PRESS RELEASE

TCC NEW COURSES ON SCIENTIFIC COMMUNICATION AND PUBLISHING & SCIENCE COMMUNICATION IN JANUARY-MARCH 2016

Training Centre in Communication (TCC), is excited to launch and add to a list of its course a unit on *Science Communication and Communicating to Non Scientists.* The course covers the following sub units:
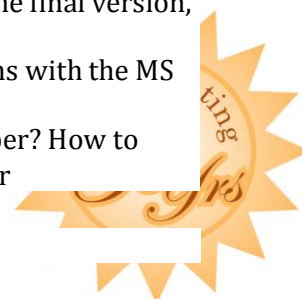
1. Concepts in Science Communication
2. To prepare an oral presentation for different audiences, how to effectively deliver it
3. Using Web 2.0 Tools for communicating research
4. Communicating to Policy Makers
5. Communicating with the press
6. Communicating to the general public
7. Producing Communication Outputs for None Scientists
8. How to design and prepare a poster for scientific national and international conferences
9. How to participate at scientific conferences and how to interact with their peers

The first course was held in January and had participants from the press, policy makers and researchers.

In February and March 2016 we held our calendar training sessions on *Scientific Communication and Publishing* which covered the following sub units:

Scientific Writing and Publishing

1. Non-primary publications, Some major types of non-primary publications, Scientometrics
2. How to write scientific papers before you begin, How to decide where to send a MS for publication ,how to select a journal for your publication
3. The structure of a primary scientific article, How to compose – The Title , The delicate art of deciding about Authorship
4. How to write – Addresses, The Abstract?, The Introduction, The material & methods, Results, Discussion, Other Parts: acknowledgements, & appendices, etc., How to cite & compile – References
5. The writing process : how to write the first version?, Preparing the final version, How to submit a paper?, Scientific editing process
6. How to interact with editor, how to write Revisions, What happens with the MS after acceptance?
7. Technical editing, Proofreading, What to do with a published paper? How to write Conference proceedings paper, Review article, Book chapter

Data Analysis for Presentation

1. The theory and practice of presenting data in graphical form
2. The basic principles of economy, clarity, and integrity
3. Old types of graphs to avoid, new graph types: dot plot, scatterplot matrix, conditional plot
4. How to design effective graphs
5. How to use R Statistical software graphical analysis and presentation
6. How to use SPSS Statistical software graphical analysis and presentation
7. How to use STATA Statistical software graphical analysis and presentation

Resource Mobilization and Grants Management

1. The mind of a donor
2. The research proposal:
3. The grants proposal
4. The proposal and funding process
5. Typical structure of a proposal
6. Stages of developing a proposal
7. Usual pitfalls when writing a proposal
8. What to write under the following sections : Title , Summary , Significance statement , Objectives and hypotheses, Methods , Expected results , Budget
9. Timeline
10. How to write a proposal
11. Criteria for reviewing a research proposal : Significance , Approach, Innovation, Investigator, Work conditions
12. Revising the research proposal
13. Managing a research grant

Oral communication and presentation

1. Preparation and planning, steps in developing a talk
2. Medium/Tools for giving a talk
3. Theory and practice of poster design
4. Introduction to communicating to Non Scientists
5. Use of Web 2.0 tools to disseminate research
6. How to design posters for national and international conferences
7. How to participate in conferences & networking

In the first quarter we have trained 50 participants

About TCC

TCC is a not-for-profit organization set up in 2006 and is in partnership with the University of Nairobi and is the first African-based Training Centre to teach effective communication skills to scientists in Africa. TCC has its headquarters at the University of Nairobi, Gecaga Institute, Chiromo Campus, and Nairobi, Kenya.

The centre's mission is to contribute to the increase in profile, locally, and internationally, of African science, and its impact on the life of Africans, by improving skills in technical communication in all forms, at academia and other relevant forums, in African countries. To date TCC has trained over 1500 research scientists in Sub Sahara Africa in Scientific and Science Communication.

TCC has also partnered with Kenyatta University, Kenya, in training scientists in communication and publishing. TCC has opened a satellite office in Nigeria in partnership with Obafemi Awolowo University, Ile-Ife, Nigeria (OAU), through the

Directorate of Linkages and Sponsored Research. The new office trains research scientists and postgraduate students from the Western Africa sub Saharan region. TCC has also opened an office in South Africa in partnership with The Innovation Hub.

Public Relations Office

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