**UNIVERSITY OF GHANA CENTRE FOR EVIDENCE SYNTHESIS**

**AND POLICY (UGCES)**

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| **COLLABORATING INSTITUTES**1. School of Public Health, University of Ghana, Legon
2. Ghana College of Physicians and Surgeons (GCPS), Accra
3. Noguchi Memorial Institute for Medical Research (NMIMR)
4. West African Centre for Cell Biology of Infectious Pathogens (WACCBIP)
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**WORKSHOP: ADVANCING INNOVATIVE, EVIDENCE-INFORMED, DEMAND-DRIVEN AND POLICY-RELEVANT RESEARCH IN AFRICA THROUGH CAPACITY BUILDING IN EVIDENCE SYNTHESIS**

**20-24TH MAY 2019, UNIVERSITY OF GHANA, LEGON, ACCRA**

**Opening ceremony**

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| **Time:** 9:00am -5:00 pm**Date:** 20th May 2019**Venue:** WACCBIP…, University of Ghana, Legon, Accra |
| **Time**  | **Activity**  | **Name**  |
| 8:00-9:00am | Registration  | Participants |
| 9:00-9:05am | Opening prayer  | TBC |
| 9:05-9:10am | Objectives of Workshop | TDA |
| 9:05-9:20am | Welcome address by Vice-Chancellor, University of Ghana  | Prof. Ebenezer Oduro Owusu |
| 9:20-9:35am |  | Provost, CHS, UG |
| 9:35-9:50am | Speech by Guest of Honour | TBC |
| 9:50-10:00am |  Group photo | All |
| 10:00-10:30am | Coffee/tea break |  |
| 10:30-11:00am | Introduction of participants and facilitators | All |
| 11:00-13:00pm | Introduction to Evidence Synthesis - Systematic Review | TDA  |
| 13:00 am– 14:00pm | Lunch break |  |
| 14:00-15:30pm  | Formulating the review question and developing the inclusion and exclusion criteria | COO |
| 15:30-16:00 | Coffee/tea break |  |
| 16:00-17:00 | Developing the review protocol  | COO |

Day 2

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| **Time**  | **Activity**  | **Name**  |
| 9:00-9:30am | Recap of Day sessions | TDA |
| 9:30-10:30am | Developing the search strategy using concept building  | TDA |
| 10:30-11:00am | Coffee/tea break |  |
| 10:00-13:00 | Hands on exercise: guided PubMed search | KS/ROA/TDA |
| 13:00-14:00pm | Lunch break |  |
| 14:00-15:30pm | Selecting studies and collecting data with some practical sessions | COO |
| 15:30-16:00pm | Coffee/tea break |  |
| 16:00-17:00 | Participants work on their Protocols | TDA/COO/DJ |

Day 3

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| **Time**  | **Activity**  | **Name**  |
| 9:00-9:30am | Recap of previous sessions | All |
| 9:30-11:00am | Assessing risk of bias in the included studies | TDA |
| 11:00-11:30am  | Coffee/tea/break |  |
| 11:300am-13:00pm | Introduction to RevMan and conducting meta-analyses | COO/DJ |
| 13:00-14:00pm  | Lunch break |  |
| 14:00-15:300 | Common sources of bias and errors and strategies for minimizing/addressing biases | DJ |
| 15:30-16:00 | Coffee/tea break |  |
| 16:00-17:00 | Assessing sources of heterogeneity and addressing them | DJ |

Day 4

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| **Time**  | **Activity**  | **Name**  |
| 9:00-9:30am | Recap of previous sessions | All |
| 9:30-11:00am | Reporting standards and guidelines for systematic reviews | DJ |
| 11:00-11:30am  | Coffee/tea/break |  |
| 11:300am-13:00pm | Measures of effect and making sense of biomedical data | TDA |
| 13:00-14:00pm  | Lunch break |  |
| 14:00-15:300 | Specialized systematic reviews* Systematic reviews of prevalence and incidence studies
* Diagnostic test accuracy
* Others
 | DJ/TDA |
| 15:30-16:00 | Coffee/tea break |  |
| 16:00-17:00 | Participants work on their protocols | TDA/DJ/COO |

Day 5

**Integrating economic methods in systematic reviews**

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| **Time**  | **Activity**  | **Name**  |
| 9:00-9:30am | Recap of previous sessions | All |
| 9:30-11:00am | Basic economic concepts, principles and types of studies | DJ |
| 11:00-11:30am  | Coffee/tea/break |  |
| 11:300am-13:00pm | Role & relevance of economic evidence in intervention reviews | DJ |
| 13:00-14:00pm  | Lunch break |  |
| 14:00-15:300 | Current recommended framework for incorporating economic perspectives & evidence into Cochrane intervention reviews | DJ/TDA |
| 15:30-16:00 | Coffee/tea break |  |
| 16:00-16:30 | Evaluation |  |
| 16:30-17:00pm | Closing remarks and Presentation of certificates | Provost, CHS, UG |