

# STEM Carib 2017 Conference Schedule At-A-Glance

10/8/17

TUESDAY, 10 October		WEDNESDAY, 11 October		THURSDAY, 12 October		FRIDAY, 13 October	
 <p><b>NOTE:</b> SCHEDULE SUBJECT TO CHANGE. ORANGE: EVENTS ARE FREE AND OPEN TO THE PUBLIC</p>  		<b>PLENARY</b>		<b>PLENARY</b>		<b>PLENARY</b>	
		8:00	Opening Programme (Presidents Bodden & Darr, Minister of Education)	8:15	CI Weather Station ( Mr. David Brown, UCCI)	8:00	Student Ambassador Breakfast with roundtable discussions.
			Keynote: Benefits of Obtaining a Career of Passion (Mr. Orane Barrett, Kool Nerd Clothing )	9:00	Gaming (Mr. Charles Palmer, HU)	9:00	<b>Rotary Science Fair 2017 Winner Presentations:</b> 1) 2) 3) 4) 5)
		9:45	Solutions for a Hyperconnected World: Actionable Analytics That Maintain Cybersecurity And Privacy Using Smart Data (Mr. Andrew Hacker, HU)	9:45	Beam me up, Scotty! The science behind warp drives and teleportation (Dr. Shirin Haque, UWI)		
		10:30	<b>BREAK</b>	10:30	<b>BREAK</b>	10:00	<b>BREAK</b>
		11:00	<b>BREAKOUT SESSIONS</b> A1) Emerging Trends in STEM and Biotechnology Education for Healthcare Careers (Dr. Mrunalini Pattarkine, HU) A2) Chemistry of Paint (Dr. Catherine Santai, HU) A3) Solar Energy (James Whittaker, GreenTech) A4) Forensic Entomology (Dr. Robert Furey, HU) A5) Farm to Table Movement in Cayman (Charlito's Greenhouse)	11:00	<b>BREAKOUT SESSIONS</b> C1) Forensic Chemistry: ID Unknown Solids Using Density & Burn Tests (Dr. Catherine Santai, HU) C2) Privacy and Security in the High Tech Explosion (Mr. Andrew Hacker, HU) C3) Geospatial Technology (Mr. Albert Sarvis, HU) C4) Where Does Your Drinking Water Come From? A History of Reverse Osmosis Desalination (Ms. Karlene Singh, Carib DA) C5) Pulling off Humankind's Greatest Engineering Achievement Pt. 2 (Mr. Francis French)	10:15	STEM Camp Projects
						11:00	Closing Keynote: Small Unmanned Aerial Systems (sUAS) for Modern Map Making (Mr. Albert Sarvis)
		12:00	<b>LUNCH</b>	12:00	<b>LUNCH</b>	11:45	Closing—Panel (Final Thoughts)
		<b>PLENARY</b>		<b>PLENARY</b>		12:15	<b>Conference Adjourns</b>
		6:00 pm	Registration & Reception: Venue: Sir Vassel Johnson Hall)	1:00	The Ride to Conquer Cancer—What's New? (Dr. Vineetha Binoy, health City Cayman Islands)	1:00	Forensic Entomology (Dr. Robert Furey, HU)
Welcoming Remarks: <ul style="list-style-type: none"> <li>• President J.A. Roy Bodden, JP, UCCI</li> <li>• President Eric Darr, HU</li> </ul> Opening Keynote -Pulling off Humankind's Greatest Engineering Achievement (Mr. Francis French, Director, San Diego Air and Space Museum, former Director of Events, Sally Ride Science)	1:45		Ocean Thermal Energy Conversion (Mr. Barry Cole)	1:45	Cryptocurrencies (Ms. Isabel Gumeyi, PWC)		
	2:30		Coral Restoration Techniques (Denise Henry, Alligator Head Marine Laboratory)	2:30	Medical Applications of 3D printing (Mr. Greg Gillispie, Wake Forest University)		
	3:15		<b>BREAK</b>	3:15	<b>BREAK</b>		
3:30-4:30	<b>BREAKOUT SESSIONS</b> B1) Life in the Universe: The multidisciplinary approach to discovery (Dr. Shirin Haque, UWI) B2) Alternative Methods to Diesel (Mr. Sacha Tibbetts, CUC) B3) Employment Opportunities in STEM (Mr. Orane Barrett) B4) Engineering Evolution in Cayman (Mr. Kern Owens, CI Government) B5) Bioprinting as a Regenerative Medicine Strategy (Mr. Greg Gillispie, Wake Forest Univ) B6) Computer Forensics (Prof. Eustache Placide)		3:30-4:30	<b>BREAKOUT SESSIONS</b> D1) Lionfish Dissection (Mr. Tom Sparke, CCMI) D2) Grouper Moon Project (Dr. Todd Bohannon) D3) Most Progressive House in Cayman (Mr. Graham Morse) D4) Food Science (Mr. Joel Walton) D5) Drones (Mr. Mick Davidson)	1:30		
Plenary Sessions & Meals: Sir Vassel Johnson Hall Breakout Sessions: Library Building and Observatory		4:30-5:30	Teachers' Twilight Session—Integrating Technology in the Classroom (Mr. Charles Palmer, HU)	4:30-5:30	Teacher's Twilight Session—Success Stories and Strategies for STEM Education –How to Run with Shoe-string Budgets! (Dr. M. Pattarkine)	4:30—Exhibits close	