

## DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY



Professor Affette McCaw-Binns, BA, MPH, PhD  
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. Clinical services include ambulatory primary health care delivered at the Hermitage August Town Community Health Centre, and adult, child and adolescent in-patient and out-patient psychiatric services, forensic services, and day treatment drug rehabilitation services. Faculty published 31 peer-reviewed papers, 6 book chapters and 15 abstracts.

### UNDERGRADUATE PROGRAMME

Pre-clinical undergraduate courses are delivered to medical and dental students and clinical training to medical students in community health

(years 3, 4, 5) and psychiatry (years 3, 4). The psychiatry teaching area has been improved to enable video linkages between sites. The two-week fourth year rural exposure in public health is delivered from eight parishes.<sup>1</sup> Three urban primary care sites were upgraded to accommodate the increasing number of final year medical students for their three week clinical exposure to ambulatory primary care patients.<sup>2</sup>

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

Intake for the Master of Public Health (2013–14) improved marginally from 17 to 19 new students, including six who joined the new specialty track in Health Systems Management. The DrPH enrolled five new students in 2013, for a total of 28 registered students from 10 countries. One candidate successfully defended her thesis this year. Eight students were enrolled in the MPhil/PhD.

### **Doctor of Medicine (DM) in Family Medicine and Psychiatry**

The Family Medicine programme at Mona includes a two-year Diploma in Family Medicine, with the option to complete a four-year Doctor of Medicine (DM). Since 2010, it has been administratively linked to the Bahamas School of Clinical Medicine. Of 12 Diploma candidates examined from Mona and the Bahamas, eight graduated, one with distinction. Seven DM candidates were examined, six of whom were successful. Of 14 candidates enrolled in the four year DM psychiatry, one graduated.

### **Other programmes**

The joint University of Alabama at Birmingham (UAB) – University of the West Indies summer course Infectious Disease Control and Surveillance

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1. Hanover, Manchester, St Catherine, St Elizabeth, St Mary, St James, Trelawny and Westmoreland

2. Chin Loy, Comprehensive, Duhaney Park, Edna Manley, Glen Vincent, Gordon Town, Hagley Park, Harbour View, Maxfield Park, Oak Glades, Norman Gardens, Olympic Gardens, Stony Hill and Windward Road Health Centres

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(40 hours) continued from July 20–30, 2014 with 15 students (10 from UAB, 3 from UWI MPH class and 2 PHIs from St. Ann and Trelawny).

The Caribbean Training and Technical Assistance (CARTTA)/ DrPH project (Global Fund/PANCAP) was implemented by the DrPH team. This included conducting needs assessments and training workshops in Antigua, Barbados, St Kitts and Nevis and Jamaica. The team ran a HIV prevention workshop for 22 participants from 10 Caribbean countries from 4–9 July 2014. The grant also provided DrPH students with tuition and field placement support.

The OAS supported the psychiatry team to deliver a Caribbean-wide project to provide Training in Substance Abuse Prevention, Treatment and Rehabilitation. The first cohort of 60 graduates completed exams in May 2014.

### **CLINICAL SERVICES**

The Hermitage August Town Health Centre provides clinical services to 12 communities<sup>3</sup> in collaboration with the Kingston and St Andrew Health Department. From July 2013 to June 2014 staff saw 7,209 persons for curative services included screening, health promotion, general medical care, hypertension-diabetes care, dressings and other acute care and 5,595 for preventive services which included family planning, cervical cancer screening, antenatal, postnatal and well-baby care. Psychiatry provided adult in-patient and out-patient psychiatric services including specialized services for children and adolescents, forensic services, and in-patient and out-patient care for persons with drug dependency.

### **INTERNATIONAL SERVICE**

Faculty served on global expert panels and advisory committees during

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3. August Town, Bedward Gardens, Beverly Hills, Constitution Hill, Elletson Flats, Hermitage, Highlight View, Hope Pastures, Hope Tavern, Kintyre, Landlease, Long Mountain, Mona Commons, Mona Heights, Papine, Stand Pipe Lane: Liguanea

the academic year and as peer reviewers for a range of international academic journals, including the *West Indian Medical Journal* (WIMJ). Many also serve on the editorial board of the WIMJ.

**Prof 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**

- Peer Reviewer (*BMC Public Health; International Journal of Diabetes in Developing Countries; West Indian Medical Journal*)

**Dr Winston De La Haye**

- Member – Section on Psychiatry in Developing Countries, World Psychiatric Association
- Member – Section on Art and Psychiatry, World Psychiatric Association
- Advisory Committee Member – The Training and Certification Program for Drug and Violence Prevention, Treatment, and Rehabilitation (PROCCER; OAS)
- Master Trainer – Treatment. The Training and Certification Program for Drug and Violence Prevention, Treatment, and Rehabilitation (PROCCER; OAS)
- Editorial Advisory Board Member, *West Indian Medical Journal*

**Prof John Peter Figueroa**

- Member, WHO Strategic Advisory Group of Experts (SAGE) on vaccine preventable diseases, Geneva, Switzerland.
- Chair, WHO SAGE working group on Measles/ Rubella

