

Scientific Research Council, Jamaica
 In partnership with
IPICA and CAP4INNO

**4th Biennial National Science and Technology
 Conference & Exposition
 November 14 -15, 2016; Jamaica Pegasus Hotel**

“Science Technology and Innovation: Stimulus for Health, Wealth and Wellness”



**Dr. the Hon
 Andrew Wheatley;**
 Minister of Science,
 Energy & Technology



Dr. Cliff Riley;
 Executive
 Director, SRC



**Prof. The Hon.
 Errol Morrison;**
 Director Gen. NCST,
 Chairman SRC



Ms. Lilly Claire Bellamy
 Executive Director, JIPO



Dr. Winston Dela-Haye;
 Chief Medical Officer,
 MOH



Mrs. Michelle Chong;
 President JEA



Mr. Don McGlashan;
 Director Gen. MICA

PROGRAMME

Day One: Monday, November 14, 2016

Time	Event
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8:00 am - 8:45 am

MORNING REGISTRATION

8:45 am - 9:15 am

OPENING CEREMONY

Distinguished Science, Technology & Innovation Lecture:
*Chair: Professor Errol Morrison, Chairman, SRC Board of Director and Director General,
 National Commission on Science and Technology, Jamaica*

9:15 am - 10:15 am

Research and Innovation Driving National Development:
**Dr. the Hon. Andrew Wheatley, Minister of Science, Energy
 and Technology**

10:15 am - 10:40 am

COFFEE BREAK

10:40 am - 11:00 am

Overview of Conference and IPICA Project
**Dr. Cliff Riley, Executive Director SRC and
Mrs. Noelia López, Project Manager, University of Alicante**

2nd Scientific Session: Nutraceuticals & Pharmaceuticals

Chair: Dr. Cliff Riley, Executive Director, Scientific Research Council

10:45 am - 11:45 am

Sports and Nutraceuticals: Brand Jamaica to the World:
**Prof. the Hon. Errol Morrison, Director General, National
Commission of Science and Technology**

11:45 am - 12:10 pm

Jamaican Ganja: An Untapped Reservoir of Therapeutics:
**Dr. Charah Watson-Francis, Technical Director, Biotech
R&D Institute**

12:10 pm - 12:30 pm

Clinical Trials Supporting Nutraceuticals and Pharmaceuticals:
Steps, Processes and Guidelines
Dr. Shelly McFarlane, Consultant, Ministry of Health

12:45 pm - 1:45 pm

LUNCH

3RD Scientific Session: Health and Wellness

Chair: Professor Marvin Reid, Director Tropical Medicine Research Institute, UWI, Mona

1:45 pm - 2:30 pm

Health and Wellness as an Indicator of Growth and
Development
**Dr. Winston Dela-Haye, Chief Medical Officer, Ministry of
Health**

2:30 pm - 2:50 pm

Bridging the divide between traditional and western medicine:
Is there a role for natural remedies?
**Dr. Janice Simmonds-Fisher, Managing Director,
Bioregeneration-Integrative Medical**

2:50 pm - 3:10 pm

Glycemic Index: Diabetics know your Jamaican food!
**Mr. Ryan Francis, Research Scientist, Scientific Research
Council, Jamaica**



3:10 pm -3:30pm

Natural Remedies in Managing HIV, Diabetes and other Chronic Diseases

Prof Matlalepula Matsabisa, Director: IKS Health Research Programme, University of Free State, South Africa

4th Scientific Session: Knowledge Transfer and Innovation

Chair: Mr. Martin Henry, Manager, Projects & Operations, SGSRE, UTech, Jamaica

3:30 pm -3:40 pm

CAP4INNO Project overview

Mrs. Noelia López Project Manager, University of Alicante

3:40 pm - 4:10 pm

Integrating Traditional Knowledge into Policy and Decision Making: The South African Model.

