

## CURRICULUM VITAE – AUGUST 2008

**NAME:** ARCHIBALD McDONALD  
**NATIONALITY:** JAMAICAN **SEX:** MALE  
**MARITAL STATUS:** MARRIED  
Children - Three (3)

### **EDUCATION**

1963-1969 Meadowbrook High School  
1970-1975 Faculty of Medical Sciences, UWI  
1981-1986 D.M. Surgery Residency programme, UWI

### **ACADEMIC QUALIFICATIONS**

1975 M.B.,B.S., UWI  
1985 Fellow, Royal College of Surgeons of Edinburgh  
1986 D.M. (Surgery), UWI.  
1998 Member of the American College of Emergency Physicians  
1999 Fellow of the American College of Surgeons

### **CURRENT ACADEMIC APPOINTMENTS**

2003 – present Professor of Surgery & Emergency Medicine

### **PREVIOUS ACADEMIC APPOINTMENTS**

1987 - 1992 Lecturer in Surgery, UWI, Mona  
1992 - 1997 Lecturer in Surgery with tenure, UWI, Mona  
1997 - 2003 Senior Lecturer in Surgery, UWI, Mona.  
1997 - 2003 Supervisor, DM Emergency Medicine Postgraduate Programme, UWI, Mona.

## **CURRENT PROFESSIONAL APPOINTMENTS**

1987 - present	Consultant in General Surgery, UHWI, Jamaica
1988 - 1997	Consultant in Charge of Accident and Emergency Unit, UHWI, Jamaica
1997 - 2002	Medical Director, Accident & Emergency Unit, UHWI
2001 - present	Advanced Trauma Life Support Course Programme Director Jamaica

## **PREVIOUS PROFESSIONAL EXPERIENCE**

1975	Intern, Kingston Public Hospital and Bustamante Hospital for Children, Jamaica
1976	Intern, Kingston Public Hospital, Jamaica
1976	Junior Registrar in Surgery, Kingston Public Hospital, Jamaica
1977	Casualty Officer, Kingston Public Hospital, Jamaica.
1977-1988	Junior Registrar in Surgery, Kingston Public Hospital, Jamaica
1978	Junior Registrar in Orthopaedics, Kingston Public Hospital, Jamaica
1978 - 1981	Family Practice, Mancare Medical Centre, Jamaica.
1981-1985	Rotating appointments, Residency Programme in Surgery, UWI., Mona, Jamaica

## POSTGRADUATE TRAINING

- 1989 Injury Prevention Course, Johns Hopkins University, Baltimore, U.S.A
- 1989 Convention on Management, Jamaica Institute of Management, Runaway Bay, Jamaica.
- 1993 Laparoscopic Cholecystectomy Workshop – UHWI., Mona.
- 1993 Visit to University of Alberta Hospitals, Edmonton, Canada. Observed design of Emergency Department, patient flow through the department as well as management of emergency cases.
- 1993 Advanced Cardiac Life Support Course – Edmonton, Canada.
- 1993 Visit to Northern Institute of Technology, Edmonton, Canada. Observed the organization of training programme for Emergency Medical Technicians and design of Emergency Medical Service for Edmonton, Canada.
- 1994 Visit to Calgary General Hospital, Canada. Observed management of severely injured patients.
- 1994 Advanced Trauma Life Support Course, Calgary Canada.
- 1995 Commonwealth Caribbean Research Council Workshop on Research Skills – Kingston, Jamaica.
- 1997 Seminar in Disaster & Emergency Medicine – Japanese International Corporation Agency – Osaka & Tokyo, Japan, October 23 – November 14, 1997.
- 1998 Combined visit to Jackson Memorial Hospital and Ryder Trauma Centre, Miami, Florida to observe management of emergency cases and multiple trauma patients. Observed organization of Residency Programme with a view to improve teaching of postgraduate students in Emergency Medicine at Mona.
- 2000 Visited Mount Hope Medical Complex, Trinidad. Observed organization of Trauma Life Support Course with a view to establishing this Course in Jamaica.
- 2001 Advanced Trauma Life Support Instructor's Course – Mount Hope, Trinidad.

## FELLOWSHIPS AND AWARDS

- 1989 Fellowship to attend Injury Prevention Course, John's Hopkins University, Baltimore, U.S.A.
- 1997 Japanese International Corporation Grant to attend seminar on Disaster and Emergency Medicine, in Japan.
- 2000 Long Service Award for 18 years service to University Hospital of the West Indies, Mona.

## ADMINISTRATIVE APPOINTMENTS - UWI.

- 1987 - present Member, Board, Faculty of Medical Sciences.
- 1987 - present Examiner in Surgery, M.B., B.S. Final Examination.
- 1991 - present Member, Undergraduate Surgical Education Committee.
- 1992 - 2000 Member, Health Services Committee.
- 1993 - present Examiner, DM Emergency Medicine, Cave Hill Barbados
- 1996 - 1998 Member, Department of Surgery Computer Committee.
- 1997 - present Member, Department of Surgery Research Projects Committee.
- 1997 - 2005 Supervisor, DM Emergency Medicine Programme, Mona.
- 1997 - present Examiner, DM Emergency Medicine, Mona.
- 1997 - 2005 Member, Department of Surgery Planning and Finance Committee.
- 1998 - present Member, Specialty Board in Surgery.
- 1998 - present Director, Department of Surgery Trauma Registry.
- 2000 - 2003 Member, Ethics Committee
- 2000 - 2002 Acting Head (*at various times*)- Department of Surgery, Radiology Anaesthesia and Intensive Care
- 2001- present Member, Board, Mona Institute of Medical Sciences.
- 2002- 2005 Head, Department of Surgery, Radiology Anaesthesia & Intensive Care.
- 2002 – present Member, Academic Board, UWI
- 2004 – 2005 Faculty Representative, Budget Task Force
- 2004 – present Faculty Representative, Budget Monitoring committee

