



COLLEGE OF PUBLIC HEALTH
UNIVERSITY OF THE PHILIPPINES MANILA
SEAMEO TROPMED Philippines
*Regional Centre for Public Health, Hospital Administration,
 Environmental and Occupational Health*



24-27 July 2018

2nd Practical Guide for Commissioning Health Research Training Course

For: technical officers and staff of agencies and offices commissioning health research, such as the Department of Health and Philippine Council for Health Research and Development. It would be an advantage if participants possess foundational health research knowledge and skills. Considering the teaching-learning strategy that will be employed to attain the learning outcomes, a training activity will be limited to 25 participants only.

Today, there is increasing interest and attention being paid to evidence-informed policy and program decision-making, mainly brought about by heightened demand for accountability from funding agencies and oversight bodies. While research methods is taught as a basic course in most higher education courses, the content and skill set that students take away is from the perspective

For Inquiries,
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of a research implementer. There is, thus, a gap that emerges when these professionals are employed by organizations that commission research. In essence, there is information and skills asymmetry between the technical staff of the commissioning office and the academic invited to undertake the research. This usually results in the commissioning agency not obtaining its desired results or outcomes, while the external researcher is left frustrated at the apparent difficulty of engaging with program technical officers. This course intends to bridge this gap by providing a venue for teaching of basic research competencies but considered from the perspective of a commissioning agency.

Intended Learning Outcomes

At the end of this four-day course, participants will be able to:

1. Formulate appropriate terms of reference for commissioning health research
2. Appraise the technical and ethical merits of a quantitative, qualitative, or mixed methods health research as to its congruence with the commissioning agency's desired outputs.
3. Communicate effectively research critique in both oral and written forms

Course Content

1. Fundamentals of Research: Quantitative, Qualitative and Mixed-methods Approaches
 - 1.1. Research problem and objectives
 - 1.2. Review of literature and theoretical / conceptual frameworks
 - 1.3. Research methodology (including design and data collection)
 - 1.4. Sampling and sample size
 - 1.5. Research ethics (including intellectual honesty and plagiarism)
 - 1.6. Processing and analysis of research data
 - 1.7. Presentation of research results
2. Practical Lessons in Commissioning Research
 - 2.1. Developing the Terms of Reference
 - 2.2. Managing the inception meeting
 - 2.3. Appraising the technical merits of a research proposal
 - 2.4. Assessing the ethical soundness of a research proposal
 - 2.5. Systematic approach to evaluation of completed research
 - 2.6. Communicating evaluation result

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Teaching-Learning Strategy

This course will utilize an adult-centered teaching-learning strategy. Didactic sessions will comprise 30% of the total training hours (10 hours), while case studies, workshops, and exercises will comprise the remaining 70% of the training time (22 hours).

Evaluation of Learner Achievement

Within the confines of the training activity, learners will be assessed based on two levels of the

Kirkpatrick Model:

- Level 1: Reaction. Participants will be asked to complete a course and faculty evaluation form to determine “the degree to which participants find the training favorable, engaging and relevant to their jobs”
- Level 2: Learning. The extent of learning will be assessed through pre-test and post-test, participation in exercises, and completion of worksheets/case studies.
- Level 3 (Behavior, or application in the workplace) and Level 4 (Results, or demonstrable outcomes) will not be assessed within the four-day training period.

Course Faculty

The course will be led by three researchers from the University of the Philippines Manila who have extensive experience in undertaking research commissioned by government agencies, multilateral bodies, and private organizations.

Carl Abelardo T. Antonio, MD, MPH, FRSPH, MIHM, AFCHSM

Dr. Carl Antonio, University Scientist and tenured Assistant Professor in public health, is a public health practitioner with experience in health services research. His research portfolio is focused on health services and health systems that has resulted to 60 refereed papers in national and international journals and conferences. Dr. Antonio serves as expert collaborator for the Global Burden of Diseases, Injuries, and Risk Factors Study led by the Institute for Health Metrics and Evaluation, University of Washington; Associate Editor of BMC Health Services Research and BMC Public Health; and external referee for the Philippine Council for Health Research and Development, and Scientific Review Council of the National Institutes of Health.

