



## THE UNIVERSITY OF THE WEST INDIES

MONA CAMPUS, JAMAICA, WEST INDIES

### FACULTY OF SCIENCE AND TECHNOLOGY

Dean's Office, Mona Campus, Kingston 7, Jamaica

#### **FiWi Science Role Model Video Competition: *Who is your STEM Role Model ?***

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The FiWi Science Initiative celebrates Jamaica's scientists and their work with the aim of providing students with role models who encourage them to pursue science at the tertiary level. The FiWi Science website is a portal to interesting and easy-to-understand information about Jamaica's scientists: <https://www.fiwiscience.org.jm>

#### **FiWi Science Role Model Video Competition**

The purpose of the FiWi Science Website Video Competition is to encourage teachers and students in schools across Jamaica to use the website to gather information on Jamaican scientists and their work and share in a video presentation format on the significance of this work and how it inspires them.

**Theme:** *Who is Your STEM Role Model ?*

**Coordinator:** Dr. Susan Otuokon, Strategic Development Officer, Faculty of Science and Technology (FST), The UWI, Mona (Email: [susan.otuokon@uwi.edu](mailto:susan.otuokon@uwi.edu); Tel: +1 876-977-1785)

#### **Competition Activity Timeline:**

- The Competition was to have been part of the FST's Science & Technology Month activities for November 2025, and information was circulated to schools and Science Clubs by email in the week of 13<sup>th</sup> October, 2025 by the FST (using Science Festival email lists and through the SRC and the Ministry of Education). However, due to the passage of Hurricane Melissa, the submission deadline for receipt of the videos was postponed from 14<sup>th</sup> November to 12<sup>th</sup> December, 2025 and on 1<sup>st</sup> December, Prof. Taylor asked for a further delay to allow for the prize-giving of the competition to coincide with Research Day – 26<sup>th</sup> March, 2026.

#### **Therefore:**

- The submission deadline for receipt of the videos with completed application and consent forms will be Thursday, 12<sup>th</sup> February, 2026 at 5:00pm.
- The Selection Committee (representatives from UWI – School of Education (Science), Scientific Research Council and UWI FST) will meet for the final review of the videos and selection of the winners in the week of 23<sup>rd</sup> February, 2026.
- The winners will be announced in the week of the 9<sup>th</sup> March, 2026 and a prize-giving ceremony will be held on the afternoon of Thursday, 26<sup>th</sup> March, 2026 (linked to a visit with tour of the FST on Research Day (26<sup>th</sup> March, 2026) for winning schools).

## **Process & Criteria:**

The Competition will be open to teachers (individuals) and students (groups) from primary (Grades 4 – 6) and secondary (Grades 7 – 10) level schools anywhere in Jamaica. The Entry Form must be completed and submitted with consent forms signed by parents/legal guardians as the students are under 18 years old. In addition, the students are to sign the same form, giving their assent to use their videos. Teachers have a separate Entry and Consent Form. All Forms are located on the FiWi Science website and once submitted to: [susan.otuokon@uwi.edu](mailto:susan.otuokon@uwi.edu) a response email will be sent providing the location to upload the video.

### **1. Teachers**

Teachers are to create a video presentation of three to five minutes, teaching in a creative way, about a Jamaican scientist of their choice, who is listed on the FiWi Science website. The video should encourage students to study science with the goal of addressing local, national and/or global issues. AI technology may be used to help create the video however there must be original content from the teacher e.g. photographs and the FiWi Science website should be used as a primary (but not necessarily the only) source of information. In addition, the teacher should indicate in the space provided on the Entry Form, the AI software and the specific prompts used. The video should encourage students to study and excel at STEM subjects to be like the particular role model being described. The Grade level that the video presentation is targeting should be stated in the title and application form.

Ensure the video includes (at the beginning e.g. title and/or at the end):-

- The name of the scientist (from the FiWi Science website)
- Name of Teacher, School, Targeted Grade

### **2. Students: there will be two categories for Students' Entries: Primary and Secondary levels and the entries should be Group Entries (with no more than 3 students per group) from the Grades noted below:**

#### **1. Primary Level Student Category (Grades 4 - 6)**

Students in groups of no more than three (3) are to use a phone camera or tablet to produce a short video presentation (two to three minutes) about the scientist on the FiWi Science website who they would choose to be their role model and explaining why. The video presentation should be as creative as the students wish but AI should NOT be used to create the video at the Primary Level category. In the video presentation, the students should state, in their own words:-

- the name of the scientist
- a little information about the scientist's personal life
- some information on one famous aspect of their work or discovery
- the reason/s they would you like to be a scientist like the one they chose and why.

- Everyone in the group should be actively involved and information should be included to show the specific task/s that each was responsible for e.g. List of Credits
- Ensure the following are included (can be a still shot of the information on a card): names of group members, grade, name of school and name of teacher who assisted.

## 2. **Secondary Level Student Groups (Grades 7, 8, 9 or 10)**

Students within a group should all be from the same grade (7, 8, 9 OR 10). Students in groups of no more than three (3) are to make a video presentation of three to five minutes about the scientist or scientists on the FiWi Science website who they would choose to be their role model(s) and explaining why. A phone camera or tablet may be used to create the video and video software including Canva or even AI tools may be used. However, the content and ideas for the creative presentation approach should be original and authentic. If AI applications are used, this must be stated in the Entry Form including (i) the name of the AI software/app and (ii) a listing of the prompts used. The video can be as creative as you like e.g. an interview, an advertisement, but it must include:-

- the name of the scientist and a photograph of the scientist. The photograph can be from the FiWi Science website or elsewhere.
  - a little information about the scientist's personal life
  - some information on their work and its importance
  - what makes this particular scientist your role model and
  - what they have inspired you to do.
- Everyone in the group should be actively involved and information should be included to show the specific task/s that each was responsible for e.g. List of Credits
  - Ensure the following are included (can be a still shot of the information on a card): names of group members, grade, name of school and name of teacher who assisted.

