

### The objectives of the workshop:

1. Learn the art of scientific writing
2. Generate and implement ideas for medical research
3. Develop hypothesis and specific aims for research studies
4. Research methods and designs in medical research
5. Learn/Interpret statistical analysis
6. Write scientific research papers (original study, case report, letter to the editor, poster presentation, etc.)
7. Read, criticize and edit scientific manuscripts
8. Apply critical thinking and critical design in research studies and scientific writing
9. Encourage researchers to publish their studies in medical/scientific journals and books
10. Build and develop positive thinking and creativity at work and research
11. Abide by established ethical standards and guidelines in research and scientific writing
12. Establish and follow ethical standards of authorship and contributorship
13. Search databases for scientific data
14. Develop skills to speak at scientific meetings



"THE SPOKEN WORD IS OFTEN  
BURIED WITH ONE'S BONES –  
IT IS THE WRITTEN WORD THAT  
LIVES LONG AFTER."

- SHAKESPEARE

## Research Writing & Editing Workshop

7, 8, 14, 15 December 2017  
KHUH, Lecture Hall, Level 1

Dr. Jaffar M. Al-Bareeq  
Chief Editor

Bahrain Medical Bulletin  
Established 1979

### Research Writing & Editing Workshop – Program

#### 7 December 2017, Thursday, 9:00 am – 3 pm

Introduction	10 min	Dr. Mohamed Al Khalifa
Importance of Research	15 min	Dr. Omar Sharif
Workshop Introduction	20 min	Dr. Hilli
The Art of Writing I	60 min	Dr. Bareeq
The Art of Writing II	60 min	Dr. Bareeq
<b>Coffee Break</b>	<b>15 min</b>	
How to Do Research & Generate Ideas	90 min	Dr. Hilli
Introduction to the Medical Statistics I	60 min	Dr. Fotina
Ethics in Research	60 min	Dr. Bareeq

#### 8 December 2017, Friday, 9:00 am – 3 pm

Introduction	30 min	Dr. Bareeq
Methods	30 min	Dr. Bareeq
Results	30 min	Dr. Bareeq
Discussion	30 min	Dr. Bareeq
Abstract	30 min	Dr. Bareeq
<b>Coffee Break</b>	<b>15 min</b>	
Conclusion	30 min	Dr. Bareeq
References	30 min	Dr. Bareeq
Medical Statistics II	60 min	Dr. Fotina
Critical Thinking and Critical Design	30 min	Dr. Hilli
Letter to the Editor	30 min	Dr. Hilli

#### 14 December 2017, Thursday, 9:00 am – 3 pm

Authorship/Contributorship	30 min	Dr. Hilli
Poster Presentation	30 min	Dr. Hilli
IRB/Multimedia Presentation	60 min	Dr. Alhasan/Dr. Bareeq
<b>Coffee Break</b>	<b>15 min</b>	
Art of Scientific presentation	30 min	Dr. Fotina
Case Presentation	45 min	Dr. Hilli
Oral Presentation	30 min	Dr. Hilli
Online Search	90 min	Dr. Bareeq

#### 15 December 2017, Friday, 9:00 am – 3 pm

Dental Research	30 min	Dr. Hilli
Nursing Research	30 min	Dr. Hilli
Disclosure and Submission	30 min	Dr. Hilli
<b>Coffee Break</b>	<b>15 min</b>	
Hypothetical Study Presentations	60 min	Dr. Hilli
Hypothetical Study Review	30 min	Dr. Hilli
Hypothetical Study Workshop	90 min	Dr. Hilli/Dr. Bareeq
Concluding Discussion	30 min	Dr. Bareeq/Dr. Hilli
Certificate of Attendance	15 min	Dr. Mohamed Al Khalifa

## **Research Writing & Editing Workshop**

7, 8, 14, 15 December 2017

### **Hypothetical Study**

#### **Incidence of Appendicitis due to change of Dietary Habits in Bahrain**

Core Data:

130 appendectomies

Age distribution of patients

10 years – 12 patients (9 M + 3 F)

11 years – 15 patients (10 M + 5 F)

12 years – 19 patients (12 M + 7 F)

15 years – 21 patients (15 M + 6 F)

17 years – 30 patients (18 M + 12 F)

19 years – 17 patients (10 M + 7 F)

20 years – 10 patients (7 M + 3 F)

22 years – 6 patients (4 M + 2 F)

80 patients consume Beef burger regularly

50 patients consume Beef burger occasionally

30 patients consume vegetables occasionally

20 patients from well to do families

89 patients from middle class families

21 patients from low income groups

### **THE EXERCISE**

Write a short “original” paper on the incidence of appendicitis due to change of dietary habits in Bahrain using the above core data. The paper should include the following sections:

Abstract

Introduction

Methods

Results

Discussion

Conclusion

References

You must first “introduce” and formulate a scientific hypothetical hypothesis and use the supplied core data as “(Patients) Method” to either support or refute this hypothesis. Accordingly, you can design and calculate the “Results” as you may wish. Throughout the text the statements and interpretation of findings must then be “discussed” scientifically and “supported” by relevant observations of other scientists and this need to be “abstracted” to help readers and indexers.