2005 – present	Faculty Representative, Vacancy committee
2005 March	Acting Dean, Faculty of Medical Sciences
2005 – present	Dean, Faculty of Medical Sciences
2005 – present	Chairman, UWI / UHWI Ethics Committee
2006 – present	Chairman, Board of Management, Mona Institute of Medical Sciences.
2006 – present	Academic Board Representative, Board for Undergraduate Studies
2004 – present	Member, Budget Monitoring Committee, UWI
2005	Chairman, Dean’s Task Force to revise MB BS Curriculum
2007	Member, Council UWI
2007	Member, Senate, UWI

#### **ADMINISTRATIVE APPOINTMENTS – UHWI**

1987 - present	Member, Medical Committee
1986 - 1988	Member, Organizing Committee UHWI, Accident and Emergency Unit
1988 - 1993	Consultant in Charge, Accident and Emergency Unit
1990 - 1993	Member, Building Committee UHWI, Accident and Emergency Unit
1990 - 2002	Member, Drug Committee
1993 - 2002	Medical Director, Accident and Emergency Department.
1993 - present	Member, Appointment’s Committee
1993 - 2005	Chairman, Accident and Emergency Management Committee
1993 - present	Member, Accident and Emergency Advisory Committee.
1995 - 1996	Member, Organizing Committee, Post Basic Nursing Course in Emergency Medicine, UHWI.
1996 - 2005	Lecturer, Post Basic Nursing Course in Emergency Medicine UHWI
1996 - 2005	Examiner, Post Basic Nursing Course in Emergency Medicine UHWI
1999 - 2001	External Examiner, Operating Theatre Post Basic Nursing Course.
1999 - present	Member, Heads of Clinical Departments Meetings.

2001 - 2005            Chairman, Accident and Emergency Advisory Committee.

2002 – 2005            Chairman, Management Committee, Operating Theatres & ICU

2002 – 2005            Acting Senior Director Clinical Services, UHWI (on several occasions)

2005 – present        Member, Board of Management, UHWI.

2006 – present        Member, Education Committee, UHWI

2007 – 2008            Acting Chief Executive Officer, UHWI

**ADMINISTRATIVE APPOINTMENTS - OTHER**

1979 - present        Director, Mancare Medical Centre Ltd.

1990 - 1993            Honorary Consultant, Jamaica Cancer Society.

1992 - 2004            Treasurer, Association of Surgeons in Jamaica

1997 - 1999            Vice President – Jamaica College Parent Teacher’s Association.

1997 - present        Co-founder and Organizer DM Surgery UWI Centennial Fund.

1999 - present        Reviewer, West Indian Medical Journal.

2001 - present        Programme Director, Advanced Trauma Life Support Course, Jamaica

2002 – present        Member Editorial Board, West Indian Medical Journal.

2005 – present        Member Jamaican Medical Council.

**PROFESSIONAL ASSOCIATIONS:**

1980        Member, Medical Association of Jamaica

1987        Member, Association of Surgeons in Jamaica

1987        Member, UWI Medical Alumni Association.

1997        Member, Pan-American Trauma Society

1998        Member, Association of Black Academic Surgeons of America.

1998        Member, American College of Emergency Physicians

1999        Member, American College of Surgeons (Jamaican Chapter)

- 2006 President, Association of Surgeons on Jamaica
- 2006 Member, Council Caribbean College of Surgeons.

### **ACTIVITIES AND INTERESTS**

Trauma Care and Epidemiology

Injury Prevention

Emergency Medicine and Emergency Medical Systems.

Writing for Magazines and Newspapers

Music

### **VISITS TO MEDICAL SCHOOL/HOSPITALS**

- 1989 Accident and Emergency Department  
Jackson Memorial Hospital University of Miami  
Florida, U.S.A.
- 1989 Accident and Emergency Department, Bronx Municipal Hospital  
New York, U.S.A.
- 1993 Accident and Emergency Department, University of Alberta,  
Edmonton, Canada.
- 1993 Calgary General Hospital, Calgary, Canada
- 1993 Northern Alberta Institute of Technology, Alberta, Canada.
- 1994 Accident and Emergency Department, Queen Elizabeth Hospital, Barbados.
- 1997 Ryder Trauma Centre, Jackson Memorial Hospital, Miami, Florida USA
- 1997 Osaka University Medical School, Osaka, Japan.
- 1998 Accident and Emergency Department, Howard University Medical School,  
Washington DC, USA
- 2006 Mayo Clinic & Medical School, Rochester, Minnesota

## **TEACHING AND OTHER EDUCATIONAL TRAINING RESPONSIBILITIES**

### **Postgraduate:**

1997 - present	Lecturer, Tutor and Supervisor - DM Surgery Residency Training Programme
1987 - 2005	Twice weekly outpatient clinical sessions with Residents in the DM (Surgery) programme
1987 - 2006	Twice Weekly Ward Rounds with Residents in the DM (Surgery) Programme.
1987 - 2005	Member Panel of Moderators for the Seminars for Junior Residents in the DM (Surgery) Programme.
1994 - 2005	Examiner, M.Sc. Emergency Medicine, UWI, Cave Hill, Campus, Barbados.
1997 - 2005	Lecturer, Tutor and Supervisor - DM Emergency Medicine Training Programme
1997 - 2005	Twice weekly rounds - Residents in DM Emergency Medicine programme.
1997 - 2004	Weekly tutorial - Residents in DM Emergency Medicine programme.
2000 - 2006	Examiner, DM Emergency Medicine, UWI.
2005 – present	Examiner, DM Surgery

### **Undergraduate:**

#### **Pre-clinical**

1981 -1983            Demonstrator, Department of Anatomy.

