

# SCIENCE ADVOCACY FOR THE YOUTH

Presented by

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# OUTLINE

- 1 What is Science Advocacy?
- 2 Why Advocate?
- 3 How should you advocate?
- 4 What can you do?
- 5 Case study: Science Catalysis



# What is Science Advocacy?

**1** "Science advocacy is the art of engaging with the public, politicians, and to inspire students and teachers about the wonders and power of science."

**2** "The objective of these advocacy efforts is to influence political decisions through education and information..."  
Tom Pollard.

**3** Translation between two 'languages'. Kevin Wilson

↔ Science and policy makers (government)

--> Science and the press

→ Science and the public

# Why Advocacy?

## Why do people advocate?

- 1 It helps politicians and the general public understand why funding is needed—build trust
- 2 To educate the public on research awareness
- 3 To increase the scientific workforce by encouraging students to become scientists

## Why should you advocate?

- 1 You have a compelling story to tell
- 2 We owe it to those who support our research
- 3 If you don't no one else will, for everyone else is busy with their own business
- 4 It's fun!

# How should you advocate?

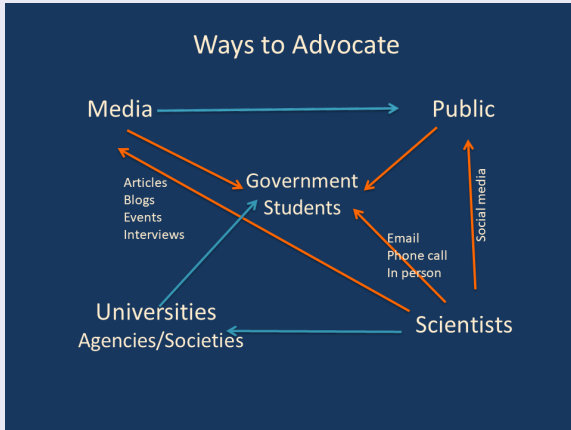


Figure: Science Advocacy Cycle

# What can you do?

## Activities

- 1** Career orientation and awareness campaigns on opportunities in sciences.
- 2** Provision of supportive teaching to science students in secondary schools and higher institutions.
- 3** Celebration of scientific events such as International Day of Mathematics, among others.
- 4** Facilitating science club activities in secondary schools.
- 5** Organisation of interschool science competitions.
- 6** Publicising science role models and facilitating their visits to schools.
- 7** Presentation of science programs on radio and TV stations.

# Case study: Science Catalysis



Maths and Physics  
Olympiad to mark the  
Celebration of the  
International Day of  
Mathematics (Pi-Day)



Supportive teaching  
of undergraduates  
at the faculty of  
science



## Activities



TV programme on the role of science in development



Donation of didactic materials to Form IV to uppersixth students on International Day of Education





## Activities



(a) Dr. Inack Estelle (Perimeter Institute), (b) Blessing (ICTP) (c) Prof. Alain Dikande (UB)



(d) Prof. Wafao Paul (CAS) (e) Dr. Ketevi A. (ASP) (f) Dr. Kenmoe Stephane (MS\*\*2)



Publicising of science role models on social media platforms to inspire young people.

Career orientation to high school students at SUBICOL, Cameroon.



**THANK YOU  
FOR YOUR  
ATTENTION**