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- Chair, WHO SAGE working group on Poliomyelitis
- Member, WHO International Health Regulations Roster of Experts (Poliomyelitis)
- Chair, PAHO Technical Advisory Group (TAG) on vaccine preventable diseases
- Chair, PAHO TAG working group on poliomyelitis
- Chair, Caribbean Expanded Program of Immunization (EPI) managers' annual meeting.
- Member, UNAIDS Scientific Expert Panel
- Deputy Chair, Pan Caribbean Partnership against AIDS (PANCAP) Executive Board and Regional Coordinating Mechanism.
- Chair, PANCAP Priority Areas Coordinating Committee (PACC)
- Member, Technical Advisory Committee, CDC STI Prevention Conference, Atlanta, USA, 9–12 June 2014.
- Peer Reviewer (*PLOS One*; *Vaccine*; *West Indian Medical Journal*)
- Editorial Advisory Board, *West Indian Medical Journal*

### **Dr Roger Gibson**

- Member – Section on Conflict Management & Resolution, World Psychiatric Association
- Editorial Board Member – *Clinical Medicine: Case Reports* (published by 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**

- Editorial Board – North American Regional Organization of International Union of Health Promotion and education (IUHPE).
- Member – 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 (2010–2013)
- Member of the African-Caribbean Cancer Consortium (AC3) Research Review Committee
- 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*)
- Member – American Association for Cancer Research
- Member – Minorities in Cancer Research
- Member – American Society of Nutrition
- Member – Caribbean Association of Nutritionists and Dietitians

**Dr Samantha Longman-Mills**

- Peer reviewer (*International Journal of Child and Adolescent Resilience*)
- Research Committee – CICAD-CAMH International Research Capacity Building Program Alumni Association.

**Prof Affette McCaw-Binns**

- Member – World Health Organization, Maternal Morbidity Working Group
- Peer Reviewer (*Annals of Medical and Health Sciences Research; BMC Pregnancy and Childbirth; BMC Health Services Research; Health*)

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*Policy and Planning; International Journal of Gynecology and Obstetrics;  
Journal of Epidemiology and Community Health*)

**Dr Kathryn Mitchell-Fearon**

- Member, International Consortium on Healthcare Management (consisting of Pan American Health Organization (PAHO), International Hospital Federation (IHF), & the American College of Health Care Executives (ACHE) (2012–present)
- Member, Human Resources for Health (HRH) Technical Working Group –including the Caribbean Health Leadership Initiative (CHLI), Pan American Health Organization (PAHO), and the University of the West Indies (2012–present)

**Dr Kai Morgan**

- Peer Reviewer (*Caribbean Journal of Psychology; International Humanities Review; Journal of Black Psychology*)

**Dr Clayton Sewell**

- Peer Reviewer (*American Academy of Psychiatry and the Law, West Indian Medical Journal*)

**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.

**Prof Wendel Abel**

- Chair, National Council and Drug Abuse

**Mrs Althea Bailey**

- Member, Ministry of Health/ National HIV Programme Technical Working Group.
- Board member, Jamaica AIDS Support for Life

- Board member & chair – The Jamaica Red Cross Adolescents at Risk Advisory Committee
- Member – The Ministry of Health Violence Prevention Alliance
- Committee Member – Youth Opportunities Unlimited
- Committee member – Integrated Youth services

**Ms Lovette Byfield**

- Training Coordinator, Caribbean Training and Technical Assistance (CARTTA)/ DrPH project

**Dr Colette Cunningham-Myrie**

- Member Organizing Committee Fulbright Academy Summit on Global Health, May 24–26, 2013, Montego Bay, Jamaica.
- Honorary Secretary, Medical Association of Jamaica
- Essential National Health Research Committee, Ministry of Health, Jamaica

**Dr Winston De La Haye**

- Chairman – Bellevue Hospital Board of Management
- Deputy Chairman – National Council and Drug Abuse
- Chairman – National Homeless Committee of the Board of Supervision, Ministry of Local Government/Community Development
- Member – University Hospital Board of Management
- Chairman – Finance Committee, Medical Association of Jamaica

**Prof 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



**Prof J Peter Figueroa**

- Director, Epidemiology Research and Training Unit
- Director, Caribbean Training and Technical Assistance (CARTTA)/ DrPH project

**Dr Roger Gibson**

- Member – Medical Association of Jamaica
- Member –Jamaica Psychiatric Association

**Dr Michelle Harris**

- Leadership trainer –Caribbean Health Leadership Initiative

**Ms Joy Harrison**

- Member – Jamaica Association of Social Workers (JASW).

**Dr Desmalee Holder-Nevins**

- Executive Board Member – North Jamaica Conference of Seventh day Adventists
- Member – Jamaica Association for Health Education and Promotion (JAHEP)

**Dr Maria Jackson**

- Board member – St. Richard Early Childhood Education Institution

**Dr Hazel Laws**

- Member – Medical Association of Jamaica
- Member – Caribbean College of Family Physicians (Jamaica Chapter)

**Dr Samantha Longman-Mills**

- Executive Committee member and Director of Advocacy – Jamaican Psychological Society
- Member – Caribbean Sexuality Research Group
- Member – Metcalfe Street Secure Juvenile Correctional Centre Board of Visitors.

