



Micronutrient Global Leadership Project

SCN Working Group on Micronutrients: Information Sharing Template for 2005 and Earlier Activities

Table 1: Demographic Information

<u>Name of Reporting Individual</u>	Veronica Triana
<u>Institution/Organization</u>	Micronutrient Global Leadership Project (project closed on September 28, 2005) The Micronutrient Global Leadership (MGL) Project is a multi-year cooperative agreement between the U.S. Agency for International Development (USAID) and the ILSI Research Foundation.
<u>Contact address (Email)</u>	ILSI Research Foundation, One Thomas Circle, NW, Ninth Floor, Washington, DC 20005, USA
<u>Position</u>	Project Manager
<u>Department/Section</u>	ILSI Research Foundation/Human Nutrition Institute

Table 2: Measurement, assessment, monitoring and reporting micronutrient deficiencies:

<u>Geographic area(s) covered by this table (community, province, country, region)</u>	Global
<u>Project Name (if relevant)</u>	“Assessment and Determination of Biomarkers of Inflammation in Urine” Francisco Rosales, The Pennsylvania State University
<u>Supporting Agencies (if relevant)</u>	U.S. Agency for International Development

Operational Research																								
multiple micronutrients were analyzed																								
Table 4: Supplementation:																								
<u>Geographic area(s) covered by this table (community, province, country, region)</u>										Ghana, global														
<u>Project Name (if relevant)</u>										“Ghana, Vitamin A, and Maternal Mortality “ObaapaVitA” Trial: Development of Infant and Neonatal Work Program, Phase 1” Betty Kirkwood, London School of Hygiene and Tropical Medicine “Meta Analysis of the Effect of Multiple Micronutrient Supplementation (including iron) on Hemoglobin Response in Children and Pregnant Women” Harshi Sachdev, Maulana Azad Medical College														
<u>Supporting Agencies (if relevant)</u>										U.S. Agency for International Development														
										Micronutrients														
<u>Activities</u>										Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E
Supplementation project size																								
Efficacy Trials																								
<input checked="" type="checkbox"/> <p>“Meta Analysis of the Effect of Multiple Micronutrient Supplementation (including iron) on Hemoglobin Response in Children and Pregnant Women.” Harshi Sachdev, Maulana Azad Medical College Three major meta-analyses of randomized controlled efficacy trials that considered the benefits of iron supplementation in children in each of the following areas: mental and motor development, hematological parameters, and physical growth.</p>																								
Supplement related Research																								
<input checked="" type="checkbox"/> <p>“Ghana, Vitamin A, and Maternal Mortality “ObaapaVitA” Trial: Development of Infant and Neonatal Work Program, Phase 1.” Betty Kirkwood, London School of Hygiene and Tropical Medicine The outputs of phase 1 of this study included: three papers concerning breastfeeding and other</p>																								

neonatal care practices, the first of which has been accepted by Pediatrics, a report on cause of neonatal deaths, a proposal for a new trial of newborn vitamin A and an abstract presented at the International Nutrition Congress, Durban, September 2005.

Table 7: Any other activities associated with each micronutrient(s) that you/your organization are working on:

<u>Geographic area(s) covered by this table (community, province, country, region)</u>	Nepal, Ghana, Uganda, global														
<u>Supporting Agencies (if relevant)</u>	U.S. Agency for International Development														
	Micronutrients														
<u>Activities</u>	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E
Research		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
<p>The following research activities received funding from MGL in 2005:</p> <ul style="list-style-type: none"> • “Community Interventions to Improve Child Survival in Rural Nepal: A Cluster Randomized Controlled Trial of the Impact of Women’s Groups on Neonatal Mortality, Stillbirths, and Maternal and Infant Nutrition” Anthony Costello, Institute of Child Health • “The Role of Women Health Care Providers as “Change Agents” in Nutrition Interventions: Report of an Exploratory Study in the Eastern Region of Ghana” Samuel Newton, via the MOST project • “Improving Health and Nutrition of Community Women Health Providers to Enable Them to Be a More Effective Agent of Change” Jessica Jitta, Makerere University 															
Other areas (please list)		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									

The following reports were published in 2005:

- International Vitamin A Consultative Group. Report of the XXII IVACG Meeting: Vitamin A and the Common Agenda for Micronutrients. Washington, DC; 2005.
- International Nutritional Anemia Consultative Group. Report of the 2004 INACG Symposium:

Iron Deficiency in Early Life: Challenges and Progress. Washington, DC; 2005.

The following 2005 published papers arose out of work supported by MGL:

- Beard JL, Hendricks MK, Perez EM, Murray-Kolb LE, Berg A, Vernon-Feagans L, et al. Maternal Iron Deficiency Anemia Affects Postpartum Emotions and Cognition. *J Nutr.* 2005; 135: 267–272.
- Perez EM, Hendricks MK, Beard JL, Murray-Kolb LE, Berg A, Tomlinson M, et al. Mother-Infant Interactions and Infant Development Are Altered by Maternal Iron Deficiency Anemia. *J Nutr.* 2005; 135: 850–855.