

PUBH 714 – Summer 2016
Monitoring and Evaluation of Global Health Programs
Instructor: Dr. Ghazaleh Samandari, PhD MPH

Course Description

Welcome to PUBH714! This course covers the fundamental concepts and tools for monitoring and evaluation of global public health programs. Basic concepts and practices in M&E will be covered such as formative research, stakeholder engagement, conceptual frameworks, data collection methods, indicator development, survey and focus group design, performance monitoring and designs for process, outcomes, impacts and efficiency.

Online course. Prerequisite: Permission of Instructor.

Textbooks

- Rossi, P.H., Lipsey, M.W. and Freeman, H.E. (2004) *Evaluation, A Systematic Approach* (7th Edition), Sage Publications, Inc. Thousand Oaks, CA. *(Note: please obtain the 7th edition as it is significantly different from previous editions)*
- Imas, L.G., Rist, R.C. (2009). *The Road to Results – Designing and Conducting Effective Development Evaluations*, The International Bank for Reconstruction and Development, Washington, DC. Available on line at:
<https://openknowledge.worldbank.org/bitstream/handle/10986/2699/526780PUB0Road101Official0Use0Only1.pdf?sequence=1>
- **(Readings from this text will be posted on Sakai)**

APART FROM THE SPECIFIC DATES MENTIONED, ALL ASSIGNMENTS WILL BE DUE ON SUNDAY AT MIDNIGHT AT THE END OF THE MODULE

PART A: EVALUATION QUESTIONS AND DATA

Module 1 (May 11- 15): Introduction to Monitoring and Evaluation

Readings:

The Road to Results - Designing and Conducting Effective Development Evaluations (R2R), – Chapter 1, pages 1-18.

Rossi, Lipsey and Freeman, Chapter 2. Pages 31-61.

Case Study: P36- 40 in Road to Results

Module 2 (May 16-22): Program Theory and its Use in Evaluation

Readings:

Rogers P., Petrosino A., Huebner TA. and Huebner TA. Program Theory Evaluation: Practice, Promise and Problems. New Direction for Evaluation 87, pages 1-9. 2000

Anderson, A. Community Builder's Guide to Theory of Change. Aspen Institute.

W.K.Kellogg Foundation. Logic Model Development Guide. 2004. Chapters 2 and 4

Nancholas, S. How to do (or not to do) a logical framework. Health Policy and Planning 13(2). 1998.

Van der Velder, F. Capacity Assessment of Non Governmental Development Organizations: Beyond the Logical Framework. 2003

Case Study: Unite for Sight development case studies

Module 3 (May 23-29): Developing Evaluation Questions with Stakeholders

Readings:

The Road to Results - Designing and Conducting Effective Development Evaluations (R2R), – Chapter 6, pages 221 – 234.

Rossi, Lipsey and Freeman, Chapter 3. Pages 67 – 79

Case Study: Asian Development Bank Decentralized Health Project in Indonesia.

START OF GROUP PROJECT**Module 4 (May 30- June 5): Indicators for Measuring Performance****Readings:**

Church, C. and Rogers, MM. Designing for Results: Integrating Monitoring and Evaluation in Conflict Transformation Programs. Search for Common Ground. 2006. Chapter 4.

Kusek, J. and Rist, R. Ten Steps to a Results-based Monitoring and Evaluation System. World Bank. 2004 . Chapters 3 and 5.

Larson, C., Mercer, A. Global health indicators: an overview. Canadian Medical Academy Journal. 171(10). Pages 1199-1200. 2004.

Glossary of Global Health Indicators. Canadian Medical Academy Journal. 171(10). 2004. e-appendix.

Case Study: See Module 4 Group assignment attachments

Group Project Part #1 Due June 5**Module 5(June 6-12): Data Collection Strategies****Readings:**

Sections from Road to Results, Chapters 8 and 9.

- o Part 1 - Data Collection Strategy
- o Part 2 - Data Collection Tools

Corsi, DJ, Neuman M, Finlay JV and Subramanian SV. Demographic and Health Surveys: A Profile. International Journal of Epidemiology. 41. 1602-1613. 2012.

Case Study: Sample DHS Report: Measure DHS. Bangladesh Demographic and Household Survey Preliminary Report. 2011.; USAID: DHS Survey Model Household Questionnaire.

Module 6 (June 13-19): Sampling Approaches

Readings:

Sections from Road to Results, Chapters 8 and 9.

- o Sampling Strategy

Devane D, Begley CM, Clarke M. (2004) 'How many do I need? Basic principles of sample size estimation'. *Journal Of Advanced Nursing*, 47 (3).

Case Study: Young Lives: A Case Study of Sample Design for Longitudinal Research.

Group Project Part #2 due June 19

PART B: EVALUATION METHODS

Module 7 (June 20-26): Formative and Process Evaluation

Readings:

Rossi, Lipsey & Freeman, Chapter 6. Pages 169-199.

Annie E. Casey Foundation. Community Health Summit Toolkit : Process Evaluation as a Quality Assurance Tool. 2002.

Linnan L, Steckler A. Chapter 1 An Overview in Process Evaluation for Public Health Interventions and Research. Steckler A, Linnan L. Eds. Jossey Bass. 2002.

Murray, JLC, Lopez AD and Wibulpolprasert, S. Monitoring Global Health: Time for New Solutions. *British Medical Journal*. 329 (6). 1096-1100. 2004

Case Study: M Schneider, M., et al. Rationale, Design and Methods for Process Evaluation in the HEALTHY study. *International Journal of Obesity*. 33 S60-S67. 2009.

Module 8 (June 27-July3): Evaluating Program Outcomes Part 1: Randomized Experiments

Readings:

Rossi, Lipsey & Freeman, Chapter 7. Pages 203-222.

Rossi, Lipsey and Freeman. Chapter 8. Pages 233-264.

Road to Results – Pages 247-261

Habicht JP, Victora CG and Vaughn JP. Evaluation Designs for Adequacy, Plausibility and Probability of Public Health Programme Performance and Impact. *International Journal of Epidemiology*. 28. 10-18. 1998.

MIT Poverty Action Lab, “How to Design an Evaluation”

<http://www.povertyactionlab.org/methodology/how/how-design-evaluation>

Group Project Part #3 due 6 July

Module 9 (July 4-10): Evaluating Program Outcomes Part 2: Quasi Experimental and Non Experimental Designs

Readings:

Rossi, Lipsey and Freeman. Chapter 9. Pages 265-297.

Road to Results – Pages 262-272

Victora CG, Habicht JP and Bryce J. Evidence Based Public Health: Moving Beyond Randomized Trials. *American Journal of Public Health*. 27(3). 400-405. 2004.

Case Study:

Agha S. A Quasi-Experimental Study to Assess the Impact of Four Adolescent Sexual Health Interventions in Sub-Saharan Africa. *International Family Planning Perspectives*. 28(2). 2002.

Module 10 (July 11- 17): Integrating Qualitative and Quantitative Data – Mixed Methods Designs

Readings:

Bamberger M, Rao V and Woolcock M. Using Mixed Methods in Monitoring and Evaluation: Experiences from International Development. World Bank. 2010.

Glasgow RE, Vogt TM, and Boles SM. Evaluating the Public Health Impact of Health Promotion Interventions: The RE-AIM Framework. *American Journal of Public Health*. 89(9). 1999.

Case Study:

Coghlan A. Evaluation Plan for Interventions to Support MSM in Indonesia. 2005.

Group Project Part #4 due July 18

Submit Group Project Draft (Parts 1-4) July 19
Final Group Project July 24 (Parts 1-5)
Final Exam July 25-26