

**Master of Public Health**  
**Module 237 Major C: Humanitarian Health information management and operational research**  
**Coordinator: Gregg Greenough**

**Dates: 30 Nov – 4 Dec, 2020**

**Location: Virtual, by Zoom invite**

Monday, November 30	Tuesday, December 1	Wednesday, December 2	Thursday, December 3	Friday, December 4
<p><b>9:00 am</b></p> <p>Introduction to the Module and Group Exercise</p> <p>Research in Humanitarian Crises – Introduction and Overview</p> <p><b>Gregg Greenough</b> (<i>Harvard T.H. Chan School of Public Health</i>)</p>	<p><b>9:00 am</b></p> <p>Quantitative methods: Survey study design, sampling and analysis</p> <p>Cluster Sampling: Statistical Basis and Exercise</p> <p><b>Gregg Greenough</b></p>	<p><b>9:00 am</b></p> <p>GIS in humanitarian operations I: sampling</p> <p>GIS in humanitarian operations II: spatial analysis</p> <p><b>Gregg Greenough</b></p>	<p><b>10:00 am*</b></p> <p>Surveillance field exercise</p> <p>Mixed quantitative and qualitative method applications</p> <p><b>Gregg Greenough</b></p>	<p><b>9:00 am</b></p> <p>The Future of Humanitarian Research: Urbanization, Resource Scarcity and Climate Change</p> <p>Ethical frameworks in researching vulnerable populations</p> <p><b>Gregg Greenough</b></p>
<b>12:00 pm Lunch</b>	<b>12:00 pm Lunch</b>	<b>12:00 pm Lunch</b>	<b>12:00 pm Lunch</b>	<b>12:00 pm Lunch</b>
<p><b>1:00 pm - 4:00 pm</b></p> <p>Estimating Populations</p> <p>Data for Humanitarian Response: Rapid Assessment and Crowdsourcing</p> <p><b>Gregg Greenough</b></p>	<p><b>1:00 pm - 4:00 pm</b></p> <p>Respondent Driven and Network Sampling methods: cases in GBV</p> <p><b>Jennifer Scott</b></p> <p>Quantitative methods: Case studies in mortality, morbidity, food insecurity, program impact</p> <p><b>Gregg Greenough</b></p>	<p><b>1:00 pm - 4:00 pm</b></p> <p>Digital methods and tools</p> <p>Surveillance and Outbreak Investigations</p> <p><b>Gregg Greenough</b></p>	<p><b>1:00 pm - 4:00 pm</b></p> <p>Qualitative Applications in humanitarian studies: Case Study</p> <p><b>Mandana Mehta</b></p>	<p><b>1:00 pm - 3:00 pm</b></p> <p>Group research presentations with class critique and discussion</p>

*Please note that some minor changes could occur*