

# **Nutrition Communication Project**

**QUARTERLY  
TECHNICAL REPORT**

**10**

**January - March 1990**

**Academy for Educational Development  
1255 23rd Street, N.W.  
Washington, D.C. 20037**

DAN-5113-Z-00-7031-00

936-5113

PD-ABF-115

**NUTRITION EDUCATION/SOCIAL MARKETING  
FIELD SUPPORT PROJECT**

**Quarterly Technical Report No. 10  
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**QUARTERLY ACTIVITY REPORT NO. 10**  
**JANUARY - MARCH 1990**

**I. HIGHLIGHTS**

The following highlights some of the major activities carried out by the Nutrition Communication Project (NCP) during the January-March 1990 period:

- *Media Promotion of Breastfeeding*, distributed during this quarter, received a very favorable response from around the world.
- Staff provided technical assistance to country projects in Guatemala, Honduras, Mali, Burkina Faso, Niger and the Dominican Republic.
- Production of a video on nutrition counseling for growth monitoring got underway with planning visits to Bolivia and the Dominican Republic.
- Field researchers from Mali and Niger met with NCP staff in Washington to review ethnographic findings on dietary intake of vitamin A and to strategize on promising ways to improve eating patterns and household food processing.
- The report of the 1989 International Nutrition Planners Forum -- *Crucial Elements of Successful Community Nutrition Programs* -- was issued.
- Ethnographic research on vitamin A was carried out in Mali (Macina) in collaboration with the Ministry of Health and CARE/Mali.
- In Burkina Faso the project team finalized a training manual and pretested print and audio-visual materials.

## II. PROJECTS AND OTHER FIELD SUPPORT ACTIVITIES

### A. AFRICA

#### Burkina Faso

In this quarter, the Nutrition Communication Project team at the Ministry of Health (Ministère de la Santé Publique et de l'Action Sociale) completed the creative production and pretesting of a set of educational materials focused on maternal and infant feeding. NCP fielded Peter Gottert, owner and director of Development Graphics (located in Benin) in January to assist the team to:

- (1) Revise and pre-test a nutrition education slide show "Les Familles Burkinabès sur le Chemin de la Santé", and
- (2) Develop a *User's guide/Training manual* that combines the story line, the educational/motivational objectives for each target audience, animation guide, and pre/post test for health workers.

After previewing the slide show with the new Director of Family Health, Dr. Didier Bakouan, Gottert and the MSPAS team conducted five pretesting sessions in the village of Kelbo with the primary target groups, and three additional sessions with health managers and workers in Ouagadougou. In response to feedback, the MSPAS made one major change in the story line of the script, and refined the characters and scenes to make them consistent with viewer expectations, values and beliefs. The narrative was written, and slides were re-shot on location using actors from the Atelier Théâtre Burkinabè (as done previously). A draft user's guide was completed, which was circulated at the MSPAS for additional input.

In March, Gottert made a second two-week visit to Burkina to assist the team in finalizing the training manual and developing a supporting poster and pamphlet.

Plans are for AED Contracts Specialist Patricia Chesnais to make a country visit next quarter to explore possibilities of subcontracting with the MSPAS and a local accounting firm to facilitate disbursement of funds for project activities. This has been difficult to arrange without a resident advisor. Claudia Fishman also plans a technical assistance visit in May.

In Washington, Claudia Fishman, presented an overview of the Burkina project, highlighting the intended beneficiaries and strategies for reaching them. NCP senior staff provided technical input, which will be transmitted to the MSPAS team in May, so that any changes may be incorporated prior to final production of materials on location.



Scene from slide show:  
"Les Familles Burkinabès sur le Chemin de la Santé"

### Mali

NCP has worked closely with the Nutrition Section of the Division of Family Health since October, 1988, to develop a communications strategy for improving infant and maternal nutrition in Mali. The strategy, referred to as the "Mali Nutrition Communication Project," includes two major components:

1. Improving general maternal nutrition and infant feeding in Bamako and Koulikoro, the zones included in the Integrated Family Health Project (IFAHS) funded by USAID/Mali.
2. Improving Vitamin A nutrition in selected regions of the country.

