

# Scientific writing and publication by Emerging Scientists

## Challenges and Recommendations

Dinga Jerome Nyhalah, PhD

### Introduction

- **Clear communication of research findings**

- Soundness of subject matter
- Nature of intended audience
- Questions of Clarity
- Style and structure
- Precision and accuracy

## Introduction cont'd

### • **Skills to develop**

- ability to relate and interlink evidence,
- to lend permanence to thoughts and speech,
- to enable one's writing to serve as a future reference to others, and .
- to protect intellectual property rights

## Introduction cont'd

### • **The principles of “writing to learn”**

- ongoing, ever-evolving scientific conversation
- develops habits of reflection
- Publishing in respected journals
- Career advancement.

## Challenges

- cognitive burden
- group support and mentoring
- difficulty in distinguishing between content and structure, and
- backward design of manuscript
- Workload, administrative duties and extra-curricula responsibilities

## Recommendations

- cognitive burden = initiation, implementation, and completion
- Subjective and objective constraints
- Self determined goals
- Self confidence

## Recommendations

- Group writing
- Group support
- Making the distinction between structure and content is crucial
- Visualizing the completed manuscript
- Basic writing skills acquired in secondary school

Thank you for listening