- Member – Wolmer’s Old Girls’ Association

**Dr Gillian Lowe**

- Member – The Rotary Club of Kingston

**Dr Kai Morgan**

- Member, Caribbean Sexuality Research Group
- Executive Board, Grata Foundation
- Vice-President, Jamaican Psychological Society

**Dr Henroy Scarlett**

- President – Jamaica Occupational Health Professionals Association (JOHPA).
- Member, National Oversight Committee, Ministry of Health Wastewater Systems Evaluation Project

**Dr Clayton Sewell**

- Member, Medical Council of Jamaica
- Member, Medical Association of Jamaica
- Volunteer, Children in Custody Project, Ministries of Health & National Security
- Team Member and Consultant – Office of the Children’s Advocate
- Co-developer, Comprehensive Assessment Tool to evaluate Children in Conflict with the Law
- Co-developer, Developed Manual for Managing Children in Conflict with the Law
- Member, Alzheimer’s Jamaica – Established support group and participated in public education
- Volunteer, National Council on Drug Abuse (NCDA): Drug Court Programme.

## Department of Community Health & Psychiatry

- Mental Health Educator, Community, School and Church Outreach Programmes to educate the community on issues such as stress management, mental disorders and social issues

### **Dr Kristen Smith**

- Member, Medical Association of Jamaica
- Treasurer, Caribbean College of Family Physicians
- Organizing Committee, Annual and Triennial Conferences, Caribbean College of Family Physicians

### **Dr. Aileen Standard-Goldson**

- Executive Member, UWI Alumni Association (Jamaica Chapter)
- Executive Member, Caribbean College of Family Physicians (Regional)
- Member, Caribbean College of Family Physicians (Jamaica Chapter)
- Member, Association of General Practitioners of Jamaica
- Member, Medical Association of Jamaica

## **DISTINCTIONS, HONOURS, SCHOLARSHIPS AND AWARDS**

- **Professor Denise Eldemire-Shearer.** University of the West Indies Medical Alumni Association (UWIMAA) Pelican Award: For contribution to ageing, UWI, Jamaica and the Caribbean Region, July 2014
- Dr Carron D Gordon, Professor Rainford Wilks and **Professor Affette McCaw-Binns.** The Principal's Award for Best Research Publication for paper entitled "Effect of aerobic exercise (walking) training on functional status and health-related quality of life in chronic stroke survivors: a randomized controlled trial."
- **Dr Maria Jackson.** The Principal's Research Award for the project with the greatest multidisciplinary/cross faculty collaboration. Faculty of Medical Sciences, University of the West Indies, Mona, Kingston, Jamaica.
- Dr. Garth Lipps, **Dr Gillian Lowe, Dr Roger Gibson,** Dr Nelson Clarke, Miss Rosemarie Wilson, The Principal's Award for The Best

Research Publication, February 2014 for Parenting & Depression among adolescents in four Caribbean societies.

- Dr. Garth Lipps, **Dr Gillian Lowe**, **Dr Roger Gibson**, Dr Nelson Clarke, Miss Rosemarie Wilson. Principal's Awards for Research Projects with the Greatest Multidisciplinary/ Cross Faculty Collaboration, February 2014 for Parenting & Depression among adolescents in four Caribbean societies.
- **Professor Affette McCaw-Binns**. Caribbean Public Health Agency (CARPHA) Award: For Outstanding Achievement in Reproductive Health Research and Epidemiology. May 2014.

## RESEARCH

Two Faculty members succeeded in gaining New Initiative Grants worth J\$1.5 million each, down from four in the previous year. **Drs Gillian Lowe**, **Garth Lipps** and **Roger Gibson** will evaluate the impact of the GSAT/ Common Entrance examinations on students', parents' and teachers' depression and anxiety in five Caribbean Nations. **Dr Cunningham-Myrie** and her co-investigator Dr Twila-Mae Logan (PI) will undertake a cost benefit analysis of early interventions in sickle cell disease.

### Summary of Current Research – Section of Psychiatry

Prof Wendel Abel and his team have completed data collection for a national study on suicide in Jamaica at the request of the Ministry of Health, with funding from UNICEF. The study has examined suicidal ideation and behaviour among adolescents; conducted Psychological Autopsy on persons who committed suicide in 2012 and reviewed the socio-demographic and clinical characteristic of patients presenting to Emergency Rooms with attempted suicide. They also completed data collection for a national school survey of Drug Use among Secondary School Students, undertaken in collaboration with the National Council on Drug Abuse, with funding from the Organization of American States (OAS).

Dr Samantha Longman-Mills led the Jamaican segment of a multi-country “Health Behaviour Survey of Undergraduate University Students in Low and Middle Income Countries: A Multi-Country Study.” Principal Investigator: Professor Karl Peltzer – University of the Free State South Africa.

## **PUBLICATIONS**

Department faculty authored 32 peer reviewed journal articles, six book chapters, 16 published abstracts and six technical reports. Another 41 presentations were made at scientific meetings as well. Two papers represented joint work between both sections (Community Health and Psychiatry); 12 papers and four books/book chapters were produced by the psychiatry team (N=10), with 24 papers and two book chapters co-authored by community health investigators (N=17). The Department’s per capita output across both sections for papers and book chapters was 1.40; 1.60 for psychiatry and 1.52 for Community Health. Another 16 papers were also accepted and are awaiting publication, 11 by the *West Indian Medical Journal*. This would increase per capita output to 2.00. Postgraduate students contributed one paper and five published abstracts to this output.