The first component of the project has been approved by the Family Health Division (DSF), Ministry of Health (MSPAS) and is included in the 1990 workplan. Local funding will be released for project activities commencing in May. AED received funds from USAID/Mali to assist in the development of this component of the Mali Nutrition Communication Project.

NCP also received funding from the A.I.D. Office of Nutrition to support activities related to improving Vitamin-A rich food consumption in the Sahel and from the Africa Bureau for communication research activities in specified priority countries (including Mali). With this central support, NCP developed the Mali "Communication for Vitamin A (CVA)" project in collaboration with the Nutrition Section of the DSF, and two other A.I.D. funded projects (CARE/MSPAS Macina Child Survival Project and the VITAP project of Helen Keller International).

### Vitamin A Activities

The first formative research activity for Vitamin A was a rapid ethnographic assessment of villages participating in the CARE/MSPAS Child Health Project in Macina conducted in December, 1989. AED Consultant, Dr. Katherine Dettwyler (Department of Anthropology, Texas A & M University), who conducted the assessment participated in a two-day meeting at AED to review findings. Based on this January meeting, attended by Fishman, Parlato, researcher Nancy Keith from Niger and Lauren Blum (HKI), a series of issues for in-depth study was identified. A research report was also prepared and translated into French.

This quarter the Mali Project, directed by Djibril Semega, Head of the Nutrition Section also completed in-depth formative research for Vitamin A communications in the Macina circle of Ségou. Claudia Fishman co-directed this research with Katherine Dettwyler between March 4 - 24, 1990.

A six-person team was selected from among the participating agencies to conduct qualitative and market survey research in fifteen villages in Macina. The team collected in-depth material on dietary practices of pregnant women; current child feeding practices and attitudes; seasonal availability and price of Vitamin A source foods; the role of men in improving the dietary regime of pregnant women and young children; the reaction of different population segments to hypothetical food behavior changes suggested by the researchers; appropriate communication channels and media for rural populations; and appropriate training and educational materials for village health and gardening project agents (CARE/MSPAS Macina Child Health Project Monitors, DAZA agents and the MSPAS regional medical staff). The research report is being translated into French for use by the MSPAS and participating PVOs.

Fishman and Dettwyler led the research team through two days of orientation and training in the research methods (nutrition market survey, focus group and in-depth interviews). At this time, specific Vitamin A source foods as well as villages representing various levels of health awareness (non-exposed to health education; currently receiving information from CARE; and villages nearing self-maintenance of health practices, were selected for study.

Following refinement and pretesting of all questionnaires, the team conducted two market surveys and 16 focus group interviews. The team prepared detailed summaries of their findings and drafted a preliminary multi-audience communications strategy for improving general nutritional status, and increasing consumption of Vitamin A rich foods.

### Highlights from the In-Depth Research

One of the most striking findings is that villagers (both men and women) who have been visited regularly by CARE health "monitrices" over the past 12 to 24 months express a belief in "preventing illness," say there is a "relationship between good food and good health," that "pregnant women need special treatment, including more food," and that if "men cannot provide these things then women must get them for themselves." These feelings of control, are dramatically absent in non-sensitized villages.

Even in villages with positive attitudes, often only men consume what is designated as "good food" due to the perceived cost of these foods in money or preparation time, and the constellation of social factors that give them this priority of access. There are nutritious, even tasty foods available that are not particularly esteemed (including milk, fruits and vegetables). These do not fall into the category of "good food" (mostly meat and fish) that should be "reserved for men and elders," and therefore could be exploited as foods particularly suited to children or pregnant women.