#### **Clinical**

1987 - present	Lecturer, Tutor and Examiner MB, BS Programme
1987 - 2005	Lecturer and Tutor, Introductory course in Surgery
1987 - 2005	Twice Weekly outpatient clinical sessions
1987 - 2005	Twice Weekly Teaching Ward Rounds

## **TEACHING EXPERIENCE (Continued)**

1987 - present      Lecturer in Surgical Lecture Series

1987 - present      Lecturer, Revision Course in Surgery.

### **Nursing**

1987 - 2005      Lecturer, Operating Theatre Nursing Course.

1987 - 2005      Lecturer, Surgical Lecture Series for student nurses.

1986 - 1987      Lecturer, Course for Ships Officers in training, Jamaica Maritime Institute

1995 - 2005      Lecturer and Examiner, UHWI Post Basic Emergency Medicine Nursing Course.

1995 - 2005      Lecturer, UHWI Post Basic Intensive Care Course

### **Continuing Medical Education**

1987 - present      Occasional presentation at weekly Clinico-pathological Conferences.

1987 - present      Outreach Programme to Rural Government Hospitals.

1987 - present      Weekly Surgical case presentations and discussion.

2000              Tutor and Instructor, Advanced Trauma Life Support Programme.

## **EDUCATIONAL ADMINISTRATION**

1988              Development of Emergency Medical Services at the UHWI.

1993              Establishment of Post Basic Nursing Course in Emergency Medicine (in conjunction with UHWI School of Nursing).

1993              Developed Curriculum for Post Basic Training in Emergency Medicine Nursing

1995              DM Emergency Medicine – developed curriculum for this 4 year programme

1998              Development of Postgraduate teaching in Emergency Medicine at the UWI, Mona.

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|----------------|--|
| 1999 - present | Development and maintenance of an MCQ bank for the yearly MCQ Examination, which is a requirement of the Revised DM Emergency Medicine Programme.  |
| 2001           | Introduction of the Advanced Trauma Life Support Course to Jamaica as part of effort to improve trauma care island wide.   |
| 2003 – 2004    | Facilitated the revision of Senior Surgical Clerkships and introduced objective methods of end of clerkship assessment   |
| 2004           | Facilitated the development of the “Surgical OSCE” used in the final MB BS Examinations  |
| 2005 – 2007    | Collaborated with the Curriculum Coordinator to revise the new MB BS Curriculum to achieve the following: <ul style="list-style-type: none"> <li>○ Reduction in didactic lectures by 15 percent</li> <li>○ Conversion of modules to UWI courses</li> <li>○ Discontinued end of semester integrated examinations</li> <li>○ Introduced UWI course examinations at the end of each semester</li> <li>○ Discontinued Stage 1 MB BS Examinations</li> <li>○ Develop GPA scheme for the Faculty of Medical Sciences.</li> </ul> |

### **RESEARCH INTERESTS**

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|----------------|--|
| 1989           | The Use of Fine Needle Aspiration Biopsy in the Diagnosis of Breast Cancer at the University Hospital of the West Indies.                              |
| 1998 - present | Development and maintenance of a Trauma Registry in the Department of Surgery, UWI, Mona.  |
| 1998           | Design of Injury Surveillance Project for the island of Jamaica (in collaboration with the Ministry of Health and the Centre for Disease Control, USA) |

## ATTENDANCE AT LEARNED SOCIETIES AND CONFERENCES

- 1981 Eighth Dr Ena Thomas Memorial Lecture and Symposium on Liver Disease; Kingston, Jamaica.
- 1982 Ninth Dr Ena Thomas Lecture and Symposium on Oncology; Kingston, Jamaica.
- 1983 Association of Surgeons - 26<sup>th</sup> Annual Clinical Meeting; Ocho Rios, Jamaica.
- 1983 Tenth Dr Ena Thomas Memorial Lecture and Symposium; Kingston, Jamaica
- 1984 Association of Surgeons in Jamaica - 27<sup>th</sup> Annual Clinical Meeting, Ocho Rios, Jamaica.
- 1985 Association of Surgeons in Jamaica - 28<sup>th</sup> Annual Clinical Meeting, Rios, Jamaica
- 1985 Tenth Dr Ena Thomas Memorial Lecture and Symposium on Trauma; Kingston, Jamaica
- 1986 Association of Surgeons in Jamaica in Jamaica – 29<sup>th</sup> Annual Clinical Meeting, Ocho Rios, Jamaica.
- 1986 Thirteenth Dr Ena Thomas Memorial Lecture on Advances in Surgery, Kingston, Jamaica.
- 1987 Association of Surgeons in Jamaica – 30<sup>th</sup> Annual Clinical Meeting, Ocho Rios, Jamaica
- 1988 Association of Surgeons in Jamaica – 31<sup>st</sup> Annual Clinical Meeting, Ocho Rios, Jamaica
- 1988 First Jamaica Annual Burn Symposium, Kingston, Jamaica.
- 1988 UWI. Medical Alumni International Conference, Ocho Rios, Jamaica.
- 1989 Association of Surgeons in Jamaica – 32<sup>nd</sup> Annual Clinical Meeting, Kingston, Jamaica
- 1989 Second Jamaica Annual Burn Symposium, Kingston, Jamaica
- 1990 Association of Surgeons in Jamaica - 33<sup>rd</sup> Annual Clinical Meeting, Kingston, Jamaica
- 1990 Third Jamaica Annual Burn Symposium, Kingston, Jamaica
- 1991 Association of Surgeons in Jamaica, 34<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1991 Fourth Jamaica Annual Burn Symposium, Kingston, Jamaica