## **PEER REVIEWED JOURNAL ARTICLES**

### **Joint Community Health and Psychiatry**

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* 2014 29(1), 103–105. doi: 10.1002/gps.3982.

Gibson RC, Neita SM, Abel WD, James K, Eldemire-Shearer D. Socio-demographic Factors Associated with Depressive Symptoms among Elderly Persons from Two Communities in Kingston, Jamaica. *West Indian Medical Journal*, 2013 September; 62 (7): 615–19.

**Community Health**

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;8(6): e66625 IF 3.73 Citations 1

**Cunningham-Myrie C**, Younger N, Tulloch-Reid M, McFarlane S, Francis D, Ferguson T, Gordon-Strachan G, Willie D, Wilks R. Diabetes Mellitus in Jamaica: Sex Differences in Burden, Risk Factors, Awareness, Treatment and Control in a Developing Country. *Tropical Medicine & International Health* 2013; 18(11):1365–1378 (Featured on MDLinx.com on October 17, 2013) IF 2.938.

Dasgupta S, Williams EW, Walters C, **Eldemire-Shearer D**, Williams-Johnson J. A Clinical Audit of the Management of Acute Asthmatic Attacks in Adults and Children Presenting to an Emergency Department *West Indian Med J* 2014; 63(3): DOI: 10.7727/wimj.2013.146

**Eldemire-Shearer D**, **Mitchell-Fearon K**, **Laws H**, Waldron N, **James K**, **Holder-Neveins DL**. Ageing of Jamaica's Population – What are the implications for health care. *West Indian Med J*. 2014; 63 (1): Jan. 10.7727/wimj.2014.003

**Figueroa JP**. Review of HIV in the Caribbean: Significant Progress and Outstanding Challenges. *Current HIV/AIDS Reports* 2014 Jun; 11(2): 158–167. DOI 10.1007/s11904-014-0199-7.

**Figueroa JP**, Weir SS, Jones-Cooper C, **Byfield L**, Hobbs MM, McKnight I, Cummings S. High HIV prevalence among men who have sex with men in Jamaica is associated with social vulnerability and other sexually transmitted infections. *West Indian Med J*. 2013; 62(4): 286–91.

Firoz T, Chou D, Von Dadelszen P, Agrawal P, Vanderkruik R, Tuncalp O, Van Den Broek N, Magee LA, Say L For The Maternal Morbidity Working Group (Ceccatti JC, Donnay F, Fawole O, Ferguson R, Filippi V, Ghérisi A, Gülmezoglu AM, Gyte G, Hirose A, Jayathilaka A, Kone Y, Lange I, **McCaw-Binns A**, Morgan M, Munjanja S, Öztopcu C,

Sullivan E). Measuring Maternal Health: Focus On Maternal Morbidity. *Bull World Health Organ* 2013 Oct1; 91(10):794–6. doi: 10.2471/BLT.13.117564. Epub 2013 Aug 6.

Fletcher SM, Lewis-Fuller E, Williams H, Miller Z, **Scarlett HP**, Cooper C, Gordon-Johnson K, Vickers I, Shaw K, Wellington I, Thame J, Pérez E, Indar L. Magnitude, distribution, and estimated level of underreporting of acute gastroenteritis in Jamaica. *Journal of Health and Population Nutrition* 2013; 4: (Suppl 1); 69–80.

Jones DZ, Ragin C, Kidd NC, Flores-Obando RE, **Jackson M**, McFarlane-Anderson N, Tulloch-Reid M, Kimbro KS, Kidd LR. The impact of genetic variants in inflammatory-related genes on prostate cancer risk among men of African Descent: a case control study. *Hered Cancer Clin Pract.* 2013 Dec 23;11(1):19. doi: 10.1186/1897-4287-11-19. PMID:24359571

Lindo JLM, **Holder-Nevins D**, Dover Roberts D, Dawkins P, Bennett J. Shaping the research experiences of graduate students using action research at a school of nursing in Jamaica. *Nursing Education Today* 2013; 33(12) 1557–1562.

Micha R, Khatibzadeh S, Shi P, Fahimi S, Lim S, Andrews KG, Engell RE, Powles J, Ezzati M, Mozaffarian D; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). Global, regional, and national consumption levels of dietary fats and oils in 1990 and 2010: a systematic analysis including 266 country-specific nutrition surveys. *BMJ.* 2014 Apr 15;348:g2272. PMID:24736206

Morris C, **James K**, **Holder-Nevins D**, **Eldemire-Shearer D**. Insights from a developing Country: self-reported health status of elderly men (60 years and over) in Jamaica. *International Journal of Men's Health* 2013; 12:(2): 106–129.

Novak RM, Metch B, Buchbinder S, Cabello R, Doastorg Y, **Figuroa JP**, Abdul-Jauwad H, Joseph P, Koenig E, Metzger D, Sobieszycz M, Tyndall M, Zorilla C. Risk Behavior among Women enrolled in a Randomized Controlled Efficacy Trial of an Adenoviral Vector Vaccine

to Prevent HIV Acquisition: the Step Study. *AIDS* 2013 July 17; 27(11): 1763–1770. doi:10.1097/ QAD.0b013e328360c83e.

