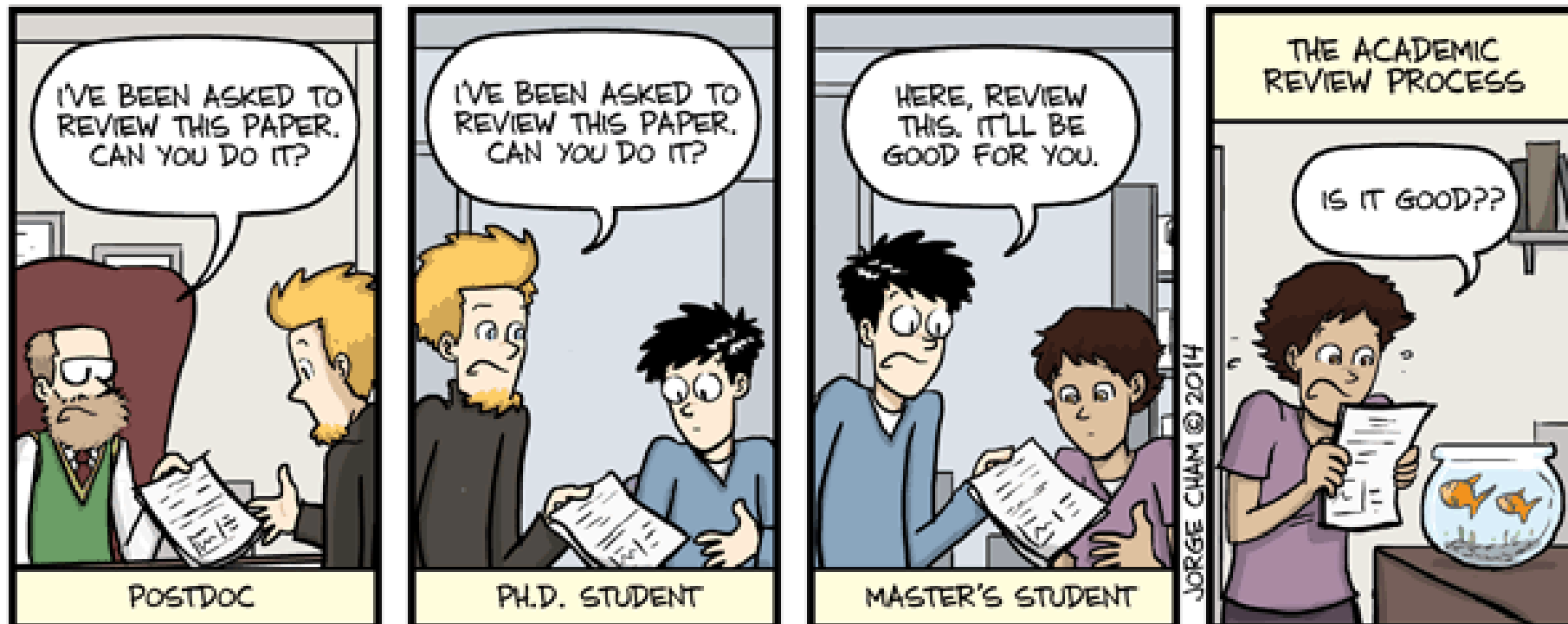


Peer reviewer capacity building

PHCFM

AFRICAN JOURNAL OF PRIMARY HEALTH CARE & FAMILY MEDICINE

Prof Bob Mash <https://phcfm.org>



WWW.PHDCOMICS.COM

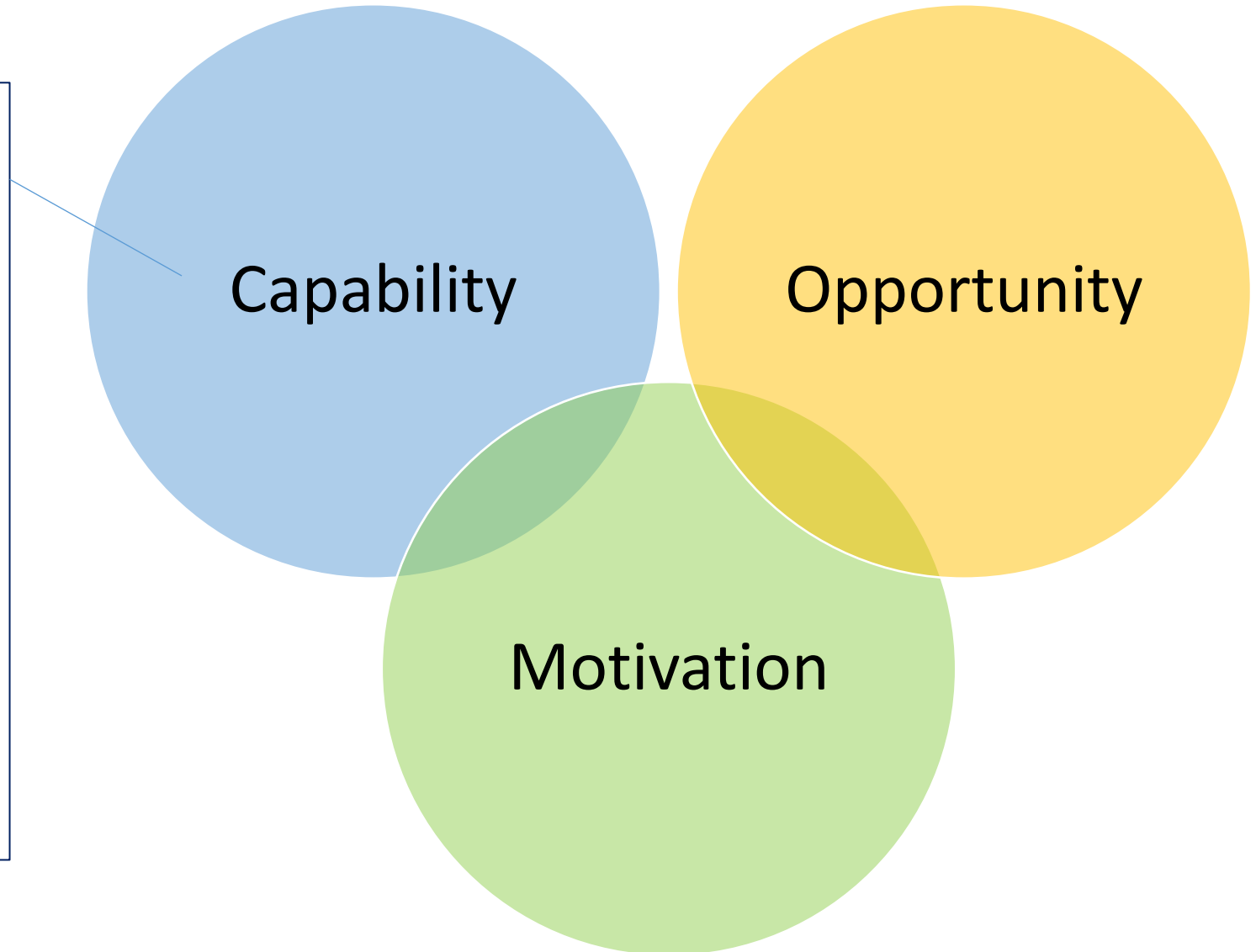
Why is this an issue in Africa?

- Most available reviewers are early career researchers or clinician-scientists
- Large variance between reviewers
- Poor gatekeeping of scientific standards
- Irrelevant, vague or unhelpful feedback and guidance
- Irritated and de-motivated authors