- 1992 Commonwealth Caribbean Medical Research Council 37<sup>th</sup> Scientific Meeting, Curacao.
- 1992 Fifth Jamaica Annual Burn Symposium, Kingston, Jamaica
- 1992 Association of Surgeons in Jamaica, 35<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1992 Southern Ontario Association of Surgeons Annual Meeting, Ocho Rios, Jamaica.
- 1993 Sixth Jamaica Annual Burn Symposium, Kingston, Jamaica
- 1993 Association of Surgeons in Jamaica, 36<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1994 Association of Surgeons in Jamaica, 37<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1995 Commonwealth Caribbean Medical Research Council, 40<sup>th</sup> Scientific Meeting, Barbados.
- 1995 Association of Surgeons in Jamaica, 38<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1996 Ninth Annual Jamaica Annual Burn Symposium, Kingston, Jamaica
- 1996 Association of Surgeons in Jamaica, 38<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1996 Commonwealth Caribbean Medical Research Council, 41<sup>st</sup> Scientific Meeting, Trinidad.
- 1997 Third Congress Japanese Society of Disaster Medicine, Tokyo, Japan
- 1997 Tenth Congress, Pan-American Trauma Society, Miami, Florida.
- 1997 Association of Surgeons in Jamaica, 40<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1998 Association of Surgeons in Jamaica, 41<sup>st</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1998 The Society of Black Academic Surgeons - Eighth Annual Scientific Assembly Washington DC, USA.
- 1999 Commonwealth Caribbean Medical Research Council, 43<sup>rd</sup> Scientific Meeting, Barbados.
- 1999 Association of Surgeons in Jamaica, 42<sup>nd</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 1999 The Jamaican Orthopaedic Association, 4<sup>th</sup> Annual Symposium, Kingston, Jamaica.

- 2000 American College of Surgeons, Annual Meeting, Chicago, U.S.A.
- 2000 Association of Surgeons in Jamaica, 43<sup>rd</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 2000 Blue Cross Annual Symposium, Kingston, Jamaica.
- 2001 Association of Surgeons in Jamaica, 44<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 2001 Joint Meeting of the Royal College of Surgeons of England and Caribbean Surgeons, Barbados.
- 2001 Inaugural Meeting of the Jamaica Emergency Medicine Resident's Association, Kingston, Jamaica.
- 2001 Mona Academic Conference 2001 - Health Issues in the Caribbean UWI., Mona, Kingston, Jamaica.
- 2001 American College of Surgeons, Annual Meeting, New Orleans, U.S.A.
- 2002 2<sup>nd</sup> Meeting of the Jamaica Emergency Medicine Association, Kingston, Jamaica.
- 2002 Association of Surgeons in Jamaica, 45<sup>th</sup> Annual Clinical Meeting, Ocho Rios Jamaica.
- 2003 3<sup>rd</sup> Meeting of the Jamaica Emergency Medicine Association, Kingston, Jamaica.
- 2003 Association of Surgeons in Jamaica, 46<sup>th</sup> Annual Clinical Meeting, Ocho Rios Jamaica.
- 2004 American College of Surgeons, Annual Meeting, New Orleans, U.S.A.
- 2004 4<sup>th</sup> Meeting of the Jamaica Emergency Medicine Association, Kingston, Jamaica.
- 2004 Association of Surgeons in Jamaica, 47<sup>th</sup> Annual Clinical Meeting, Ocho Rios Jamaica.
- 2005 Meeting of the Jamaica Emergency Medicine Association, Kingston, Jamaica.
- 2005 Association of Surgeons in Jamaica, 48<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.

- 2006 Association of Surgeons in Jamaica, 49<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.
- 2007 Association of Surgeons in Jamaica, 50<sup>th</sup> Annual Clinical Meeting, Kingston, Jamaica.

## **PAPERS PRESENTED TO LEARNED SOCIETIES AND CONFERENCES**

- 1988 “Breast lumps - Advances in management.”  
**A. McDonald**  
Annual Clinical meeting, Association of Surgeons in Jamaica, Kingston, Jamaica.
- 1988 “Accidents in Jamaica and their effects on the island’s financial resources.”  
**A. McDonald**  
National Safety Council, Kingston, Jamaica
- 1992 “Accident and Emergency Unit at UHWI. - The Initial Experience.”  
**A. McDonald**  
Commonwealth Caribbean Medical Research Council, 37<sup>th</sup> Scientific Meeting, Curacao.
- 1992 “Wound healing in the Accident and Emergency Unit at the UHWI.”  
**A. McDonald**  
Commonwealth Caribbean Medical Research Council, 37<sup>th</sup> Scientific Meeting, Curacao.
- 1992 “Aetiology of Injuries Presenting to the UHWI”.  
**A. McDonald**  
Southern Ontario Association of Surgeons Annual Meeting, Ocho Rios, Jamaica.
- 1995 “Preventable Trauma Deaths at The UHWI.”  
**A. McDonald**, N. Duncan, DIG. Mitchell  
Commonwealth Caribbean Medical Research Council, 40<sup>th</sup> Scientific Meeting, Barbados.
- 1995 “Trauma Care in the Caribbean”  
**A. McDonald**  
EMCON ‘95: Society of Trauma, Emergency and Critical Care, Nassau, Bahamas.
- 1995 “Trauma in The ER at UHWI”  
**A. McDonald**  
22<sup>nd</sup> Annual Dr, Ena Thomas Memorial Symposium  
November 19, 1995, Kingston Jamaica
- 1996 “The Prevalence of Cannabis abuse in Trauma Patients Presenting to the University Hospital of the West Indies.”  
**A. McDonald**, N. Duncan, DIG. Mitchell  
Commonwealth Caribbean Medical Research Council, 41<sup>st</sup> Scientific Meeting, Trinidad.
- 1996 “The Internet and Surgery”

