



**PENAPH - Participatory Epidemiology Network for Animal and Public Health**

**PARTICIPATORY EPIDEMIOLOGY  
TRAINING WORKSHOP**

Summer 2013

Draft Agenda



VETERINARIANS  
WITHOUT BORDERS



VÉTÉRINAIRES  
SANS FRONTIÈRES



# PARTICIPATORY EPIDEMIOLOGY TRAINING WORKSHOP

Summer 2013

## Organizers:

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**Schedule:** 2 week intensive workshop, 6 – 17 May, 2013  
09:00 – 16:00 daily

**Location:** Ontario Veterinary College, University of Guelph

**Room:** TBA

## Description:

Participatory epidemiology (PE) uses community-based research techniques to bring new perspectives and solutions to public health issues. PE integrates human and animal health research, empowers knowledge holders through a collaborative research process, and can provide missing qualitative and semi-quantitative data.

## Workshop Objectives and Design:

At the end of the workshop students will be able to: explain the principles of PE and the importance of experiential learning; develop and apply PE techniques in fieldwork; identify a network of expertise among public health, veterinary, and medical individuals and organizations in Canada; and link PE to One Health and ecosystem approaches to health.

## Certificate of Attendance

Workshop participants will be provided with a Certificate of Attendance by PENAPH<sup>1</sup> and will be eligible to consider following up with PENAPH's practitioner of participatory epidemiology certification (see <http://penaph.net/>)

## Cost

**The workshop fee is 400 CAD/participant and the number of participants will be limited to 20 to best organize the field components.** Participants are responsible for the cost of travel to Guelph, food and accommodation. Assistance reserving University residence rooms will be provided, as necessary. A non-refundable deposit of 250 CAD, paid to the University of Guelph by March 1<sup>st</sup> is required to secure a spot in the workshop. The remainder will be collected on the first day of class

*Please note:* if there is insufficient demand, the organizers reserve the right to cancel the workshop and will return any deposit money received.

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<sup>1</sup> Participatory Epidemiology Network for Animal and Public Health

## Workshop Schedule\*

\*Subject to Change

### WEEK ONE

Time	6 May	7 May	8 May	9 May	10 May
	<b>What is PE?</b>	<b>Case Study<sup>^</sup>; PE Tools &amp; Techniques</b>	<b>In House Practice</b>	<b>Develop Interviews</b>	<b>Field Work*</b>
<b>Room</b>					
<b>9:00 – 10:15</b>	J. Mariner	Group Introductions	T&T <sup>1</sup> practice	Developing Interview Strategy	Field work - interviews
<b>10:15 – 10:30</b>	Break	Break	Break	Break	
<b>10:30- 12:15</b>	J. Mariner	Introduction to the Case Study	T&T <sup>1</sup> practice	Continued	Continued
<b>12:15- 13:00</b>	Lunch	Lunch	Lunch	Lunch	
<b>13:00 – 14:30</b>	TBD	J. Mariner	T&T <sup>1</sup> practice	Discussion of Interview Strategies	Debriefing of Interviews
<b>14:30 – 14:45</b>	Break	Break	Break	Break	Break
<b>14:45 – 16:00</b>	Other examples? Reflection	Reflection	T&T <sup>1</sup> practice  Reflection	Group Work & Reflection	Group Work & Reflection

<sup>1</sup>T&T = Tools and Techniques

<sup>^</sup> To be confirmed: the case study used in the workshop will likely focus on 'most likely source of infection' enteric illness data in partnership with the Public Health Agency of Canada

\*Final field assignment will depend on workshop numbers and interviewee availability

**WEEK TWO**

	<b>13 May</b>	<b>14 May</b>	<b>15 May</b>	<b>16 May</b>	<b>17 May</b>
	<b>Field Work - Focus Groups</b>	<b>Field Work - Interviews +</b>	<b>Interpretation of Results</b>	<b>Pulling it Together/ Discussion/ Questions</b>	<b>Group Presentations</b>
<b>Room</b>					
<b>9:00-10:15</b>	Focus groups	Interviews +	J. Mariner	J. Mariner	Group Presentations
<b>10:15 - 10:30</b>	Break	Break	Break	Break	Break
<b>10:30-12:15</b>	Continued	Continued	Group Work	J. Mariner	Group Presentations
<b>12:15-13:00</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13:00 - 15:30</b>	Debrief focus groups	Debrief Interviews +	Group Work	J. Mariner	Discussion
<b>15:30 - 15:45</b>	Break	Break	Break	Break	Break
<b>15:45 - 17:00</b>	Group Work & Reflection	Group Work & Reflection	Group Work & Reflection	Group Work & Reflection	Conclusion

## RECOMMENDED READINGS

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Mariner, J.C. et al. Participatory epidemiology and participatory disease surveillance as an integral component of animal disease surveillance systems. Draft Position Paper. PENAPH.

Mariner, J.C., S. Hendrickx, B. Admassu, L. Knopf and B. Jones. Participatory epidemiology methods for foot and mouth disease surveillance. Proceedings of the First OIE/FAO Global Conference on Foot and Mouth Disease.

Jost, C.C., J.C. Mariner, P.L. Roeder, E. Sawitri and G.J. Macgregor-Skinner. 2007. Participatory epidemiology in disease surveillance and research. *Rev. sci. tech. Off. Int. Epiz.* 26(3):537-549.

Shiferaw, T.J., K. Moses and E. Manyalishal. 2010. Participatory appraisal of foot and mouth disease in the Afar pastoral area, northeast Ethiopia: implications for understanding disease ecology and control strategy. *Trop Anim Health Prod* 42:193-201.

Chambers, R. 1994. The origins and practice of participatory rural appraisal. *World Development*. 22(7):953-969.

### Selected PE Techniques to be Covered in the Workshop

Interviewing	Ranking and Scoring	Direct Observation	Visualization
Semi-structured interviews	<i>Simple:</i> Ranking Proportional Piling	Transect walks  Observation	Mapping  Diagramming
Focus groups	<i>Complex:</i> Matrix Scoring Dividing Piles		Participatory Mapping