



Join us for an Exciting and Diverse Programme showcasing Mona Research and the Campus!  
Over 130 Events and Activities across all Faculties and our flagship 2016 Research Exhibition Village.

## The Faculty of Science and Technology's Schedule of Events and Activities DAY TWO | THURSDAY, FEBRUARY 18, 2016

TIME	TYPE	DETAILS	VENUE
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>The Biotechnology Centre</b> <b>Faculty Spine Display</b> <b>Overview:</b> Poster Display of the Centre's Research Activities	The Biotechnology Centre
10:00AM - 4:00PM	DEPARTMENT DEMOS	<b>Department of Chemistry</b> <b>Chemistry Demonstrations</b> <b>Overview:</b> Various interactive demonstrations will be set up to excite and inspire sixth form students.	The Faculty Spine
10:00AM - 4:00PM	DEPARTMENT DEMOS	<b>Department of Computing</b> <b>Interactive Demonstrations</b> <b>Overview:</b> Google Summer of Code Overview	The Faculty Spine
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>Department of Engineering</b> <b>Interactive Displays</b> <b>Overview:</b> Interactive displays and presentations by engineering students on their term projects and work done by affiliated student groups. The first-year Civil Engineering students will be presenting on the "Sustainability of the Mona reservoir and rain water harvesting in the Mona area", which includes the display of a scaled model of the Mona Reservoir and its surroundings.	The Faculty Spine
10:00AM - 2:00PM	DEPARTMENT MUSEUM TOURS	<b>Department of Geography and Geology</b> <b>Guided Tours of the Geology Museum</b> <b>Overview:</b> Visitors will view exhibits of rocks and minerals found in Jamaica (and some from elsewhere), see their uses in the home, daily life and agriculture; play an interactive game on the museum's SMART board.	The UWI Geology Museum
10:00AM - 2:00PM	DEPARTMENT TOURS	<b>Department of Geography and Geology</b> <b>Guided Tours of the Earthquake Unit</b> <b>Overview:</b> Visitors will view a short presentation on the Jamaica Seismic Network, earthquake "hotspots", active faults and fault zones; how data is collected and recorded from stations across Jamaica; view basic instrumentation used in the monitoring of earthquake activity and earthquake preparedness.	The Earthquake Unit
10:00AM - 4:00PM	FACULTY TOURS	<b>Department of Life Sciences</b> <b>Herbarium Museum Tour</b> <b>Overview:</b> Tour will include Poster displays on past and current research, museum specimens from both the Herbarium and Zoology Museums.	The Herbarium Museum
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>Department of Mathematics</b> <b>Interactive Display</b> <b>Overview:</b> Poster Display of activities in the Department; various activities/games will be set up to excite and inspire students along with prizes	The Faculty Spine



TIME	TYPE	DETAILS	VENUE
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>Department of Physics</b> <b>Interactive Display from the Department along with the Electronics Club and the Alternative Energy Club.</b>	Outside Department of Physics Building
11:00AM - 12:00PM 3:00PM - 4:00PM	FACULTY TOURS	<b>The Biotechnology Centre</b> <b>Tours of the Centre's Labs</b> <b>Overview:</b> The tours of the Labs will showcase DNA extraction made simple; Live tissue culture technique and Microbial cultures	The Biotechnology Centre
12:00PM - 2:00PM	INTERACTIVE DEMOS	<b>Department of Chemistry</b> <b>Ice Cream Making Demonstration</b> <b>Overview:</b> Visiting students will be shown the procedure of making ice cream which they can subsequently sample.	Food Teaching Lab, Department of Chemistry
2:00PM - 3:00 PM	LECTURE PRESENTATION	<b>URD 2016 SIGNATURE EVENT</b> <b>Department of Chemistry</b> <b>FST URD LECTURE SERIES</b> <b>Title::</b> The Business of Personal Care Products <b>Overview:</b> The efforts to develop a profitable business venture in the personal care sector will be discussed. <b>Presenter:</b> Ms Racquell Brown, CEO of Irie Rock Ltd	The Undercroft Senate Building
2:00PM - 3:00PM	FACULTY TOURS	<b>Department of Chemistry</b> <b>Laboratory Tours</b> <b>Overview:</b> Potential clients/ investors will be given an opportunity to visit the labs which are capable of contract research / commercial testing.	Pesticide Research Lab, NMR & Central Analytical Lab
2:30PM - 3:30PM	LECTURE PRESENTATION	<b>Department of Life Sciences</b> <b>FST URD LECTURE SERIES</b> <b>Title:</b> The Ecology and Pathology of Free Living Amoebae <b>Overview:</b> This talk will concentrate on one particularly abundant Free Living Amoeba (FLA) genus, ACANTHAMOEBA, which is important for human health and from which we have harnessed its unique bacteria recognition, to obtain new treatments against the pathogenic STAPHYLOCOCCUS AUREUS. <b>Presenter:</b> Dr Sutherland Maciver, Reader in Biomedical Sciences Centre for Integrative Physiology, University of Edinburgh <b>Introductions:</b> Prof John Lindo, Head of the Department of Microbiology, Faculty of Medical Sciences	Science Lecture Theatre
3:00PM - 3:30PM	SAMPLING	<b>Department of Chemistry</b> <b>Product Sampling</b> <b>Overview:</b> Jams prepared by the Chemistry Department students will be sampled	The Faculty Spine