- A. McDonald**  
Annual Clinical Meeting, Association of Surgeons in Jamaica, Kingston, Jamaica
- 1997 “Trauma Costs at the UHWI”  
**A. McDonald**  
Faculty of Medical Sciences Annual Research Day, Mona, Kingston, Jamaica.
- 1997 “Disasters and Disaster Preparedness in Jamaica”  
**A. McDonald**  
3<sup>rd</sup> Congress, Japanese Association for Disaster Medicine, Tokyo, Japan.
- 1997 “Cannabis Abuse in Trauma Patients Presenting to the Emergency Room at UHWI.”  
**A. McDonald**, N. Duncan, R. Carpenter  
The Society of Black Academic Surgeons - Eighth Annual Scientific Assembly  
Washington DC, USA
- 1998 “Management of the Critically Ill”  
**A. McDonald**  
Annual Clinical Meeting, Association of Surgeons in Jamaica, Kingston, Jamaica.
- 1999 “Comparison Between Patterns of Trauma in Rural and Urban Jamaica”  
N. Dawkins, **A. McDonald**, I. Titus  
Caribbean Health Research Council, Bridgetown, Barbados.
- 1999 “Trauma Epidemiology in Jamaica”.  
**A. McDonald**  
The Jamaican Orthopaedic Association 4<sup>th</sup> Annual Symposium, Kingston, Jamaica.
- 1999 “The Impact of Trauma on Financing Health Care in Jamaica”  
**A. McDonald**  
Junior Doctors’ Association Annual Symposium, Kingston Jamaica.
- 2000 “Preventable Trauma Deaths”\_  
**A. McDonald**  
Surgical Grand Round Lecture Series, Department of Surgery,  
Mona, UWI
- 2001 “Injury Disorders and Their Impact”  
**A. McDonald**  
Annual Blue Cross Symposium, Kingston Jamaica.
- 2001 “Drug Abuse in Trauma Patients in Jamaica”  
**A. McDonald**  
Joint Meeting of Royal College of Surgeons of England and Caribbean Surgeons.  
Barbados March 2001.
- 2001 “Trauma Care in Jamaica”  
**A. McDonald**

- Inaugural Meeting of Jamaica Emergency Medicine Association, Kingston, Jamaica.
- 2001 “Injuries – The Broad Picture”  
**A. McDonald**  
Mona Academic Conference 2001. Kingston, Jamaica
- 2002 “ATLS Training in the Caribbean”  
**A. McDonald**  
Jamaica Emergency Medicine Association, Second annual Conference.  
Kingston, Jamaica
- 2003 “Trauma Care in Jamaica”  
**PR Fletcher, AH McDonald**  
Canada
- 2003 “Skills empowerment: Are men still marginalized?” City of Kingston Forum, Hilton Hotel, Kingston Jamaica, **A. McDonald**
- 2003 “Surgery in the Senior Years: What, where and how?” Faculty of Medical Sciences Research Conference, UWI, Mona. **A. McDonald**

## **PUBLICATIONS – PEER REVIEWED:**

1. **Benign Biliary Strictures**  
A. McDonald, PR Fletcher, JM Brandy, DR Duquesnay.  
W. I. Med. J. (1988) 37:54 -57
2. **Incarcerated Obturator Hernia**  
A. McDonald, PR Fletcher, AB Rao, and Titus I.  
W. I. Med. J. (1988) 37:110-113.
3. **Fine Needle Aspiration Biopsy in the Diagnosis of Breast Cancer**  
A. McDonald, B. Hanchard, D. Shah, PR Fletcher, and DR Duquesnay.  
W. I. Med. J. (1990) 39: 71-73.
4. **Ruptured Rectal Prolapse**  
A. McDonald, P. Fletcher  
W. I. Med. J. (1990) 39:190-192
5. **Spontaneous Rupture Of The Normal Colon**  
A. McDonald, P. Fletcher.  
W. I. Med. J. (1991) 40:98-100.
6. **Colo-Mucosal Proctectomy with ileo-anal anastomosis (c-mp-aa).**  
DR Duquesnay, S. Venugopal, PR Fletcher, A. McDonald.  
W. I. Med. J. (1992) 41:122-125
7. **The Thoracic Outlet Syndrome**  
A. McDonald, H. Depaz, and DR Duquesnay.  
W. I. Med J. (1993) 42: 29-30.
8. **Cavernous Haemangioma of the Duodenum: A rare cause of Gastro-Intestinal Bleeding.**  
MG Lee, A. McDonald, and C.Escoffery.  
W. I. Med. J. (1993) 42:34-36.
9. **Hydrops of the gallbladder**  
A. McDonald, N. Duncan, and R. Carpenter.  
W. I. Med. J. (1993) 42:129-130.
10. **Admissions for Trauma at the University Hospital of the West Indies- A Prospective Study.**  
I. Crandon, R. Carpenter, A. McDonald  
W.I. Med. J. (1994) 43: 17 - 120.
11. **Perforation of the Oesophagus secondary to blunt chest trauma.**  
A. McDonald, DIG. Mitchell, W. Aiken, PR Fletcher.  
Postgrad. Med. J. (1995) 71: 635 - 638.
12. **Plexiform Neurofibroma: A rare cause of Obstructive Jaundice**  
DIG. Mitchell, G. Char, A. McDonald, P. Scott