Olubajo B, **Mitchell-Fearon K**, Ogunmoroti O. A comparative systematic review of the optimal CD4 cell count threshold for HIV treatment initiation. *Interdisciplinary Perspectives on Infectious Diseases*. 2014: 625670. doi: 10.1155/2014/625670. Epub 2014 March 20.

Powles J, Fahimi S, Micha R, Khatibzadeh S, Shi P, Ezzati M, Engell RE, Lim SS, Danaei G, Mozaffarian D; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE).4 Global, regional and national sodium intakes in 1990 and 2010: a systematic analysis of 24 h urinary sodium excretion and dietary surveys worldwide. *BMJ Open*. 2013 Dec 23;3(12):e003733. PMID: 24366578

Rogers EN, Jones DZ, Kidd NC, Yeyeodu S, Brock G, Ragin C, **Jackson M**, McFarlane-Anderson N, Tulloch-Reid M, Sean Kimbro K, Kidd LR. Toll-like receptor-associated sequence variants and prostate cancer risk among men of African descent. *Genes Immun*. 2013 Sep: 14(6): 347-55. doi: 10.1038/gene.2013.22.

Rogers S, Tureski K, Cushnie A, Brown A, **Bailey A**, Palmer Q. Layered stigma among health-care and social service providers toward key affected populations in Jamaica and The Bahamas. *AIDS Care Psychological and Socio-medical Aspects of AIDS/HIV*, DOI:10.1080/09540121.2013.844762

Watson K, Williams-Johnson J, Watson H, Walters C, Williams EW, **Eldemire-Shearer D**. The Compliance of Healthcare Workers with Universal Precautions in the Emergency Room at the University Hospital of the West Indies. *West Indian Med J* 2014; 63(3): DOI: 10.7727/wimj.2014.044

Weir SS, **Figueroa JP**, **Byfield LL**, Scott MA, Hobbs MM, Edwards JE, Duncan JP. “Do you think your main partner has other sex partners?” A simple question provides insight into sexual risk in Jamaica. *Int J STD AIDS* 2014 Apr 2 [e Pub]0956462414529096, doi:10.1177/0956462414529096.



**Student Led**

Mullings JA, **McCaw-Binns AM**, Archer C, Wilks R. Gender differences in the effects of urban neighbourhood on depressive symptoms in Jamaica. *Pan American Journal of Public Health* 2013; 34(6): 385-92.

**Psychiatry**

Brown T, **Morgan KAD**. Psychological distress and substance abuse in Jamaican youths living with HIV/AIDS. *West Indian Medical Journal* 2013 62(4), 341–345.

Edwards CL, Killough A, Wood M, Doyle T, Feliu M, Barker CS, Uppal P, DeCastro L, Wellington C, Whitfield KE, O’Garro KN, **Morgan K**, Alesii LYE, Byrd GS, McCabe M, Goli V, Keys A, Hill L, Collins-McNeil J, Trambadia J, Guinyard D, Muhammad M, McDonald P, Schmechel D, Robinson E. Emotional Reactions to Pain Predict Psychological Distress in Adult Patients with Sickle Cell Disease. *International Journal of Psychiatry in Medicine* 2014 47(1) 1–16. IF = 1.15

Gossell-Williams M, **Martin JS**, Sewell, CA, Neita S, **Gibson RC**, **Abel WD**, McGrowder D. The Prevalence of the metabolic syndrome in psychiatric patients presenting to UHWI: a need to adopt a proactive screening and specific management policy. *West Indian Medical J.* 2013; 61(8):802-808.

Hickling FW, **Gibson RC**, Hutchinson G. Current research on transcultural psychiatry in the Anglophone Caribbean: Epistemological, public policy, and epidemiological challenges. *Transcultural Psychiatry* 2013 Dec;50(6):858-75. doi: 10.1177/ 1363461513508806. Epub 2013 Oct 22.

Hickling FW, **Martin JS**, Walcott G, Paisley V, Hutchinson N, Clarke TR, Barton EN. The creation and validation of the Jamaica Personality Disorder Inventory. *West Indian Medical J* 2014;62(5): 389-397.

**Longman Mills S**. Maltreatment during childhood and its relationship with psychological distress and academic performance among University Students. *Journal of Arts Science and Technology.* 2013;6(2013):21-33.

**Longman Mills S**, Carpenter K. Interpersonal Competence and Sex Risk Behaviours among Jamaican Adolescents. *West Indian Medical J* 2013;62(5):423–6.

**Lowe GA**, Lipps G, **Gibson RC**, Halliday S, Morris A, Clarke N, Wilson RN. Neighbourhood Factors and Depression among Adolescents in Four Caribbean Countries. *PLOS One* 2014 Apr 23;(4):e95538. doi:10.1371/journal.pone.0095538

**Martin JS**, Walcott G, Clarke TR, Barton EN, Hickling FW. The prevalence of personality disorder in a general medical hospital population in Jamaica. *West Indian Medical J* 2014; 62(5):463–468.

Walcott G, **Martin JS**, Hickling FW. The prevalence of personality disorder in a psychiatric and substance abuse population in Jamaica. *West Indian Medical J* 2014; 62(5): 458–463.