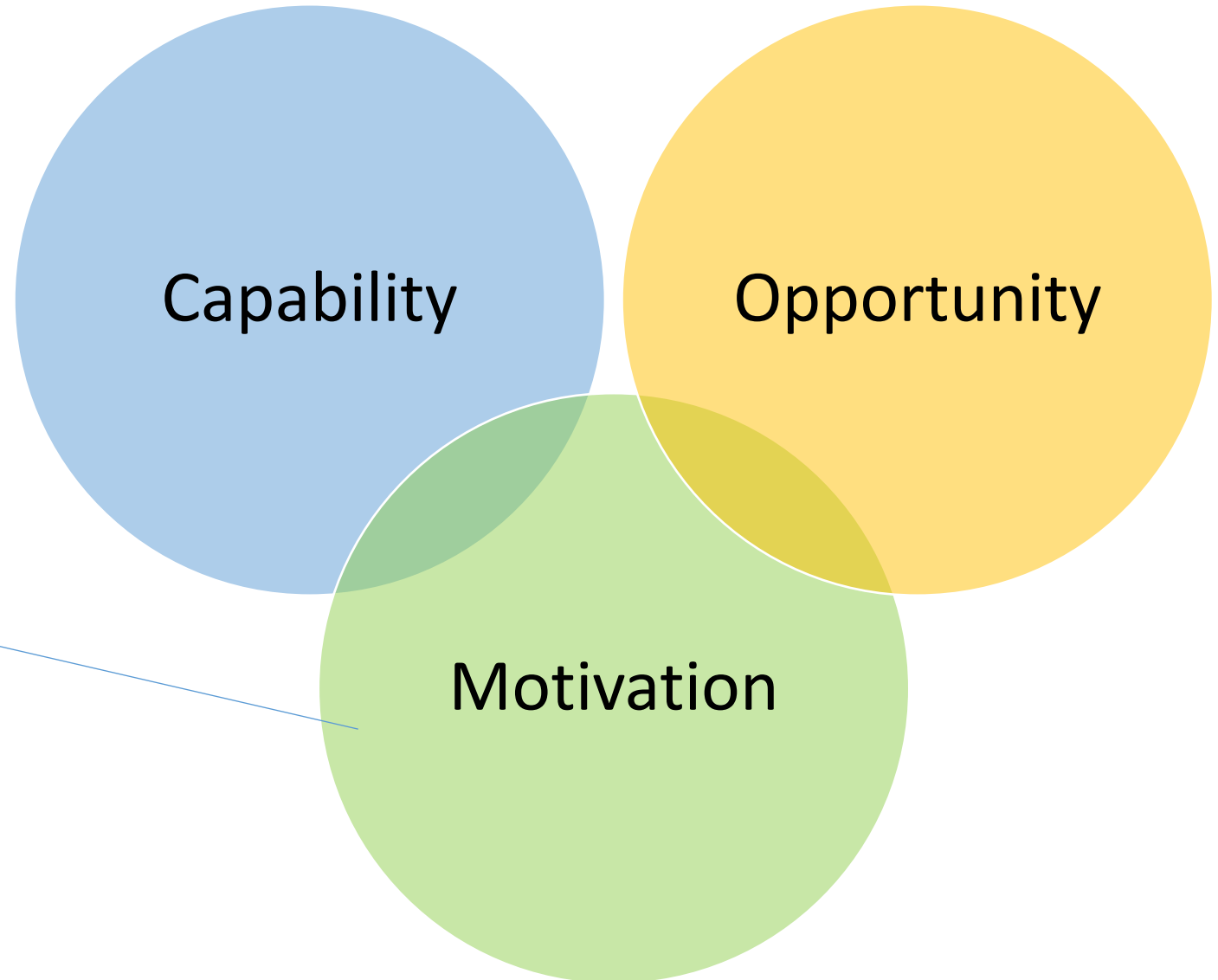
B-COM applied to peer reviewers

- Understands the journal requirements
- Understands the role of the reviewer and ethical issues
- Expert in the field / topic / methods
- Able to critically appraise the science / methods
- Able to critically appraise the scholarship / argumentation
- Able to provide relevant constructive feedback
- Able to align feedback with the recommendation