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## DAY THREE | FRIDAY, FEBRUARY 19, 2016

TIME	TYPE	DETAILS	VENUE
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>The Biotechnology Centre</b> <b>Faculty Spine Display</b> <b>Overview:</b> Poster Display of the Centre's Research Activities	The Biotechnology Centre
10:00AM - 4:00PM	DEPARTMENT DEMOS	<b>The Department of Chemistry</b> <b>Chemistry Demonstrations</b> <b>Overview:</b> Various interactive demonstrations will be set up to excite and inspire sixth form students.	The Faculty Spine
10:00AM - 4:00PM	DEPARTMENT DEMOS	<b>The Department of Computing</b> <b>Interactive Demonstrations</b> <b>Overview:</b> Google Summer of Code Overview	The Faculty Spine
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>The Department of Engineering</b> <b>Interactive Displays</b> <b>Overview:</b> A number of interactive displays and presentations by engineering students on their term projects and work done by affiliated student groups. The first-year Civil Engineering students will be presenting on the "Sustainability of the Mona reservoir and rain water harvesting in the Mona area", which includes the display of a scaled model of the Mona Reservoir and its surroundings.	The Faculty Spine
10:00AM - 2:00PM	DEPARTMENT TOURS	<b>The Department of Geography and Geology</b> <b>Guided Tours of the Geology Museum</b> <b>Overview:</b> Visitors will view exhibits of rocks and minerals found in Jamaica (and some from elsewhere), see their uses in the home, daily life and agriculture; play an interactive game on the museum's SMART board.	The UWI Geology Museum
10:00AM - 2:00PM	DEPARTMENT MUSEUM TOURS	<b>Department of Geography and Geology</b> <b>Guided Tours of the Earthquake Unit</b> <b>Overview:</b> Visitors will view a short presentation on the Jamaica Seismic Network, earthquake "hotspots", active faults and fault zones; how data is collected and recorded from stations across Jamaica; view basic instrumentation used in the monitoring of earthquake activity and earthquake preparedness.	The Earthquake Unit
10:00AM - 4:00PM	DEPARTMENT MUSEUM TOURS	<b>Department of Life Sciences</b> <b>Herbarium Museum Tours</b> <b>Overview:</b> Each Tour will include Poster displays on past and current research, museum specimens from both the Herbarium and Zoology Museum.	The Herbarium Museum
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>Department of Mathematics</b> <b>Interactive Display</b> <b>Overview:</b> Poster Display of activities in Department ; Various activities/games will be set up to excite and inspire students along with prizes	The Faculty Spine
10:00AM - 4:00PM	INTERACTIVE DISPLAY	<b>Department of Physics</b> <b>Interactive Display</b> Displays from the Department along with the Electronics Club and the Alternative Energy Club.	The Faculty Spine
11:00AM - 12:00PM 3:00PM - 4:00PM	CENTRE TOURS	<b>Biotechnology Centre</b> <b>Tours of the Centre's Labs</b> <b>Overview:</b> The tours of the Labs will showcase DNA extraction made simple; Live tissue culture technique and Microbial cultures	The Biotechnology Centre



TIME	TYPE	DETAILS	VENUE
12:00PM - 2:00PM	DEPARTMENT DEMOS	<b>Department of Chemistry</b> <b>Ice Cream Making Demonstration</b> <b>Overview:</b> Visiting students will be shown the procedure of making ice cream which they can subsequently sample.	Food Teaching Lab, Department of Chemistry
1:30PM – 2:30PM	LECTURE PRESENTATION	<b>Department of Chemistry</b> <b>FST URD LECTURE SERIES</b> <b>Lecture Title:</b> The Role of Science in the Red Stripe Business. <b>Overview:</b> The application of scientific know-how in the production of Red Stripe from raw materials through to the finished product is discussed. <b>Presenter:</b> Mr. Winston Cousins, Brewing Manager, Red Stripe	Science Lecture Theatre 1 (S1)
2:00PM - 3:00PM	DEPARTMENT TOURS	<b>Department of Chemistry</b> <b>Laboratory Tours</b> <b>Overview:</b> Potential clients/ investors will be given an opportunity to visit the labs which are capable of contract research / commercial testing.	Pesticide Research Lab, NMR & Central Analytical Lab, Department of Chemistry
3:00PM - 3:30PM	SAMPLING	<b>Department of Chemistry</b> <b>Product Sampling</b> <b>Overview:</b> Jams prepared by the Chemistry Department students will be sampled	The Faculty Spine
3:00PM - 4:00PM	DEMOS	<b>Department of Chemistry</b> <b>Parking Lot/ Chemistry Gardens Demonstration</b> <b>Overview:</b> A special demonstration will be shown of the reaction of concentrated acid with an organic compound.	Parking Lot Faculty of Science and Technology
3:30PM -4:30PM	LECTURE PRESENTATION	<b>Department of Engineering</b> <b>FST URD LECTURE SERIES</b> <b>Lecture Title:</b> The mobile telephony industry and the pathway to becoming a telecommunications engineer. <b>Overview:</b> Our Presenter, a graduate of the Mona School of Engineering and a practicing engineer in the telecommunication industry, will outline current technology used in the telecommunication industry, and the skills and tools needed for one to successfully transition from being a student to a successful engineer. <b>Presenter:</b> Mr. Jeremy Hall, Senior VAS Engineer, Digicel	Science Lecture Theatre 1 (S1)