In all villages, night blindness is well known, and everyone can identify pregnant women and children currently so afflicted. Most people are unaware of the cause (insufficient consumption of "Vitamin A" foods), however, there are a number of traditional cures. In addition, at least one person in every village said that for night blindness, one purchases a capsule of Vitamin A in the market place. The survey revealed that uncontrolled capsules are available (but not openly) for 100 CFA. This is an issue being addressed by CARE. Inadvertent promotion of these stray capsules will also be carefully monitored.

VITAMIN A FIELD RESEARCH

MACINA, MALI



### Recommendations for Behavioral Change

The Focus Group Research suggests that the population would be receptive to a number of behavioral changes, and the market survey shows that Vitamin A-rich foods are available throughout most of the year. While there are "dry spells," increased consumption during particularly abundant periods could provide protection due to the body's ability to store Vitamin A. Therefore, specific behaviors targeted for change include the following:

- Increasing consumption of target foods, specifically: preparing pureed vegetables for children; purchasing liver for pregnant women and young children on market days; drinking milk when pregnant;
- Motivating older women (who do the gardening) to increase proportion of Vitamin A rich vegetables;
- Drying fruits and vegetables in the shade (to conserve Vitamin A which is destroyed by ultraviolet light);
- In general, practicing a preventive approach to malnutrition and night blindness.

### Expansion of Vitamin A Activities

The formative research phase of the CVA project was initially limited to the region of Ségou (Macina Circle), given that among the regions included in the National Program to Combat Vitamin A Deficiency, it had the strongest infrastructure for nutrition education thanks to the efforts of CARE, AFRICARE and the WHO/UNICEF Joint Nutrition Support Project (JNSP). Activities were initiated with CARE, while AFRICARE and JNSP evaluated the extent to which they could participate in the project. During Fishman's March visit to Mali, both AFRICARE and JNSP expressed a strong interest in collaborating in future CVA activities, particularly training and evaluation.

In addition, the Nutrition Section of the MSPAS and USAID/Mali have agreed that it would be useful to also test the efficacy of nutrition education materials in a different environmental zone where vegetable production is more widespread, though current consumption practices still result in Vitamin A deficiency among vulnerable segments of the population. With this rationale, the World Vision (VMI) Koutiala Project site and staff, who had expressed interest in CVA, were invited to collaborate in the remaining project phases. World Vision will host a strategy pretesting workshop in June for the MSPAS and all participating PVCs.

To achieve the goals for behavior change identified during the research stage, NCP will proceed with the next step of developing

a multi-audience communications program to help promote these changes. Funding was also received this quarter from USAID/Mali to measure program impact on the various target behaviors. NCP is scheduled to develop and pretest materials in Macina (CARE), Dioro (AFRICARE) and Koutiala (VMI) in June, 1990 and conduct a baseline survey for evaluation purposes in October.

### Other Related Activities

NCP organized a meeting on January 18 for USAID/Mali's Health Officer, Neil Woodruff, to discuss plans for communications support through HEALTHCOM and NCP to the USAID-supported Integrated Family Health Services Project (IFAHS). This strategy meeting, held in Washington, was attended by Robert Clay and Gabrielle O'Malley from the Office of Health, and Mark Lediard, Claudia Fishman, Margaret Parlato, Judy Graeff and Mark Rasmuson from AED.

Parlato and Fishman attended the January 29 meeting at the FVA Bureau on the recently completed evaluation of the CARE Macina Project. CARE representatives Lou Ringe and Catherine McKaig took advantage of their visit to Washington to meet with NCP staff about ongoing communication activities in Mali.

### Niger

The first major activity of the Vitamin A Mini-Project began in January with the hiring of consultant Nancy Keith, who recently completed two years of field research examining infant feeding and child care practices in Niger, to write a detailed summary of what is known about Vitamin A consumption patterns. A two-day working session was held at AED mid-January (attended by NCP staff as well as Lauren Blum of HKI/VITAP and Kathy Dettwyler, NCP's consulting nutritional anthropologist for Mali) to review findings and identify issues to be addressed in the market research and develop a research design for developing culturally appropriate messages.