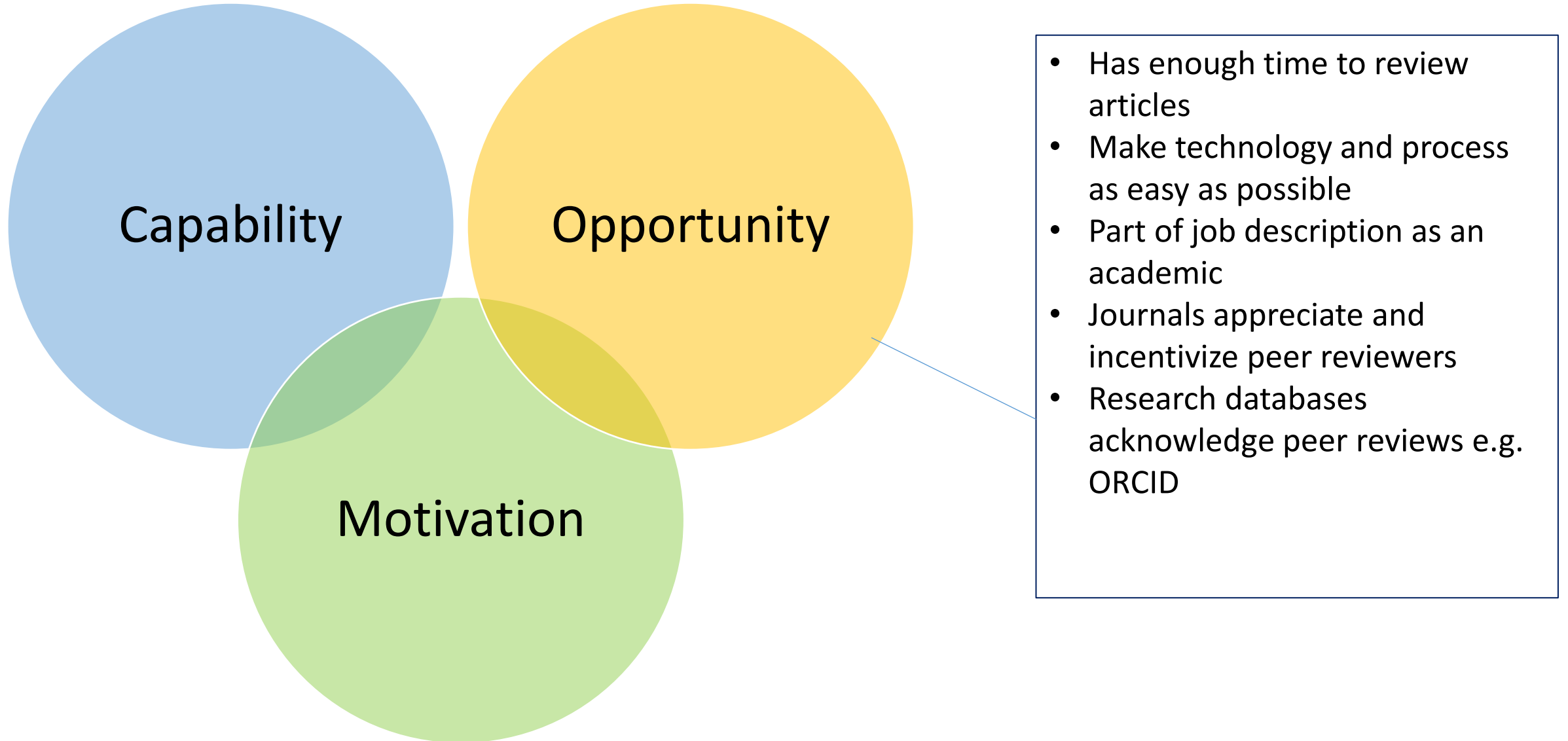


B-COM applied to peer reviewers

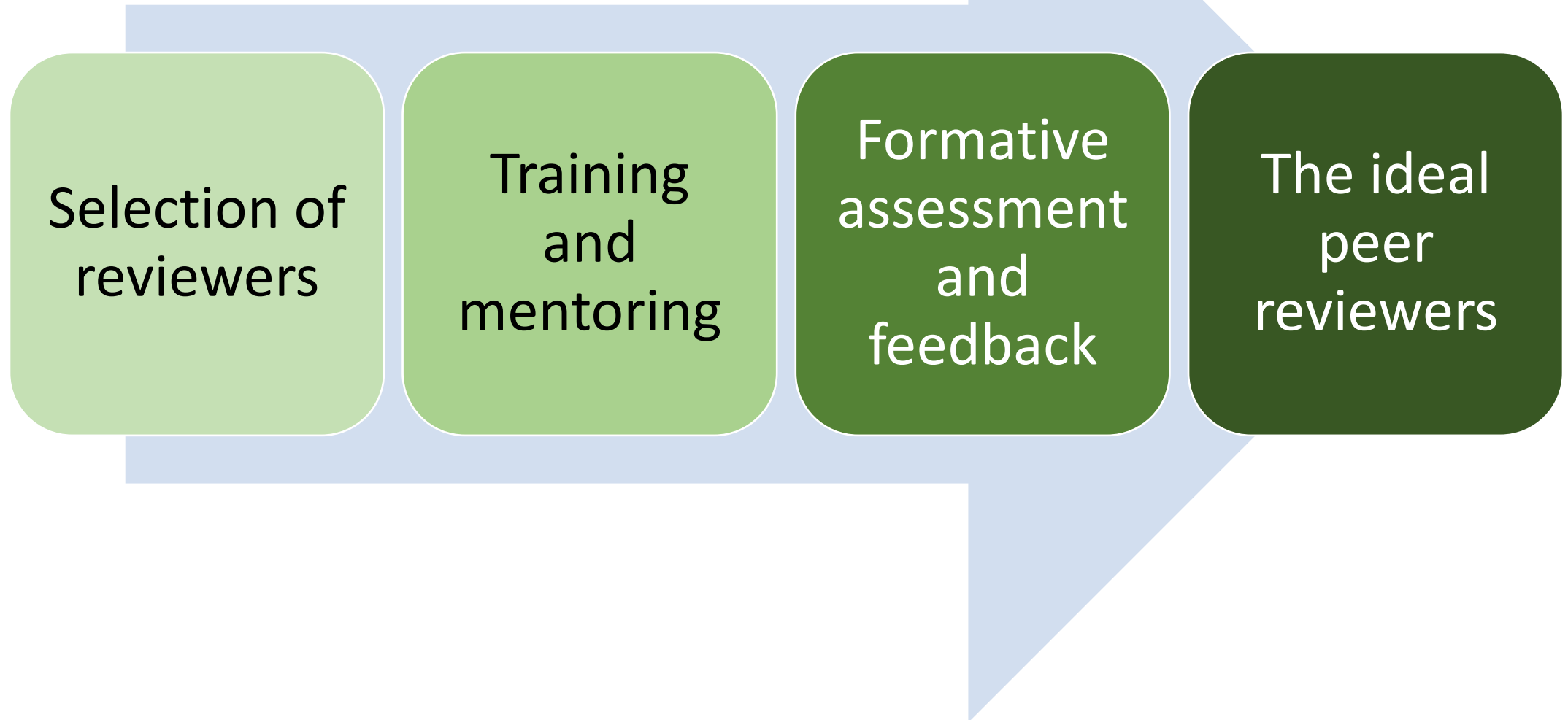
- This is voluntary
- Obligation to the discipline and other researchers
- Helps develop research skills and own scholarship
- Contributes to academic CV and career pathway
- Keeps me up to date with other research in my field of interest
- CPD points
- Reduced APCs



