Researches Activities of National Nutrition program, by Nutrition and Food Science Research Directorate of EPHI

By: Masresha T, EPHI
National Nutrition Program research activities

• Recently, the Ethiopian Public Health Institute (EPHI) conducted over 20 researches, will support the NNP implementation in Ethiopia.
  – The institute also trying to expand the research collaboration with Public Universities and research institute.
  – Currently the institute is working research activities of NNP with five public universities and regional health Office.
National Nutrition...

• Vision of the directorate:

“ To be a center of excellency research institute on nutrition, food science, food technology and laboratory service.”
National Nutrition...

FSNRD of EPHI has three major activities

1. Research: Nutrition, food science, food technology, micro-nutrients, community and food and water microbiology.

2. Laboratory analysis to food industry, universities, private organization and government organization.

3. Training, consultancy and Advices for food industry, universities etc.
NNP Research, monitoring and Evaluation Sub-committee

NNP Research monitoring and Evaluation Sub-committee

– By the chair of EPHI and co-chaired EIAR
– ToR is developed and approved by the sub-committee and NNCB.
National Nutrition...

• Five Operational researches with five public Universities
<table>
<thead>
<tr>
<th>Universities</th>
<th>Title of Researches</th>
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<tbody>
<tr>
<td>Gonder</td>
<td>Assessment of accessibility, coverage and utilization of CBN by newly-wed and adolescent girls in selected woreds of Amhara region, Ethiopia.</td>
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<tr>
<td>Mekelle</td>
<td>Examining Means of Reaching School and Non School Attending Adolescent Girls for Iron Supplementation in Tigray Region, Northern Ethiopia</td>
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<tr>
<td>Jimma</td>
<td>Effectiveness of school based health and nutrition education to improve health and dietary practices of primary school children in Jimma zone</td>
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<td>AA</td>
<td>Evaluating the bioavailability, digestibility, and sensory acceptability of community based complementary foods</td>
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<tr>
<td>Hawassa</td>
<td>The effect of nutrition education on child feeding practices and nutritional status</td>
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Recently Completed NNP researches:

1. National Iodized salt coverage in Ethiopia
2. An examination of the dynamics of nutrition program implementation in Ethiopia: Facilitators and Constraints at National and Sub National Level
5. Effective modalities to improve pregnant women’s compliance to daily iron-folat supplementation.
7. Assessment of status of infant and young child feeding (IYCF) practice, policy and programs: Achievements and Gaps in Ethiopia

8. Diet diversity is negatively associated with stunting among Ethiopian children 6-23 months of age

9. Nutritional Profile of Moringa Stenopetala Species Samples Collected in Different Places in Ethiopia and their Comparison with Morniga Oliferea Species

10. Sensory acceptability trial for a chickpea based ready to use supplementary food among moderately malnourished children (6 – 59 months)

11. Integrated refresher training (IRT)
   
   - **Phase one:** Quality of community based nutrition of integrated refresher training and supportive supervision provided for HEWS, Amhara region.
   
   - **Phase two:** Implementation of community based nutrition program in Ethiopia after integrated refresher training.
Recently Completed researches:

12. Fluoride intake and mitigation.
13. Shelf life study
15. Assessment of the Utilization and supplementary values of Amaranth to Improve the Ethiopian traditional diets
17. Up dating of food composition table Ethiopia.
18. Physicochemical characteristics of bottled water in AA.
On going researches Projects:

1. Action researches on NNP with Universities.
3. Shelf life study
5. Interaction b/n Nutrition and major disease (TV and HIV)
6. Ready to use supplementary food (RUSF) project.

7. Bio-availability study


9. Screening of total Aflatoxin level in selected commercial food in Addis Ababa.
10. The effect of Quality Protein Maize on Nutritional, Health and Economic Status of Women and their Children among Maize growing areas of Ethiopia. QPM
Current International collaboration with FSNRD

- McGill University, Canada
- Oklahoma University, USA
- University of Saskatchewan, Canada
- University of Hohenheim, Germany
- CDC
- International Atomic Energy Agency (IEA)
- World Bank
- MI
- WHO
- UNICEF
- WFP
- FAO
- Micronutrient Initiatives
- Economic Commission for Africa (ECA)
- USAID
- World Vision Ethiopia
- CIMMYT
- IFPRI
Thank you very much for your attention!!!