

**Fogarty MakCHS-UC Berkeley-UCSF Pulmonary Complications of AIDS Research Training (PART) Program  
& University of Zimbabwe-UC Berkeley-UCSF AIDS Research Training Program**

**Implementation Science Short Course**

Speke Resort and Conference Center, Munyonyo, Kampala: Thursday – Sunday, November 6-9, 2014

Course Faculty: Sara Ackerman, Adithya Cattamanchi, Luke Davis, Achilles Katamba, Art Reingold, Aggrey Semeere, Karen Webb

Objectives: The goals of this four-day intensive course symposium are to provide a practical, in-depth introduction to Implementation Science research, opportunities for participants to begin applying this approach to their own work, and to foster interactions and new collaborations among new and established implementation science researchers and practitioners.

<b>THURSDAY, NOVEMBER 6, 2014 - DAY ONE – PRE-INTERVENTION PLANNING I</b>		
<b>0930-1000</b>	Registration / Check-in	Richard Senvewo
<b>1000-1130</b>	Welcome and Introduction to the Course Participant and Faculty Introductions	Luke Davis Achilles Katamba Art Reingold Sara Ackerman
<b>1130-1215</b>	Lecture – Community Engagement Strategies <ul style="list-style-type: none"> <li>• Identify the principles and values of community engagement</li> <li>• Describe community engaged methods for implementation research</li> <li>• Outline key strategies of community engagement</li> </ul>	Sara Ackerman
<b>1215-1300</b>	Case Study - Community Engagement	Karen Webb
<b>1300-1400</b>	Lunch	Small Groups
<b>1400-1430</b>	Lecture – Introduction to Planning Models <ul style="list-style-type: none"> <li>• Defining evidence practice gap</li> <li>• Logic model of the problem</li> <li>• Systematic approach to intervention design and evaluation</li> </ul>	Adithya Cattamanchi
<b>1430-1445</b>	Case Study: TB GOAL – Defining the Evidence-Practice Gap	Achilles Katamba
<b>1445-1545</b>	Lecture – Defining the Evidence Practice Gap in Behavioral Terms <ul style="list-style-type: none"> <li>• Identify relevant stakeholder behaviors</li> <li>• Select target behavior(s) to intervene upon</li> <li>• Specify target behavior(s)</li> </ul>	Adithya Cattamanchi
<b>1545-1600</b>	Case Study: TB GOAL – Defining the Evidence-Practice Gap in Behavioral Terms	Achilles/Luke Davis
<b>1600-1730</b>	Tea and Practical Exercises Worksheet 1: Define the Problem in Behavioral Terms Worksheet 2: Select the Target Behavior	Adithya Cattamanchi / Small Groups
<b>1730-1800</b>	Evaluations	Luke Davis
<b>1800-1930</b>	Break	
<b>1930-2100</b>	Dinner	

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**FRIDAY, NOVEMBER 7, 2014 - DAY TWO – PRE-INTERVENTION PLANNING II**

<b>0830-0900</b>	Day 1 Review/Questions. Group spokesperson to present worksheet experience.	Adithya Cattamanchi
<b>0900-1030</b>	Lecture – Intro to COM-B Model/Relationship to Common Behavioral Theories <ul style="list-style-type: none"> <li>To describe the COM-B system and its supporting evidence base</li> <li>To outline the Behavioural Change Wheel and its relation to the COM-B system, intervention functions, and policy categories.</li> </ul>	Adithya Cattamanchi
<b>1030-1100</b>	Tea	
<b>1100-1230</b>	Lecture - Mixed Methods Research and Qualitative Data Collection <ul style="list-style-type: none"> <li>Identify the goals of mixed methods and qualitative research</li> <li>Summarize the most common mixed methods research designs</li> <li>Describe the most common qualitative data collection methods and the advantages and challenges of each</li> <li>Describe mixed methods and qualitative data analysis procedures</li> </ul>	Sara Ackerman
<b>1230-1245</b>	Case Study - TB GOAL Qualitative Data Collection and Analysis	Adithya Cattamanchi
<b>1245-1345</b>	Lunch	
<b>1400-1445</b>	Case Study - mHealth CI Qualitative Data Collection and Analysis	Luke Davis
<b>1400-1500</b>	Practical Exercise – Mock Focus Group Discussions	Sara Ackerman/Small Groups
<b>1500-1530</b>	Tea	
<b>1530-1730</b>	Practical Exercise – Worksheet 3: Specify the Target Behavior	Luke Davis / Small Groups
<b>1730-1800</b>	Evaluation	Luke Davis
<b>1800-1930</b>	Break	
<b>1930-2030</b>	Dinner	

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**SATURDAY, NOVEMBER 8, 2014 - DAY THREE – INTERVENTION DESIGN**

<b>0830-0900</b>	Day 2 Review and Questions	Luke Davis
<b>0900-1000</b>	Lecture – Intervention Functions and Policy Categories <ul style="list-style-type: none"> <li>• To outline the BCW intervention functions and their relation to COM-B defined barriers</li> <li>• To outline the BCW policy categories and their relation to intervention functions</li> </ul>	Luke Davis
<b>1000-1030</b>	Interactive Exercise: Jeopardy - COM-B Categories	Luke Davis
<b>1030-1100</b>	Tea	
<b>1100-1300</b>	Practical Exercises - Worksheet 4: Identify what needs to change	Luke Davis / Small Groups
<b>1300-1400</b>	Lunch	
<b>1400-1430</b>	Lecture - Behavior Change Techniques (BCTs) <ul style="list-style-type: none"> <li>• To outline the BCT taxonomy and its supporting evidence base</li> <li>• To describe the link between BCTs, intervention functions, and policy categories</li> <li>• To describe the process of identifying appropriate modes of delivery and linking them to BCTs</li> </ul>	Adithya Cattamanchi
<b>1430-1600</b>	Practical Exercises - Worksheet 5: Mapping Intervention Functions to COM-B Categories	Luke Davis / Small Groups
<b>1600-1630</b>	Tea Break	
<b>1630-1730</b>	Small Groups – Preparing Final Group Presentations for BCW Worksheets 1-5	Luke Davis
<b>1730-1800</b>	Evaluation	Luke Davis
<b>1800-1900</b>	Break	
<b>1900-2000</b>	Host Cocktail Reception (including dinner)	Achilles Katamba

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**SUNDAY, NOVEMBER 9, 2014 - DAY FOUR – INTERVENTION IMPLEMENTATION PLANNING & EVALUATION**

<b>0830-0930</b>	Day 3 Review and Small Group Final Presentations	Luke Davis
<b>0930-1030</b>	BCW Jeopardy: Intervention Functions	Adithya Cattamanchi
<b>1030-1100</b>	Tea	
<b>1100-1130</b>	<p>Lecture: Evaluation Frameworks using RE-AIM</p> <ul style="list-style-type: none"> <li>• Define evaluation thinking and its application to design, implementation, and evaluation of clinical and public health interventions</li> <li>• Introduce the RE-AIM evaluation framework as one approach to applying evaluation thinking to implementation science</li> </ul>	Luke Davis
<b>1130-1200</b>	Case study: RE-AIM Framework for Evaluating Interventions	Luke Davis
<b>1200-1230</b>	Next steps in ImS – Opportunities for additional training	Achilles Katamba / Fred Semitala
<b>1230-1300</b>	Question and Answer Session & Evaluations	Faculty / Luke Davis
<b>1300-1400</b>	Lunch and Departures	