Chair – Caribbean Expanded Programme of Immunization (EPI) managers, annual meeting
- Deputy Chair – Pan Caribbean Partnership against AIDS (PANCAP), Executive Board and Regional Coordinating Mechanism
- Chair – PANCAP Priority Areas Coordinating Committee (PACC)
- Editorial Advisory Board – *West Indian Medical Journal*
- Peer Reviewer:
 - *PLOS One*
 - *Vaccine*
 - *West Indian Medical Journal*

Dr Roger Gibson

- Member – Section on Conflict Management & Resolution, World Psychiatric Association

Dr Desmalee Holder-Nevins

- Executive committee member – North American Regional Organization of International Union of Health Promotion and education (IUHPE).

Dr Maria Jackson

- Editorial Board Member – *Ethnicity and Health*
- Corresponding member – Global Burden of Disease (GBD) Project (WHO, Gates Foundation and World Bank): Nutrition Expert Group
- Member – African-Caribbean Cancer Consortium Research Review Committee
- Peer Reviewer:
 - *BMC Public Health*
 - *Cancer Causes and Control*
 - *Clinical and Experimental Metastasis*
 - *Genes and Nutrition*
 - *Nutrition Journal*
 - *Public Health Nutrition*
 - *The Prostate*

Professor Affette McCaw-Binns

- Member – World Health Organization, Maternal Morbidity Working Group to define maternal morbidity, develop tools and indicators to measure maternal morbidity and monitor progress
- Editorial Advisory Board – *West Indian Medical Journal*: 2000–present
- Peer Reviewer:
 - *BMC Pregnancy and Childbirth*
 - *BMC Health Services Research*
 - *Health Policy and Planning*
 - *International Journal of Gynecology and Obstetrics*

- *Journal of Epidemiology and Community Health*
- *Paediatric and Perinatal Epidemiology*
- *West Indian Medical Journal*

STAFF DEVELOPMENTS & MOVEMENTS

Promotions

Prof Denise Eldemire-Shearer was promoted to Campus Coordinator, School of Graduate Studies and Research, Mona in August 2012. **Prof Affette McCaw-Binns** was asked to act as Head of Department in August 2012 and was appointed in June 2013. **Dr Wendel Abel** was promoted to Professor of Mental Health Policy, effective May 29, 2013.

Movements and achievements

Dr Satnarine Maharaj retired in August 2012 after 31 years of service to the department. Ms **Violet Wallen**, community health aide, August Town Hermitage Health Centre and **Dr Chloe Morris**, the Director of the Mona Ageing and Wellness Centre, also retired in 2012.

Three faculty joined the department, **Dr Samantha Longman-Mills**, psychologist, Psychiatry section; **Dr Colette Cunningham-Myrie**, Medical Lecturer in Community Health and **Mrs Kathryn Mitchell-Fearon** (Community Health section) to coordinate instruction in Health Systems Management and develop a new MPH specialty track in this area. She completed her Doctorate of Public Health (DrPH) from the University of Georgia during the academic year. **Mrs Jasneeth Mullings** joined the Department as a research assistant during the academic year, was awarded the PhD in Epidemiology from the University of the West Indies, with high commendation and left the Department to take up an appointment in the Dean's office, Faculty of Medical Sciences, as the Epidemiologist/ Research Scientist in the Health Research Resource Unit.

Dr Tana Ricketts-Roomes, medical officer, earned the Diploma in Family Medicine, with distinction in June 2013 while **Dr Jackie Martin**

earned the Certificate in University Teaching (CUTL) from the Faculty of Humanities, University of the West Indies, Mona in July 2013.

