



WEST INDIAN MEDICAL JOURNAL

Supplement

Vol 65 (Suppl 5): 1 – 83

September 29 – 30, 2016

ISSN 0043-3144 WIMJAD

**School of Clinical Medicine and Research, The Bahamas
The University of The West Indies (UWI)
Nassau, The Bahamas**

presents

The 10th Annual Research Day

***THEME:* Clinical and Community Medicine
A Vital Research Partnership**

September 29 – 30, 2016

**College of The Bahamas Auditorium
Grosvenor Close Campus
Nassau, The Bahamas**

EDITORIAL BOARD

Chairman

W Abel

Editor-in-Chief

EN Barton

Associate Editors

D Cohall

DT Gilbert

A Hennis

G Hutchinson

Assistant Editors

W Abel

MO Castillo-Rangel

T Clarke

T Ferguson

W Francis

J Plummer

PJ Ramphal

AK Soyibo

H Trotman

Deans

P Adams

H Fletcher

T Seemungal

R Roberts (Director, UWI Clinical Training Programme)

Treasurer

E Robinson

T Alleyne

F Bennett

C Christie-Samuels

IW Crandon

N Duncan

Y Fugita

F Henry (CFNI)

J Hospedales (PAHO)

T Jones

GC Lalor (ICENS)

W McLaughlin

MO Owolabi

A Pearson

T Richards

DT Simeon (CARPHA),

MF Smikle, Y Zhao

Editorial Advisory Board

B Bain, J Bennett, M Boyne

FC Brosius III

G Burkett

W De La Haye

H Daisley

D Eldemire-Shearer

C Escoffery

LF Ferder

JP Figueroa

J Frederick

B Hanchard

N Kissoon

M Lee

A McCaw-Binns

C Ogunsalu

OO Oguntibeju

A Ojo

H Reid

M Samms-Vaughan

GR Serjeant

WH Swanston

AAE Verhagen

M Voutchkov

RJ Wilks

R Young

Past Editors

JL Stafford 1951–1955

JA Tulloch 1956–1960

D Gore 1961

CP Douglas 1962

D Gore 1963–1966

P Curzen 1967

RA Irvine 1967–1969

TVN Persaud 1970–1972

GAO Alleyne 1973–1975

V Persaud 1975–1995

D Raje 1995–1996

WN Gibbs 1996–1999

BUSINESS INFORMATION

Copyright: Material printed in the Journal is covered by copyright and may not be reproduced in whole or in part without the written permission of the Editor. Single photocopies may be made by individuals without obtaining prior permission.

Microform: The Journal is available in microform from Bell and Howell Information and Learning.

Abstracting and Indexing: The Journal is currently included in major abstracting and indexing services.

Correspondence should be addressed to:

THE EDITOR-IN-CHIEF, West Indian Medical Journal, Faculty of Medical Sciences, The University of the West Indies, Kingston 7, Jamaica

e-mail: wimj@uwimona.edu.jm, **webpage:** <http://www.mona.uwi.edu/fms/wimj/>, www.scielo.org

Telephone (876) 927-1214 Fax (876) 927-1846

ANNUAL SUBSCRIPTION:

Overseas US\$175.00

Local J\$9500.00



**School of Clinical Medicine and Research, The Bahamas
The University of The West Indies (UWI)
Nassau, The Bahamas**

presents

The 10th Annual Research Day

***Theme: Clinical and Community Medicine
A Vital Research Partnership***

September 29–30, 2016

**College of The Bahamas Auditorium
Grosvenor Close Campus
Nassau, The Bahamas**

Editor-in-Chief
Professor EN Barton

Scientific Editors

Dr DT Simeon	Professor G Hutchinson
Professor E Le Franc	Professor C MacPherson
Professor DD Ramdath	Professor M Reid
Professor M Thame	Dr S Keizer Beach

PUBLISHED BY THE WEST INDIAN MEDICAL JOURNAL
FACULTY OF MEDICAL SCIENCES
THE UNIVERSITY OF THE WEST INDIES, MONA, KINGSTON 7, JAMAICA, WI

CONTENTS

Foreword	5
Message from the Editor-in-Chief	7
Acknowledgements	8
Keynote Speakers Faculty	9
Programme	11
School of Clinical Medicine and Research, The Bahamas	14
General Information	15
1 st Scientific Session	
Quality of Life	16
2 nd Scientific Session	
Health Challenges and Outcomes	19
3 rd Scientific Session	
Formal Opening	21
The Royal Bank of Canada Lecture	21
4 th Scientific Session	
Technology and Medicine, Perinatal and Morbidity	22
5 th Scientific Session	
Child Health, Infectious diseases	24
6 th Scientific Session	
Oncology updates	26
Past Research Day Abstracts	
Ninth Annual Research Day	
Maternal and Child Health	
September 24 – 26, 2015	29
Eighth Annual Research Day	
Hypertension: Bettering Prevention and Treatment in The Bahamas	
September 18 – 19, 2014	39
Seventh Annual Research Day	
Advancing the Population’s Health: Shifting the Curve	
September 19 – 20, 2013	49
Sixth Annual Research Day	
Building Health Communities: The Research Agenda	
September 20 – 21, 2012	60

Fifth Annual Research Day	
Building The Foundation for National Health Priorities	
April 8, 2011	70
Fourth Annual Research Day	
The Social Determinant of Healthcare	
April 9, 2010	73
Third Annual Research Day	
The Onset of Diseases: Genes <i>Versus</i> Environment	
April 17, 2009	76
Second Annual Research Day	
Health Issues in The Bahamas Public Sector	
April 11, 2008	79
First Annual Research Day	
Medical Research: Improving Health in The Bahamas	
April 15, 2007	81