- W. I. Med. J (1995) 44: 146 - 147.
13. **Torsion of an Intra-Abdominal Testicle in a Neonate: Case report and review of the literature.**  
ND Duncan, L. Gabay, KCM. Coard, M. Antoine and A. McDonald  
W. I. Med. J. (1997) 46: 126
  14. **Trauma Aetiology and Cost in the Accident and Emergency Unit at the UHWI**  
A. McDonald, ND Duncan, DIG Mitchell, PR Fletcher.  
W. I. Med. J (1999) 48:3, 141 – 142.
  15. **Alcohol, Cannabis and Cocaine Usage in Patients with Trauma Injuries**  
A. McDonald, ND. Duncan, DIG. Mitchell  
W. I. Med. J. (1999) 48:4, 200 - 202.
  16. **Cholecystectomy in Jamaican Children with Homozygous Sickle-Cell Disease.**  
ND Duncan, AH McDonald, DIG Mitchell.  
Tropical Doctor (2000), 30, 214 – 216.
  17. **Chronic Relapsing Pancreatitis in a Child: Use of The Puestow Procedure to Achieve Ductal Drainage.**  
ND Duncan, A. McDonald, M. James, B. Brown, DIG Mitchell.  
W. I Med J (2000) 49(3) : 242 – 245.
  18. **Colonic Lipomas at the University Hospital of the West Indies.**  
DIG Mitchell, AH McDonald, NP Williams, CAR Royes, ND Duncan, B. Hanchard  
W. I Med J (2001) 50(3): 144 - 147
  19. **Granulomatous Lobular Mastitis**  
M. Newnham, S. Shirley, A. McDonald.  
W. I. Med J (2001) 50(3) 236 - 238.
  20. **Patterns of Trauma Injuries in Rural and Urban Jamaica.**  
A. McDonald, N. Dawkins, I. Titus  
W I Med J (2001) 50(3) 214 – 217.
  21. **Management of Hepatic Cysts by Percutaneous Drainage and Instillation of Tetracycline Hydrochloride – A Report of Two Cases.**  
M. E. C. McFarlane, R. Venogopal, A. McDonald , R. Ewing, M. S. Newnham  
W. I. Med J (2001) 50(3) 230 - 233.

22. **Biliary Surgery in Sickle Cell Disease: The Jamaican Experience**  
ND Duncan, AI Smith, AH McDonald, DIG Mitchell  
J. Edin. Coll of Surg. 47 (1) 414 -17
23. **Trauma Care in Jamaica: A Time For Decisions**  
A. McDonald  
W. I. Med J (2002) 51(3) 167 – 170.
24. **A Profile of Injuries in Jamaica.** S. Arscott-Mills, E.Ward, A. McDonald  
ICSP (2002): 4 (9) 227 – 34.
25. **Improving Medical Undergraduate Trauma Education through the Trauma Evaluation and Management Programme at Mona**  
J. Ali, AH McDonald, M. Newnham.  
W. I Med J (2003) 52 (1) 45 – 8.
26. **Potential Role For The Advanced Trauma Life Support (ATLS®) Programme in Improving Trauma Care in Jamaica**  
A. McDonald, J. Ali, R. Adam, DIG Mitchell, M. Newnham, A. Barnett, E. Williams, J. Buchanan.  
W. I. Med. J. (2003) 51 (1) 45 – 48.
27. **“Surgery in Jamaica”** PR Fletcher, AH McDonald, T. McCartney, R. Carpenter  
Arch Surg 2003 (138): 1150-53.
28. **“Bilateral Simultaneous Rupture of Quadriceps Tendon.”** EW Williams,  
AH McDonald, P. Singh  
W. I. Med J. 2003; 53(2): 118-21.
29. **“The Management of Isolated Splenic Abscess.”** JM Plummer, TN Gibson,  
MS Newnham, AH McDonald  
W. I. Med J. (2004); 53(3): 201-2.
30. **“A Reasoned approach to the management of ureteric colic in the emergency department.”** Jean Williams-Johnson, William Aiken, and Archie McDonald  
Postgraduate Doctor (2004) Volume 20 No 4, 123-27.
31. **“Endoscopic Retrograde Cholangiopancreatography Use at the University Hospital of the West Indies.”** JM Plummer, M. Arthurs, AH McDonald, DIG Mitchell, MEC McFarlane, MS Newnham, W. West.  
W. I. Med J. (2004); 53(4): 234-7.
32. **“A Modifiable Risk Factor for the Occurrence of Hip Fractures in the Elderly.”** JA Williams-Johnson, RJ Wilks, AH McDonald.  
W. I. Med J. (2004); 53(4): 238-41.
33. **“Civillian Rectal Trauma: The surgical Challenge”.** JM Plummer, AH McDonald, MS Newnham, MEC McFarlane.  
W. I. Med J. (2004); 53(6): 382 – 86.
34. **“Óesophageal Foreign Bodies at the University Hospital of the West Indies.”** EW

- William, D. Chambers, H. Ashman, J Williams-Johnson, P. Singh, **AH McDonald**, M. Reid, B. Brown. W. I Med J (2005); 54(1): 47-50.
35. **“Emergency Medicine in Jamaica.”** **A. McDonald**, J. Williams-Johnson, E. Williams, S. French. Can J Emerg Med 2005;7(5):340-3.
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  58. **“Clinicopathological profile of gastric carcinomas at the University Hospital of the West Indies.”** JM Plummer, T. Gibson, MEC McFarlane, B. Hanchard, A. Martin, **AH McDonald**. W. I. Med J 2005; 54 (Suppl. 2): 58.
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**A. McDonald**, J. Branday, R. Carpenter.  
Department of Surgery, UWI. 1991 - Revised 1992.

### **Procedure Manual for the Accident and Emergency Unit, UHWI**

**A. McDonald**  
Department of Surgery UWI. 1992.

### **Undergraduate Surgical Education – Aims and Objectives**

JM Branday, R. Carpenter, C. Royes, **A. McDonald**, M. McFarlane  
Dept of Surgery, UWI 1992.