B-COM applied to peer reviewers



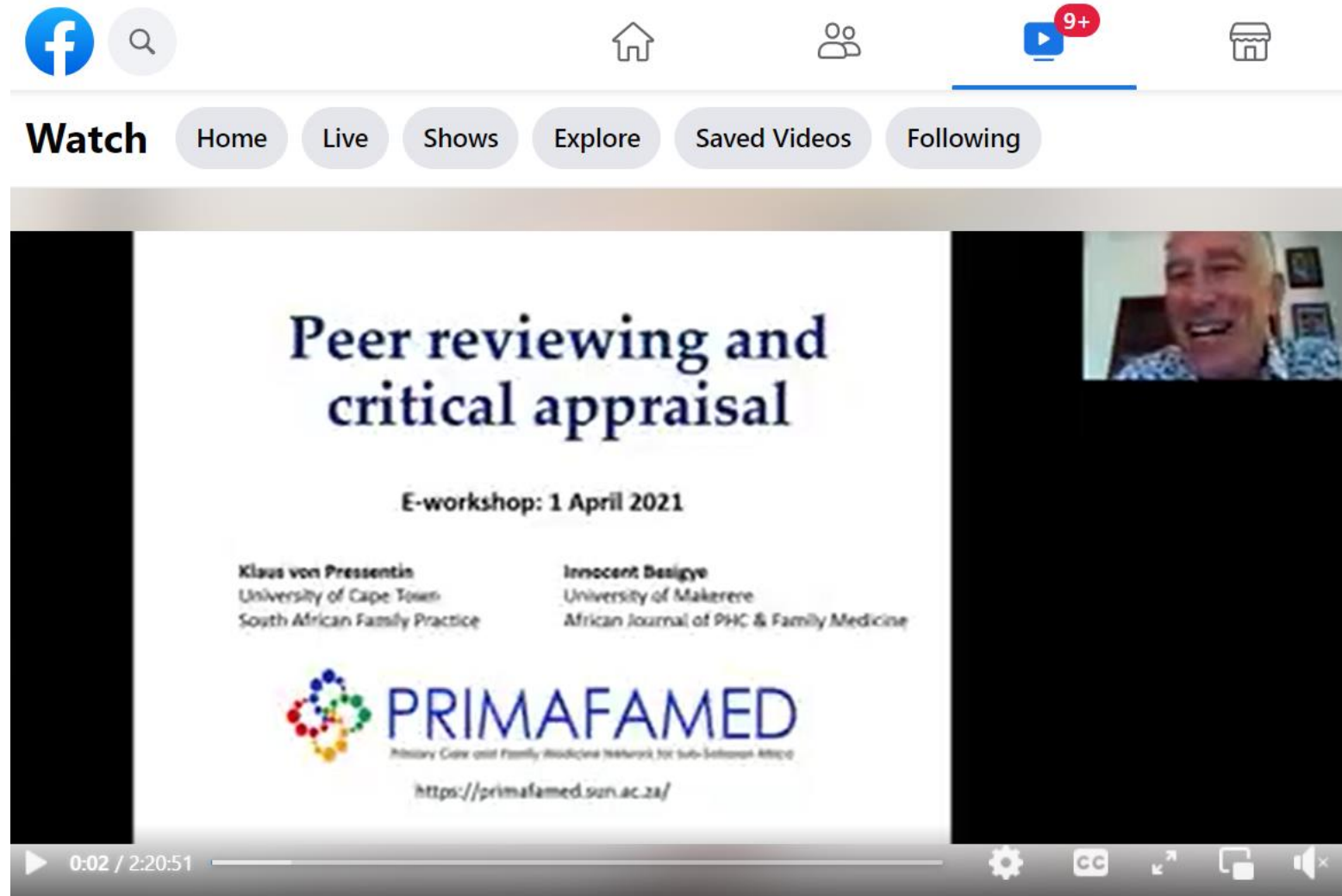
The ideal peer reviewer



Selection of peer reviewers

- Established researchers – known to the editors
- From author database – but unknown quantity
- By invitation and review of CVs
- Matching reviewers expertise with submissions

Training in professional networks



<https://fb.watch/4l4jMiMn1i/>

Training at academic conferences

CPD accredited



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Newly Launched Publons Academy Offers Peer Review Training



By Enago Academy

Dec 6, 2021 2 mins read [Listen](#)



BECOME A MASTER OF PEER REVIEW



Mentoring as part of formal higher education

The screenshot displays the SUNLearn user interface. At the top, the 'SUNLearn' logo is on the left, and a navigation bar on the right includes a menu icon, a 'Recent' dropdown, and user information for 'Robert-James Mash' with notification counts (56 and 21). A left-hand sidebar lists course components: 'Course Overview', 'General', 'Study Guides', 'Assessments', 'Assignment' (highlighted in blue), 'Assignment 1' (with a list icon), and 'Questions and discussion'. The main content area is titled 'Assignment 1' and contains the following sections:

- Aim**: To demonstrate your ability to critically appraise an original research article and provide constructive feedback. A 'Cancel' button is visible to the right of this text.
- Grade**: 60%
- Instructions**:
 - Weeks 2-9 should have provided you with the theoretical background to critically appraise and review the work of others. The ability to do this needs to be combined with the ability to provide constructive feedback to peers or students.
 - In this assignment, you will peer review an original research article that has been submitted to the African Primary Health Care and Family Medicine (PHCFM) journal.
 - Prof Mash, who is the Editor-in-Chief of the PHCFM journal, will invite you to peer review a submission and to submit a report to the journal with your recommendation. The journal will appoint other peer reviewers as normal.
 - You should submit to the PHCFM journal by the due date (you do not need to submit these in SunLearn):
 1. A summary of the key issues in your report in the PHCFM text box
 2. A copy of the article with your detailed comments and suggestions in track changes and comment boxes
 3. A recommendation

At the bottom of the main content area, it states: 'Prof Mash will also peer review the submission so that he can compare his peer review with your own. Your review will be assessed, and feedback given in Assignment 1 in SunLearn together with a grade.'

A dark purple circular button with a white upward-pointing arrow is located in the bottom right corner of the interface.

Developing critical appraisal as part of formal education and assessment

South African Family Practice

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Registrar

Mastering Your Fellowship: Part 4, 2022



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The 'Mastering Your Fellowship' series provides examples of the question format encountered in the written and clinical examinations, Part A of the Fellowship of the College of Family Physicians of South Africa examination. The series is aimed at helping family medicine registrars prepare for this examination.

Keywords: family physicians; FCFP (SA) examination; family medicine registrars; postgraduate training; national exit examination.

Introduction

Mentoring by editorial board



25 August 2021

Development of peer reviewers

Peer reviewing is an essential service that researchers offer to each other to improve the scientific validity of original research prior to publication and to decline work that has significant flaws. Peer reviewing is also important for establishing yourself as a researcher and academic. We are always looking for new peer reviewers from the disciplines of family medicine and primary health care.

New peer reviewers need to have published at least one original research article as a first author and preferably more than one, but are not yet an established researcher. New peer reviewers are twined with a member of the Board to peer review the same manuscript. The editorial board member will share their review with the new peer reviewer and also give feedback to them on how to improve their review. Mentoring can take place over 1-2 such manuscripts over the year.

Formative assessment and feedback

- Scoring of reviewers
- Opportunity for self-reflection / benchmarking
- Feedback from editor?
- Public feedback?

Discussion...