Ms Mammone Tang, Deputy Director, Department of Science and Technology, South Africa

4:10 pm - 4:30 pm

Strengthening IP and KT Systems in the Caribbean: Policy White Paper:

Dr. Roberto Escarre, OGPI Director, University of Alicante, Spain

4:30 pm - 4:50 pm

A Policy White Paper- Implications for IP and KT in Jamaica:

Miss Lilyclaire Bellamy, Executive Director, JIPO

4:50 pm - 5:10 pm

Commercialization of Value from Research: Lessons in IP Management and Knowledge Transfer at UTech, Jamaica:

Dr. Paul Ivey, Associate Vice-President, SGSRE, UTech, Jamaica

5:10 pm -5:15 pm

Chairman's Closing Remarks

5:30 pm- 6:30 pm

Public Forum “Ganja- Stimulus for Health, Wealth and Wellness”

Prof. Errol Morrison (NCST), Dr. Kadamawe Knife (UWI), Dr. Charah Watson-Francis (Medicanja). Mrs. Eleanor Hussey (CLA).

(Venue: Ballroom, Jamaica Pegasus Hotel)



Day Two: Tuesday, November 15, 2016

Time	Event
8:30 am - 9:00 a.m	REGISTRATION
<p>5th Scientific Session: ST&I Supporting Business and Entrepreneurship <i>Chair: Ms. Valerie Veira, Executive Director, Jamaica Business Development Corporation</i></p>	
9:00 am - 9: 50 am	<p>Creating a Business Environment Based on Science, Technology and Innovation <i>Mrs. Michelle Chong, President, Jamaica Exporters' Association</i></p>
9:50 am - 10:10 am	<p>Policies and Measures to Support SMEs in the Field of IP: Good Practices and Lessons Learned in Spain <i>Mr. Javier Sánchez de Pablos, and Esther Arias Pérez-Illzarbe, Spanish Patent and Trademark Office</i></p>
10:10 am - 10:30 am	<p>Policies and Measures to Support Spin-off Companies at institutional level: The case of the University of Alicante: <i>Mrs. Noelia López Project Manager, University of Alicante, Spain</i></p>
10:30 am -10:50 am	<p>The Green Economy: Climate Smart Innovations and Business Support across the Region: <i>Mr. Carlinton Burrell, Project Manager, Caribbean Climate Innovation Centre</i></p>
10:50 am - 11:10 am	<p>NetZero Energy Building: An innovative Concept for the Caribbean: <i>Prof. Tara Dasgupta, Prof. Emeritus, UWI, Mona.</i></p>
11: 10 am -11: 30 am	COFFEE BREAK

6th Scientific Session: Food and Agriculture

Chair: Dr. Lisa Myers-Morgan, Principal Director of Research MICAFA

- 11:30 am - 12:30 pm Food Security and Safety, a Global Challenge: Impact on and Solutions for Jamaica
Mr. Don McGlashan, Director General, MICAFA
- 12:30 pm - 12:50 pm The Role of Trace Elements and Heavy Metals in Food Safety and Security:
Ms. Leslie Ann Hoo Fung, ICENS, Jamaica
- 12:50 pm - 1:15 pm Advances in Plant Micropropagation Techniques: Approaches Towards Improving Food Security
Ms. Gillian Rowe, Process Development Officer, Scientific Research Council, Jamaica
- 1:15 pm - 2:30 pm **LUNCH / POSTER SESSION**

7th Scientific Session: Young Scientists Driving Innovations

Chair: Ms. Kerry-Ann Curtis, Manager, Information Service Division, SRC, Jamaica

- 2:30 pm - 2:50 pm Breadfruit starch: The tablet solution?
Ms. Shawntae Rodney, Research Scientist, Scientific Research Council, Jamaica
- 2:50 pm - 3:10 pm Rare-earth coordination polymers from ditopic carboxylate linkers: Potential for Sensing and Gas Storage
Mr. Jermaine A. Smith, MPhil Student, Department of Chemistry, UWI Mona
- 3:15 pm - 3:45 pm Development of functional foods and nutraceuticals from hypoglycemic and hypotensive compounds isolated from *Eucalyptus Camaldulensis*.
Dr. Denise Daley, Pharmacognosist, College of Health Sciences, UTech, Jamaica
- 3:45 pm - 4:05 pm Gene Regulatory Networks as Potential Targets for Control of Uropathogenic *Escherichia coli*.
Dr. Stacy Stephenson, Assistant Lecturer, Faculty of Medical Sciences

4:05 pm - 4:25 pm

Radiofluorination of Spirocyclic Iodonium Ylides: From Bench to Bedside to Commercial Product.

Dr. Nickeisha Stephenson, Lecturer, Department of Chemistry, UWI Mona

4:25 pm - 4:45 pm

Chairman's Remarks and Closing Ceremony

ADMISSION FREE