“**Surgery in the Elderly; What, Where & How.**” **A. McDonald** Workshop Proceedings:  
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## RESEARCH PROJECTS:

- 1990            **Fine Needle Aspiration Biopsy in the Diagnosis of Breast Cancer.**  
Prior to the publication of this paper, mastectomies at the UHWI and in Jamaica were only done on the basis of open or core needle biopsies. This project has therefore had a profound impact on the practice of surgery in Jamaica. Mastectomies are now frequently based on the result of this technique and the Department of Pathology, UHWI has further developed the procedure and is able to give a report in twenty minutes. The technique is cheap and has resulted in significant savings to patients and institutions.
- 1992            **A Three Year Review of the Morbidity Pattern of Cases seen in the Accident and Emergency Unit at the UHWI.**  
Presented at Commonwealth Caribbean Medical Council Conference in 1992.
- 1988 -1990    **A Prospective Audit of Wounds Sutured in the newly Established Accident and Emergency Unit at the UHWI.**  
Presented at the Commonwealth Caribbean Medical Council Conference in 1992.
- 1993 - 1995    **Review of Trauma Deaths at the University Hospital of the West Indies.**  
Preliminary report presented to Commonwealth Caribbean Medical Council conference in 1995.
- 1993 – 1994    **Prospective Study of Trauma Admissions to The University Hospital of the West Indies.**
- 1995            **Trauma Epidemiology in Jamaica.**  
This study was commissioned by the Association of Surgeons in Jamaica and the findings reported at a press conference in 1995. This attracted national attention and the results were reported in the **Daily Gleaner, May 6, 1995 – ‘Surgeons Suggest Strict Measures to deal with Trauma’**. It also brought to national

attention the high incidence of dog bites in Jamaican Society and was reported in another **Gleaner** article, **May 24, 1995 – “Many Jamaicans Bitten by Dogs – Survey”**.

- 1996 **Analysis of Trauma Aetiology and Costs in the Accident and Emergency Unit at the University Hospital of the West Indies.**  
Data presented at the Faculty of Medical Sciences Annual Conference in 1997. The full paper was published in the West Indian Medical Journal in 1999. This project attracted national attention and was the subject of the Headlines in the **Daily Gleaner, October 23, 1997 – “Trauma Bleeds Hospital”**.
- 1996 **A Prospective Study of Morbidity Patterns of Emergency Cases at the University Hospital of the West Indies.**  
Presented to the Caribbean Health Research Council Annual Conference.
- 1998 **“Alcohol, Cannabis and Cocaine Usage in Patients with Trauma Injuries”**.  
This was published in the West Indian Medical Journal, 1999. The study has attracted national and international attention. It suggested the higher prevalence of Cannabis among patients injured in motor vehicle accidents in Jamaica. This is contrary to the popularly held view that alcohol usage is greater than that of cannabis in this group of patients. The findings were published in the **Daily Gleaner, February 27<sup>th</sup> 2000 – “Study shows ganja is a more significant cause of auto crashes than alcohol”**. It also contributed to the national debate on legalization of ganja and was mentioned in numerous letters and articles in both the Gleaner and Observer. Internationally there has been many requests for reprints and the full article has been entered in the Project Cork Resource Centre’s database. This Data Base is mounted on the Dartmouth College Library system and can be accessed via the Vermont Health Department’s website. As a result of this study the Nation Road Safety Council of the Ministry of Transport has invited me to do a similar study across Jamaica. The project proposal is now being drafted.
- 1998 **A Prospective Study comparing the Patterns of Trauma in Rural and Urban Jamaica.**  
Accepted for publication by the West Indian Medical Journal. Represents the first documented evidence of the pattern of injuries in rural Jamaica.
- 1998-present **Trauma Registry - Prospective Collection of comprehensive data on Trauma Admissions at the University Hospital of the West Indies**  
Has already resulted in several publications and presentations. Plans are to extend the registry Nation wide.
- 1998 **Survey of injuries presenting to the Emergency Rooms of the University Hospital of the West Indies, Bustamante Hospital for Children and the Kingston Regional Hospital.**  
This was a joint project between the Centre for Disease Control and the Ministry

of Health and the University of the West Indies. The survey utilized the International Classification of the External Causes of Injuries and this represented the first time this instrument was being used. It also served as a pilot project for the development of an injury surveillance for Jamaica (JISS).

- 2000 **Jamaica Injury Surveillance System – Report on Data analyzed from Three Hospitals – December 1999 – May 2000.**  
Presented to the UWI Medical Alumni, Sixth International Medical Conference, St Kitts, November 2001.
- 2000 **The Impact of Socio-economic Factors on Utilization of Accidents and Emergency Department at the UHWI by Asthmatics.**  
Presented to the UWI Medical Alumni, Sixth International Medical Conference, St Kitts, November 2001.
- 1998 - 2000 **Prospective study of Ocular Injuries presenting to the Accident and Emergency Department at the UHWI.**
- 2004 – **An Assessment of the Economic Impact of Injuries on the Jamaican Economy** – Collaborative project with TMRI and Department of Economics.

## **SPECIAL PROJECTS**

1986 - 2002     **Development of the Accident and Emergency Unit At the University Hospital of the West Indies.**

In 1986, the board of the UHWI decided that the care of Emergency cases presenting to the hospital should be improved. The Department of Surgery was given responsibility for this. A section of the old Casualty was partitioned and all accidents and emergency cases were seen there. I was the consultant in charge of the new unit. When funding was identified for construction of a new physical facility I played an integral part in the planning and design of the new facility, which was commissioned in 1993. In 1997 the Accident and Emergency Unit was voted the best emergency facility in Jamaica by the "Gleaner". In January 2000, the Casualty Department was incorporated into the Emergency medicine Department. This has resulted in a more efficient operation and improved patient care, teaching and research in this area of the hospital.