HONOURS AND AWARDS

- UWI Medical Alumni Association Prize for the Best Presentation by a Medical Student – 2012, Faculty of Medical Sciences Research Conference.
- Fourth year medical students C Katragadda, A Howell, D Archie, K Barrett, S Betty, A Bhagwandat, T Brooks, S Figueroa, L Gayle, S Gibson, S Harewood, K Kealebale, J Lofters, T Martin, O Matthews, P Ramonna, H Robertson, M Sehunelo, K Selema, S Sterling, D Thomas and N Wade, with Dr M Jackson were awarded the UWI Medical Alumni Association Prize for the Best Presentation by a Medical Student for their paper Health-seeking behaviour for pain in sickle cell disease: The Sickle Cell Unit at the 2012 Faculty of Medical Sciences Research Meeting (*West Indian Medical Journal* 2012; 61(Suppl.6):36).
- **Dr Maria Jackson**, and her collaborators, Professor S Walker, Dr C Simpson-Smith, Mrs C Lindsay, Mr G Smith, Professor N McFarlane-Anderson, Dr F Bennett, Professor K Coard, Dr W Aiken, Dr T Tulloch, Dr T Paul and Dr R Wan received the Principal's Award for Best Research Publication 2013 for their paper "Associations of Whole-Blood Fatty Acids and Dietary Intake with Prostate Cancer in Jamaica" (*Cancer Causes and Control*. 2012 Jan;23(1):23-33. doi: 10.1007/s10552-011-9850-4. Epub 2011 Oct 9).
- **Professor Wendel Abel** received the Award for Excellence in Psychiatry from the Jamaica Psychiatric Association in December 2012 and an Award for Outstanding work in Mental Health Policy and Service System Development, from the Medical Foundation of Jamaica in August 2013.
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RESEARCH

New Initiative Grants

Mrs. Douladel Tyndale, Mona Ageing and Wellness Centre, with Dean Horace Fletcher (gynaecologist) and Dr William Aiken (urologist) have been funded to examine the Sexual Health of Older Persons.

Other Research Grants

Professor Wendel Abel is the Principal Investigator of a national study on Suicide in Jamaica, being undertaken at the request of the Ministry of Health, with support from UNICEF and aims to measure suicidal ideation and behaviour among adolescents. It will document the socio-demographic and clinical characteristic of patients presenting to Emergency Rooms with attempted suicide and include a psychological autopsy of persons who committed suicide in 2012. He will also coordinate a series of Drug Use and Abuse studies which will include a National Drug Abuse Household Survey and a complementary study which examines Drug Use among Secondary School Students which will be implemented as a National School Survey. Both will be conducted in collaboration with the National Council on Drug Abuse with funding from the Organization of American States (OAS).

Dr. Michelle Harris received a grant from the CHRC/CARPHA to conduct A cluster randomized controlled trial to improve the management of dsy lipidemia in primary care.

Dr Holder-Nevins received a grant of J\$100,000 from the Jamaica Society for the Blind and the Caribbean Association for the Blind to do a qualitative study among cataract patients in four parishes to examine factors which influence the acceptance of cataract surgery among Jamaicans 50 years and older. The report has been submitted to the Jamaican Society for the Blind.

Dr Jackson is participating in a pooled analysis of Metabolic Gene Polymorphisms among Men 40–80 Years with Prostate Cancer, in collaboration with Fox-Chase Cancer Center (Philadephia, USA) and

will utilize data from the case-control study of diet and lifestyle factors and prostate cancer.

The Mona Ageing and Wellness Centre is collaborating with Case Western University to help introduce Age Friendly Guidelines for Care into Primary Health Care in the Bahamas.

STUDENTS

Postgraduate Students

Categories of students	Number registered 2012–2013	Graduates 2012–2013
PhD Public Health	5	2
Doctorate of Public Health	22	0
Master of Public (MPH) including Health Education/Health Promotion	19	19
Diploma in Family Medicine (Years 1–3)	23	7
– <i>Bahamas</i>	11	2
– <i>Mona</i>	12	5
DM Family Medicine (Years 4–5)	5	0
– <i>Bahamas</i>	0	0
– <i>Mona</i>	5	0
DM Psychiatry (Years 1–4)	10	1