#### ACCEPTED FOR PUBLICATION

**Abel WD**, **Morgan KAD**, **Gibson RC**, Edwards CLE, O’Garo K, Parshad-Asnani M, Whitehorne-Smith P, Martin J, White YRG, Sewell C. Depression and Active Coping among Attendees at the Sick Cell Unit in Jamaica. *West Indian Medical J*.

**Cunningham-Myrie C**, Theall K, Younger N, Tulloch-Reid M, McFarlane S, Francis D, Gordon-Strachan G, Wilks R. Associations between neighborhood effects and physical activity, obesity and diabetes: The Jamaica Health and Lifestyle Survey 2008. *Journal of Clinical Epidemiology*.

**Harris MA**, **James K**, Waldron NK, Ferguson T, **Figuroa JP**. Glycaemic control among patients with diabetes in primary care clinics in Jamaica; 1995 and 2012. *West Indian Medical J*.

**Longman-Mills S**, **Abel W**, **De La Haye W**. Substance Abuse During Adulthood Subsequent to the Experience of Physical Abuse and Psychological Distress During Childhood. *West Indian Medical J*.

**Longman-Mills S**, **De La Haye W**, Hamilton H A, Brands B, Wright G, Mann RE, Khenti A. Psychological Maltreatment and its Relationship

With Substance Abuse Among University Students in Kingston, Jamaica. *Texto & Contexto Enfermagem*

**Longman-Mills S**, González WY, Meléndez MO, García MR, Gómez JD, Juárez CG, et al. The association between adult drug abuse and childhood maltreatment among students attending universities in Latin America and the Caribbean. *Texto & Contexto Enfermagem*

**Martin JS, Sewell CA, Abel WD**. Alprazolam dependence...The sting in the tail. *West Indian Medical J*.

**McCaw-Binns A**, Holder Y, Mullings J. Why vital registration undercounts maternal deaths in Jamaica. *International Journal of Gynecology and Obstetrics*.

**McCaw-Binns A**, Holder Y, Mullings J. Certification of coroners' cases by pathologists would improve the completeness of death registration in Jamaica. *Journal of Clinical Epidemiology*.

**Mitchell-Fearon K**, Waldron N, **James K**, **Laws H**, **Eldemire-Shearer D**. Chronic disease in older persons in Jamaica 2012. *West Indian Medical J*.

**Mitchell-Fearon K**, Waldron N, **James K**, **Laws H**, **Holder-Nevins D**, **Eldemire-Shearer D**. Hypertension and diabetes prevalence in older persons In Jamaica, 2012. *West Indian Med J*. 2014.

**Powell-Booth K**, **De La Haye W**, **Longman-Mills S**. Impact of Cannabis on the Neurocognitive Performance of Jamaican Adolescents. *West Indian Medical J*.

**Sewell CA**, Roberts R, **Abel WD**, **Martin JS**. Gamma-Hydroxybutyrate (GHB) withdrawal in Jamaica. *West Indian Medical J*.

**Sewell CA**, **Martin J.S**. Substance Abuse and Mental Health. *West Indian Medical J*.

**Smith P**, **Morgan KAD**, **De La Haye W**, **Abel WD**. Gender differences in psychosocial risk and protective factors for adolescent alcohol use and misuse in Jamaica. *West Indian Medical J*.

**Thomas P**, **Gossell-Williams M**, **Sewell CA**, **Abel WD**, **McGrowder D**, **Martin JS**. The impact of cannabis use on the dosage of antipsychotic

drugs for patients admitted on the psychiatric ward at the UHWI. *West Indian Medical J.*

**BOOKS/CHAPTERS IN BOOKS**

Alexander S, **McCaw-Binns A.** Community dental and maternal health – periodontal disease and low birth weight in Jamaica: preliminary findings. In: *Sexual and Reproductive Health in Jamaica: Medical, Ethico-legal and Social Perspectives*. Eds. Frederick J, Hamilton P, Meade J. Pelican Publishers: Kingston, 2013, pp 47–56.

**Longman Mills S.** Case Study of One University in Kingston, Jamaica. In: Wright G, Cumsille F, Khenti A, Mann R, Brands B, Hamilton H, editors. *Drug Use Among Students And Its Relationship With Maltreatment During Childhood, In Seven Universities In Latin America and the Caribbean*. Washington, DC: Organisation of the American States; 2013. p. 120–7.

**Longman-Mills S,** García MR, Gómez JD, Juárez CG, Martínez EA, Meléndez MO, et al. *Drug Use Among Students and its Relationship with Maltreatment During Childhood, In Seven Universities In Latin America and the Caribbean*. Washington DC: Organization of American States; 2013. 162 pages

**Morgan KAD.** Rastafari: Cultural Healing. In: Sutherland P, Moodley R, Chevannes B. (Eds.). *Caribbean Healing Traditions: Implications for Health & Mental Health*. New York, NY: Routledge, 2013.

Kilpela L, Zerubavel N, Hobkirk A, Feliu M, Doshi S, O’Garo KO, Trambadia J, Keys A, Hill L, Wood M, **Morgan K,** Whitfield K, Binks M, Sollers JJ, Edwards CL. Body Image and Body Dissatisfaction in Ethnic Men. In: Marian S. Harris (Ed). *African American Perspectives: Family Dynamics, Health Care Issues and the Role of Ethnic Identity*. Hauppauge, NY: Nova Science Publishers, Inc. 2014. pp. 103–144.