1987 - 2002     **Development of Emergency Medicine at the Mona Campus of the UWI.**

Prior to 1987, the teaching and research activities in the Casualty Department of the UHWI had ceased almost completely. After the Department of Surgery was given administrative responsibility for the area, an in service training programme consisting of weekly teaching sessions with doctors and nurses was commenced. Teaching of medical students also resumed. In 1997, the DM Emergency Medicine was introduced at the Mona Campus and I was appointed supervisor for this postgraduate programme. There are presently 23 residents enrolled and thirteen graduates from this Programme. Four are consultants and Associate lecturers in the Emergency Medicine Department. Two are working in the Cayman Island and one is in the Bahamas. The others are employed as Emergency Physicians in public hospitals across the island. This introduction of fully trained consultant Emergency Physicians in Emergency rooms in Jamaica has led to a significant improvement in patient care. A Clerkship in Emergency Medicine was introduced at Mona in 2004 and has received high ratings from the students.

1993 - 1994     **Establishment of data collection system for Accident and Emergency Unit, UHWI**

To facilitate research in this area of the hospital a data collection system was established in 1993. Demographic data, diagnosis, disposal and cause of injuries were recorded in log books and a personal computer. This data has been used by many individuals and departments for research and has yielded several publications and presentations. The data has also been used to plan staff deployment and patient flow through the department.

1993             **Establishment of Post Basic Nursing Course in Emergency Medicine**

At the suggestion of Professor Peter Fletcher, a Post Basic nursing course was started in 1993. I was a member of the organizing committee that planned the curriculum for the course. I have been a lecturer and examiner for the course since its inception. It has so far graduated 77 nurses from the UHWI, Jamaican Government service, Cayman and well as the Eastern Caribbean.

1998

**Development of Injury Surveillance System for Jamaica**

This project was done in collaboration with a working group from the Ministry of Health, Kingston Regional Hospital and the Centre for Disease Control from the United States of America. This is a computerized system that tracks injuries presenting to Accident and Emergency Departments in Jamaica. It is now in place in five hospitals. Several publications and presentations have resulted from this project.

1998

**Development of Trauma Registry at the UHWI**

In 1997, as a result of the high prevalence of trauma in Jamaica, the Department of Surgery decided that this would be one of three main areas of research in the Department. As the trauma resource person in the Department, I was given the task to develop a trauma registry for the UHWI. On the advice of Professor Lenworth Jacobs, a member of the American College of Surgeons' Committee on Trauma, I successfully negotiated and obtained the software programme needed to run the registry from Cales & Associates, Louisville, Kentucky, USA. This was obtained free of cost although it normally sells for US \$ 7000.00. This project is now the main research thrust of the department and has resulted in several publications and presentations. It also provides an objective method to audit the care of trauma patients admitted to the UHWI. There are plans to expand the registry to other hospitals island wide.

2000

**Establishment of the Advanced Trauma Life Support (ATLS) Programme in Jamaica.**

This programme, which is run by the American College of Surgeons, has been shown to improve the care of trauma patients wherever it is implemented. It also raises the awareness of caregivers to injuries in their communities and raises interest in preventative measures. The first country outside the USA in which the ATLS programme was introduced was Trinidad and Tobago (1986). Since then there have been numerous publications in the international and local literature documenting the effectiveness of the programme. There are two publications from the ATLS programme in Jamaica to date. 164 doctors have been trained so far. The programme was only allowed to be conducted in Jamaica with Directorship from Trinidad. In October 2004 I made a presentation at the American College of Surgeons Annual Congress for ATLS to be conducted in Jamaica independent of Directorship from Trinidad. This was approved and is the first time that a country has been able to obtain approval to run ATLS courses without having to be subjected to a rigorous quality assurance exercise which cost approximately US \$ 80,000.

- 2004            **Income Generation Projects – Faculty of Medical Sciences, Mona**
- Proposed and developed Full Fee Paying Programme as Income Generating Project for the Faculty of Medical Sciences, Mona Campus. This has become the main income generating activity for the Faculty and the UWI and has earned over half billion dollars to date. Attempts are now being made to duplicate this programme in other faculties.
- 2005            **Infrastructure Development**
- Supervised the design and construction of new lecture theatres for the faculty in order to accommodate increased student enrolment in the Faculty. Many other areas of faculty refurbished including two computer laboratories. Plans now being developed for construction of new complex for Basic Medical Sciences.
- 2005            **Curriculum Review**
- In 2005 on assuming office of Dean found that the new curriculum for the MB BS Programme which commenced in 2001 was not accepted by many members of the academic staff and was not designed in keeping with the documented philosophy of encouraging self directed learning and development of lifelong learners. Dean's Task Force was established and revised the curriculum reducing didactic lectures by approximately 15 percent, changed all modules into university courses and implemented semester based assessment for courses. GPA system was developed and introduced and the Stage 1 examinations discontinued.
- 2006            **Establishment of Clinical Trials Centre, Faculty of Medical sciences**
- This represents a strategic move which will enhance the research capabilities for and also earn significant income. Several trials are currently in progress.
- 2006            **Establishment of the Medical Education Unit in the office of the Dean, FMS**
- This will address staff development and improve pedagogic skills of academic staff.

### **Special Interests**

- **Traumatology** – Development of an organized system of care for injured patients in Jamaica. This includes the development of an Emergency Medical System, improving trauma care in hospitals through programmes such as the Advanced Trauma Life Support as well as planning and implementing preventative measures.

- **Emergency Medicine** – Establishment of Emergency Medicine in Jamaica as a specialty and improving Emergency Care through training of health care professionals such as doctors, nurses and emergency technicians. The Training programmes such as the DM Emergency Medicine and the Post Basic Course in Emergency Medicine need to be further strengthened.
- **Development of an Ambulatory Surgical Service at the UHWI.** – This will improve the care of surgical patients and will result in income generation for the UHWI and savings for the patients.