

PUBH 714
Monitoring and Evaluation of Global Health Programs
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Course Description:

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 outcomes, impacts and efficiency.

Online course. Prerequisite: Permission of Instructor. Summer, Ramaswamy.

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: PLANNING FOR EVALUATION

Module 1: (Week of May 12) 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: (Week of May 19) Developing Evaluation Questions with Stakeholders

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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.

Module 3 (Week of May 26) Creating an Evaluation Framework**Start of Group Project****Readings:**

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 4 (Week of June 2) Specifying 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:

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Borland R. PlayPump Projected Impacts. PhD Thesis. 2011.

UNICEF. PlayPump Evaluation Report. 2007

Module 5 (Week of June 9) Collecting M&E Data

Readings:

Sections from Road to Results, Chapters 8 and 9.

- Part 1 - Data Collection Strategy
- Part 2 - Data Collection Tools
- Part 3 - Sampling Strategy

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.

PART B – CONDUCTING EVALUATIONS

Module 6 (Week of June 16) Monitoring Progress and Evaluating Program Processes

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.

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.

Mid-term Quiz (June 20 – 22)

Module 7 (Week of June 23) Evaluating Program Outcomes and Impacts Part 1: Randomized Experiments

Readings:

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

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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.

Case Study:

More et al. Cluster-randomised Controlled Trial of Community Mobilisation in Mumbai Slums to Improve Care during Pregnancy, Delivery, Postpartum and for the Newborn. *Trials*. 9(7). 2008.

Module 8 (Week of May 31) Evaluating Program Outcomes and Impacts 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 9 (Week of July 7) Integrating Qualitative and Quantitative Data – Mixed Methods Designs and the RE-AIM Framework

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.

Module 10 (Week of July 14) Evaluating Program Cost Effectiveness and Equity

Readings:

Rossi, Lispey & Freeman. Chapter 11. Pages 331-368

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Segone, M. Evaluation to Accelerate Progress towards Equity, Social Justice and Human Rights. UNICEF. 2011

Reynolds M and Williams B. Systems Thinking and Equity – Focused Evaluations. UNICEF. 2011.

Case Study:

Vijgen et al. Cost-effectiveness analyses of health promotion programs: a case study of smoking prevention and cessation among Dutch students. Health Education Research. 23(2). 2008.

Submit Group Project (July 22)

Final Exam (July 24-July 26)