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**Campbell D, De La Haye W, Eldemire-Shearer D.** Status Report on Homelessness in Jamaica: An all Parish Survey, November 2012. Kingston: Ministry of Local Government and Community Development, August 2013.

**Eldemire-Shearer D., James K, Waldron N, Mitchell-Fearon K.** Study of the Jamaican Elderly, 2012. Technical Document for: National Health Fund, and Planning Institute of Jamaica, 2013.

**Laws H, Davidson-Sadler T, Ferguson T, Christian C, Lawrence-Wright M, Campbell K, Duncan J, Wilson R, Singh K, Wilks R, Reid M, Hagley K, Gordon C;** The Core Technical Advisory Group on Hypertension 2013- 2014 and Expert panel on Chronic Disease in 2007. Guidelines for the Management of Hypertension. Ministry of Health, Jamaica. March 2014 (105 pages).

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##### **Abstracts**

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### **Student led**

Bridgelal-Nagassar RJ, **James K**, Nagassar RP, Maharaj S. Medication adherence and health insurance/health benefit in adult diabetics in Kingston, Jamaica. *West Indian Medical Journal* 2014; 63 (Suppl 2): O-54 Oral presentation, CARPHA meeting.

Bridgelal-Nagassar RJ, **James K**, Nagassar RP, Maharaj S. Prevalence of medication non-adherence in diabetics attending two health centres in Kingston, Jamaica. *West Indian Medical Journal* 2013; 62 (Suppl 6): P-14.

Jackson S, **Eldemire-Shearer D**, James K, Bullock-Ducasse M. Influenza viraemia and its significance among Jamaican patients, 2009-2012. O-20. *West Indian Medical Journal* 2013; 62 (Suppl 6): O-20.

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## **OTHER PAPERS PRESENTED**

### **Papers Presented at Academic Conferences and Seminars**

Abel W. Community Mental Health Services – Jamaica Psychiatric Association, September 2013, Jamaica.

Abel W. Medical Marijuana – Annual Research Day, University of the West Indies, Mona. February 2014, Kingston, Jamaica.

Abel W. Marijuana: Scientific and Medical Benefits – Annual Conference - Jamaica Pharmaceutical Society, June 2014, Jamaica.

Cunningham-Myrie C. Diabetes in Jamaica: Estimated percentage reduction for men versus women through physical activity and weight loss. University Diabetes Outreach Project, 20th Annual International Conference. March 29, 2014, Ocho Rios, Jamaica

Cunningham-Myrie C. Preventing Diabetes in Jamaicans: Is a different approach needed for men versus women? Fulbright Academy. 8th Annual Conference. Summit on Global Health. May 25, 2013, Montego Bay, Jamaica.

De La Haye W. Free the Weed! – At What Cost to the Jamaican Society – Medical Association of Jamaica Annual Conference, June 2014, Jamaica.

Edwards CL, Feliu M, Wood M, McNeil J, Reif R, O'Garro KN, Barker C, Wellington C, Harrison MO, Edwards L, Keys A, Trambadia J, Byrd GS, Morgan K, Robinson E, Whitfield KE. Ethnic Influences and Pain in Black Patients with Sickle Cell Disease. Presented at the Dorothy L. Powell Annual Global Health Lecture and Research Symposium on



Increasing Access to Primary Health Care Globally in Low Income and Rural Communities. Duke University School of Nursing (Invited). January, 2014, USA.

**Eldemire-Shearer D.** Caring for the Elderly: Men's Health. Meadowbrook United Church Men's Fellowship, March 2, 2014, Kingston, Jamaica.

**Eldemire-Shearer D.** AGEING: How To Do It Successfully And Live Life To The Fullest. CariMed, Conference, November 23, 2013, Kingston, Jamaica.

**Eldemire-Shearer D.** Mental Health Workshop. October 10, 2013, Mandeville, Jamaica.

**Eldemire-Shearer D.** WDA/Bradesco Seguros/ILC-Brazil Logevity Forum Models of Care: Jamaica Presented at Brazil October 15–17, 2013

**Figueroa JP.** High HIV prevalence among MSM in Jamaica is associated with social vulnerability, sex work and other STI. Meeting of National HIV Programme Managers and Key Partners, Port of Spain, Trinidad and Tobago, 21–23 October 2013.

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Expanded Program of Immunization (EPI) Managers' meeting, Runaway Bay, Jamaica, 19–21 November 2013.

**Figueroa JP.** The Challenge of HIV among men who have sex with men in Jamaica. Ena Thomas Memorial conference, Kingston, Jamaica, 24 November 2013.

**Figueroa JP.** Ending HIV stigma and discrimination in Jamaica. Presentation to Parliamentarians, Jamaica Conference Centre, Kingston, Jamaica, 3 December 2013.

**Figueroa JP.** Planning for oral Polio Vaccine Type 2 (OPV2) withdrawal and introduction of IPV. Report of Polio Working Group to TAG. PAHO TAG meeting Washington DC, USA, 14 April 2014.

