Community-Based Primary Health Care in the Western Hemisphere: Case Studies from Bolivia, Peru, Guatemala, and Haiti

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Outline

- My early professional experiences in Bolivia
- CLAS in Peru
- An example from Guatemala
- Hospital Albert Schweitzer in Haiti
- The census-based, impact-oriented (CBIO) approach
- Conclusions
Section A

Early Work in Bolivia
Bolivia’s Altiplano

Photo: Henry Perry
Bolivia’s Altiplano

Photo: Henry Perry
Bolivia’s Altiplano
Aymaran Children

Photo: Henry Perry
High Mortality for Children
Baker at School

Photo: Henry Perry
can health and nutrition interventions make a difference?

Davidson R. Gwatkin
Janet R. Wilcox
Joe D. Wray

with a foreword by Halfdan Mahler
Early Goals

- Demonstrate reduction in under-five mortality in a population of 250,000 people
- Measure baseline data in survey
- Build a community-oriented PHC program within the context of Ministry of Health services
This photograph has been deleted because JHSPH OpenCourseWare was not able to secure permission for its use.
Pioneers in Community-Based Primary Health Care

Carl Taylor

John Wynon
The Khanna Study

Population Problems in the Rural Punjab

John B. Wyon and John E. Gordon
Pioneering Elements of the Khanna Study

- Visits to every household every two weeks
- Promotion of family planning activities
- Prospective registration of vital events
- Also: weekly meetings with 4-5 “informants” in a village of 1,500 people to record any vital events they had heard about
- Annual mapping and census of each village
Influence of the Khanna Study

- On Narangwal Project
  - Indirectly on Jamkhed and SEARCH

- On Matlab MCH-FP Project
  - Indirectly on Bangladesh national FP program, Navrongo, Ghana, and others

- On the Berggrens and the Hôpital Albert Schweitzer in Haiti
  - Indirectly on Save the Children/USA and beyond)
Trials and Travails of Getting a Field Project Started

- 1979-1981: finding a field site and a sponsoring organization
- 1981-1984: initial field activities in Bolivia and establishing donor support
- 1985-1994: further development of field activities, establishment of an NGO
Impact of a Community-based Comprehensive Primary Healthcare Programme on Infant and Child Mortality in Bolivia

Henry B. Perry¹, David S. Shanklin², and Dirk G. Schroeder³

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## Mortality Impact of CBIO in Bolivia

<table>
<thead>
<tr>
<th>Age group</th>
<th>Intervention area</th>
<th>Comparison area</th>
<th>Difference</th>
<th>Statistical significance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-11 months</td>
<td>75.7</td>
<td>116.7</td>
<td>41.0</td>
<td>&gt;0.05</td>
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<tr>
<td>12-59 months</td>
<td>5.7</td>
<td>22.2</td>
<td>16.5</td>
<td>&lt;0.01</td>
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<tr>
<td>0-59 months</td>
<td>98.5</td>
<td>205.5</td>
<td>107.0</td>
<td>&lt;0.001</td>
</tr>
</tbody>
</table>

Childhood Deaths in Bolivia

Percentage of Childhood Deaths in each Program Area by Cause at CSRA/Curamerica Sites in Bolivia

Source: Henry Perry
Childhood Deaths in Carabuco

Percentage of Childhood Deaths in Carabuco by Age at Death

Source: Henry Perry
Childhood Deaths in Montero

Percentage of Childhood Deaths in Montero by Age at Death

Source: Henry Perry
Adult Mortality

- Suicide
  - The leading cause of mortality in adults 15-64 years of age in Carabuco, where native American people live on the Northern Altiplano