### **Submission**

All videos must be submitted by Friday, 12<sup>th</sup> February, 2026 by 5:00pm.

You must first email the Entry & Consent Forms to [susan.otuokon@uwi.edu](mailto:susan.otuokon@uwi.edu) and you will receive a reply with the link to upload the video.

See Entry Form and Consent/Assent form below – they may be downloaded from the FiWi Science website (<https://www.fiwiscience.org.jm>).

### **Judging**

The marking scheme for the Teachers and Students' Categories are shown below.

## 1. Teachers

<b>Marking Scheme for the Teachers' Videos</b>	<b>Maximum Score</b>
<b>1. CONTENT (15)</b>	
Name of Scientist(s) ( <b>from the FiWi Science website</b> )	1
Photograph of the Scientist(s)	1
Information on personal life e.g. parish of birth, schools, tertiary level studies (source of information should be listed in the relevant section of the Entry Form)	3
Information on the work of the scientist including the field of STEM in easily understood manner (should include information from the FiWi Science website and all sources of information should be listed in the relevant section of the Entry Form)	5
Use of photographs/video or other creative means to depict or share the information	5
<b>2. DELIVERY (10)</b>	
Explanation of the relevance of the scientist's work to the lives of the students – meeting societal needs and/or challenges	3
Call to action to the students - why and how they can follow in the footsteps of this scientist	3
Coherent and logically sequenced points	2
Clear, audible, and engaging	1
Presentation complies with expected time limit	1
<b>3. RELEVANCE/SUITABILITY FOR THE GRADE TARGETTED (10)</b>	
Curriculum objective/s (should be noted in the relevant Entry Form section and should be clear from the video presentation)	2

<b>Marking Scheme for the Teachers' Videos</b>	<b>Maximum Score</b>
Information relevant for selected lesson objectives	2
Level of difficulty is appropriate – concepts, vocabulary, examples used (not too simple not too advanced)	6
<b>4. CREATIVITY &amp; AUTHENTICITY (15)</b>	
Instructional approach shows originality and captures interest	4
Use of authentic materials with links to everyday life e.g. showing tools or items the scientist might have used	3
Sharing personal views/opinion in own words using own examples e.g. <i>why does this scientist inspire me and what have I learned about what I will need to do to become a scientist</i>	8

## 2. Students

Marking Scheme for the judging of the Students Group Videos	Maximum Score
<b>1. CONTENT (15)</b>	
Name of Scientist(s) ( <b>from the FiWi Science website</b> )	1
Photograph of the Scientist(s)	1
Information on personal life e.g. parish of birth, schools, tertiary level studies (source of information should be listed in the relevant section of the Entry Form)	3
Information on the work of the scientist including the field of STEM in easily understood manner (should include information from the FiWi Science website and all sources of information should be listed in the relevant section of the Entry Form)	5
Use of photographs/video or other creative means to depict or share the information	5
<b>2. CLEAR MESSAGE (5)</b>	
Clear explanation of the relevance of the scientist's work to the lives of the students – meeting societal needs and/or challenges	5
<b>3. SUITABILITY OF LANGUAGE FOR AGE-GROUP (5)</b>	
Use of appropriate language for the age-group – should not simply be a repeating of information from the internet	5
<b>4. CREATIVITY &amp; AUTHENTICITY (20)</b>	
Use of originality and a creative approach to help keep viewers interested	5
Use of authentic materials with links to everyday life e.g. showing tools or items the scientist might have used	5
Sharing personal views/opinion in own words using own examples e.g. <i>why does this scientist inspire me and what have I learned about what I will need to do to become a scientist</i>	10
<b>5. SHARING OF ROLES IN VIDEO PRODUCTION (5)</b>	
The roles of all the students in the group must be seen in the sharing of work (the section in the Entry Form on roles of each student must be filled) and should be visible e.g. personal views expressed	5

## Prizes

### 1. Teachers

Best submissions from Teachers: 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> (Primary & Secondary) will be awarded cash prizes or gift certificates/gift baskets depending on the prize level. Winning teachers will be invited to the prize-giving ceremony on Thursday, 26<sup>th</sup> March, 2026 to receive their prizes.

Teachers of the winning students' groups from both primary and secondary will be invited to bring their whole class to the prize-giving ceremony on Thursday, 26<sup>th</sup> March, 2026 at The UWI, Mona - FST and this will include a science tour/viewing of exhibits which will be part of the UWI, Mona Research Day.

Teachers who supervised the winning student groups will be recognised and receive tokens.

### 2. Students – Primary and Secondary levels

Best submissions from Students: 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> (groups or individuals) will be awarded cash prizes and/or gift certificates/gift baskets depending on the prize level.

Winning student groups will be invited to bring their whole class to the prize-giving ceremony on Thursday, 26<sup>th</sup> March, 2026 at The UWI, Mona - FST and this will include a science tour/viewing of exhibits which will be part of the UWI, Mona Research Day.

Winning submissions will be:-

- shown at the Prize-giving Ceremony Thursday, 26<sup>th</sup> March, 2026 at The UWI, Mona, FST
- placed on the FiWi Science website
- acknowledged on the UWI, Mona – FST website and social media platforms and media releases