**Harris MA, James K, Waldron NK, Ferguson T, Figueroa JP.** A review of glycaemia control among primary care patients in Jamaica. CARPHA Annual Scientific meeting, Aruba, May 2014

**Figueroa JP.** Social Determinants of Health: a conceptual framework. CARTTA/DrPH HIV Prevention Workshop, Mona, Kingston, Jamaica, 4–9 July 2014.

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**Harrison J, Mitchell C.** Simultaneous poly-substance use among undergraduate 1st & 2nd years health science students at a university in Kingston Jamaica: profile, risk and protective factors. Oral presentation at the IUC Research Day Conference April 2014, Kingston, Jamaica.

**Laws H, et al.** First draft of updated Guidelines for the Management of Hypertension, Ministry of Health, February 2014(41 pages). Meeting of the Core Technical Advisory Group on Hypertension (2013–2014). Department of Community Health and Psychiatry, UWI (Mona). February 21, 2014

**Laws H, et al.** First draft of updated Guidelines for the Management of Diabetes Mellitus, Ministry of Health (36 pages). Meeting of the Core

Technical Advisory Groupon Diabetes Mellitus (2013 -2014), Ministry of Health, Jamaica. February 14, 2014.

**Laws H.** Ageing: A Reality – Managing the Ageing Process. Guest presentation at a Client Seminar hosted by Guardian Group, Guardian Life Limited. Terra Nova All Suite Hotel, Kingston. June 17, 2014.

**McCaw-Binns A.** Maternal death surveillance and response beyond 2015: Jamaica. Feature Lecture: 59th Caribbean Public Health Agency Scientific Meeting. May 1–3, 2014, Aruba.

McLennon N, **Mitchell-Fearon K**, Barry R, Fearon I, Abel C. Pediatric Appendicitis: The 5 year experience at the Bustamante Hospital for Children. Oral presentation, Annual Retreat of the Association of Surgeons in Jamaica, 2013.

**Mitchell-Fearon, K.** UWI: Charting the course in Health Management training in the Caribbean region. Oral presentation, Jamaica Health Services Executives (JAHSE) Annual Meeting. October 2013.

**Morgan K**, McKenzie M, **Longman-Mills S.** Ethical Standards of professional practice for the Mind, Body & Spirit. Psychology Conference 2014; UWI, Mona; 6 March 2014, Kingston, Jamaica.

**Longman-Mills S.** Experiencing Maltreatment during Childhood and its Relationship with Drug Abuse Among University Students in Jamaica. Presented at Caribbean Child Research Conference 2013; Jamaica Conference Centre; 6 November 2013, Kingston, Jamaica.

**McCaw-Binns A.** Maternal death surveillance and response – Jamaica: what works! Regional Task Force on Maternal Mortality Reduction (GTR). November 14, 2013, Punta Cana, Dominican Republic.

**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.

Ragin C, **Jackson M**, Kidd LR, McFarlane-Anderson N, Flores-Obando R, Kimbro K. Inflammation-related SNPs, markers of inflammation and Prostate Cancer in Caribbean men. 10th Annual National Symposium on Prostate Cancer. Clark Atlanta University, Atlanta, GA, USA. March 16–19, 2014.

Rodriguez Y, **Laws H**, Harvey K. Hepatitis B reporting to the National Surveillance Unit -An Analysis. Ministry of Health, 4th Annual National Health Research Conference "Environmental Health & Communicable Diseases" November 28–29, 2013 Session 4, page 21.

**Scarlett HP**. Case studies in successful international collaboration: Training in Global Health Practice – An Infectious Disease Field Course in Jamaica involving the UWI, UAB and SDSU. 78th National Environmental Health Association (NEHA) Annual Education Conference (AEC) in partnership with the International Federation of Environmental Health (IFEH) 13th World Congress, July 7–10, Cosmopolitan of Las Vegas, Las Vegas, Nevada, USA.

**Scarlett HP**. Asbestos Use and Health Implications. Caribbean Poison Information Network (CARPIN) Scientific Seminar, University of Technology, June 1, 2014.

**Scarlett HP**. Indoor environmental quality. Quarterly seminar meeting of the Jamaica Occupational Health Professionals Association (JOHPA), October 31, 2013 at the Alhambra Inn, Kingston, Jamaica.

**Scarlett HP**. Global climate change and its impact on human health. 65th Annual Educational Conference and Exhibition of the Jamaica Association of Public Health Inspectors (JAPHI), October 23, 2013, Jewel Beach Resort, St. Ann, Jamaica.

**Smith K**. Obesity, 21st Century Epidemic – Impact & Intervention. Obesity Management Options: Behaviour Modification and Adherence Counseling Conference, Mona Visitor's Lodge and Conference Centre, UWI Mona. February 9, 2014, Jamaica.

STUDENTS

Postgraduate Students

Categories of students	Number registered 2013–2014	To graduate Nov 2014
PhD Public Health	10	0
Doctorate of Public Health (DrPH)	28	1
Master of Public (MPH)	19	12
– General	9	11
– Health Education/Health Promotion	4	1
– Health Systems Management	6	n/a
Diploma in Family Medicine (Years 1–2)	20	8
– <i>Bahamas</i>	8	4
– <i>Mona</i>	12	4
DM Family Medicine (Years 3–4)	16	6
– <i>Bahamas</i>	6	3
– <i>Mona</i>	10	3
DM Psychiatry (Years 1–4)	14	1