Amiel Nazer C. Bermudez, MD, MPH

Dr. Amiel Nazer C. Bermudez is Assistant Professor of Epidemiology at the UP College of Public Health. Dr. Bermudez attended training courses, both locally and abroad, on epidemiological methods in health research, advanced epidemiology, behavioral science and social epidemiology, and district health management. At present, Dr. Bermudez serves as consultant public health specialist for Asian Development Bank (ADB), Department of Health, and Johnson and Johnson Philippines. In addition, he also serves as external referee for the

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Philippine Council for Health Research and Development, and the Philippine Institute for Traditional and Alternative Health Care. Dr. Bermudez's researches focus on public health consequences of environmental degradation particularly on critically endangered watershed areas, maternal and child health, health financing, and tobacco control policies.

Kim L. Cochon, MSPH, RND

Prof. Kim L. Cochon is Assistant Professor of Biostatistics in the College of Public Health, and a panel member of the University of the Philippines Ethics Review Board (Panel 5B). She also serves as statistical/technical consultant to projects of the United Nations Development Programme (UNDP), EpiMetrics Inc., Health Futures Foundation Inc., Mundipharma Distribution GmbH (Philippine Branch), Johnson & Johnson (Philippines) Inc., Max's Group of Companies, and the Philippine Department of Health. Her research interests focus on epidemiologic and biostatistical methods, systematic reviews and meta-analyses, health systems, health economics, maternal and child health, mental health, and other priority diseases in the Philippines.

Continuing Professional Development Credits

The organizers will apply for CPD units for Physicians, Nurses, and Medical Technologists.

Course Fee

Php 15,000.00 per participant, inclusive of training kit, Certificate of Training, and meals and refreshments.

Contact Us

For further information, please contact the Course Coordinator, Dr. Carl Abelardo T. Antonio at ctantonio@up.edu.ph.

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Program of Activities

	Day 1 (24 Jul)	Day 2 (25 Jul)	Day 3 (26 Jul)	Day 4 (27 Jul)
8:00 am to 10:00 am	Opening Formalities 8:00 to 8:45 – Registration 8:45 to 9:15 – Pre-test 9:15 to 10:00 – Preliminaries * Opening program * Orientation to the course * Group photo	Session 2.1.: Quantitative research design, and methods to data collection and analysis (ACB/KLC)	Workshop 2: Appraising the technical merits of a research proposal (Lead Facilitator: ACB)	Workshop 4: Evaluation of completed research (Lead Facilitator: KLC)
10:00 am to 12:00 pm	Overview of the research commissioning process (CTA)	Session 2.2.: Qualitative research design, and methods of data collection and analysis (CTA)	Session 3.1.: Research ethics (CTA)	Session 5: Communicating evaluation result (KLC)
12:00 pm to 1:00 pm	Lunch	Lunch	Lunch	Lunch
1:00 pm to 3:00 pm	Session 1.1.: Developing the Terms of Reference (CTA) Session 1.2.: Research problem and objectives (ACB)	Session 2.2.: Qualitative research design, and methods of data collection and analysis (CTA) Session 2.3.: Mixed methods research design (CTA)	Workshop 3: Assessing the ethical soundness of a research proposal (Lead Facilitator: CTA)	Workshop 5: Communicating evaluation results (Lead Facilitator: KLC)
3:00 pm to 5:00 pm	Workshop 1: Critiquing Terms of Reference (Lead Facilitator: CTA) Session 1.3.: Managing the inception meeting (CTA)	Session 2.4.: Evidence synthesis and knowledge translation approaches to health systems research (ACB) Session 2.5.: Appraising the technical merits of a research proposal (ACB)	Session 4.1.: Presentation of research results (KLC) Session 4.2.: Systematic approach to evaluation of completed research (KLC)	Closing Formalities 3:00 to 4:00 – Post-test (JAM) 4:00 to 5:00 – Finales * Evaluation * Closing program * Awarding of certificates * Group photo
5:00 pm to 5:30 pm	Organizing Team Meeting	Organizing Team Meeting	Organizing Team Meeting	Organizing Team Meeting