Claudia Fishman visited Niger March 10 - 16, 1990. Her visit was timed to overlap with that of HKI/VITAP program manager, Lauren Blum, in order to launch the NCP/HKI Vitamin A Mini-Project. During the technical assistance visit, Fishman and Blum worked with USAID/Niger; Tétévi Logovi and Idé Djermakoye of HKI/Niger; MOH staff members, Amadou Boukary (Nutrition) and Zeinabou Mohamed (Planning); and collaborating PVO directors, Baptiste Kedner (AFRICARE/Niger) and Susan Farnsworth (CARE/Niger) to finalize development of a Detailed Implementation Plan for a Vitamin A "mini-project." This plan drew on the draft prepared by HKI and Margaret Parlato in September 1989 and the plans for Vitamin A

developed by the Niger participants to the Communication Strategy Workshop organized by NCP in Abidjan last October.

The mini-project calls for a series of qualitative research and feasibility tests for various behavioral adjustments and simple technologies to improve Vitamin A consumption in rural Niger. This extended formative research phase (Phase I) will be followed by Phase II including materials development and pretesting; staff training; and field monitoring. Two sites were chosen for the project: (1) The (Hausa speaking) arrondissements of Birni N'Konni and Madaoua in the Department of Tahoua, approximately 425 km from Niamey, where HKI will be extending its detection and treatment of xerophthalmia project in the coming year, and (2) the (Zarma speaking) arrondissement of Loga, a site included in the 1988-1989 ethnographic study of infant feeding behavior mounted by the MOH with assistance from NCP. Loga is located approximately 60 km from Niamey, and will therefore constitute less of an obstacle for MOH participation in pretesting, training and other project activities. As of March 30th, the Project Implementation Plan was under review by the Ministry of Health. Immediately upon their approval, research activities will begin in Niger--presumably in May.

Fishman interviewed Dr. Ellen Taylor-Powell, a rural sociologist based in Niger, potentially to help direct the field feasibility trials for agricultural and food-processing technologies. In addition, she met with Robert Friedman, the new Peace Corps Director. All were pleased to hear of NCP's renewed activities in Niger.

### Sudan

During the first few weeks of this reporting period, Senior Program Officer Deborah Helitzer-Allen completed the final technical report for activities undertaken under the Sudan Infant Feeding Project. USAID terminated assistance to Sudan as of December 31, 1989.

On January 25, Helitzer-Allen presented the results of the research conducted under the project, final conclusions and recommendations to staff of A.I.D.'s Office of Nutrition and Africa Bureau.

Despite the early conclusion of the project, several important outcomes were attained. They include:

- The training of twenty people from the MOH, MOE and PVOs in ethnographic research skills prompted by the initial activities.
- Further interest in collaboration between MOH and the MOE's School Garden Nutrition Education Department (SGNED);

- The NCP communications methodology was introduced and apparently made an impact on the approach to health education in Sudan;
- The enormous synthesis of existing and new data enabled nutrition educators to focus on the problem as it exists in Sudan, rather than on their own perceptions and guesses.

The final financial report will be completed by March - April when all costs have been billed. Plans are now underway with the Office of Nutrition and the Africa Bureau to reprogram the estimated \$50,000 remaining in the Sudan Project account.

### Swaziland

During this period, the USAID/Mbabane Mission continued its discussions with the Swaziland National Nutrition Council regarding the scope and content of the technical assistance they would be requesting from NCP. At the time of writing, no conclusions had been reached on this issue. NCP awaits instructions from the Mission before actual work can begin.

## B. LATIN AMERICA AND THE CARIBBEAN

### Bolivia

In November, USAID/La Paz requested assistance from NCP to coordinate an assessment aimed at preparing a breastfeeding and infant feeding promotion strategy for rural areas as part of a larger USAID-funded child survival project. After discussions with the Office of Nutrition, it was decided to field a two-person NCP team to work with Bolivian counterparts from the National Breastfeeding Coalition. Because the project is just getting underway, NCP was asked to postpone the visit until the new long-term technical assistance team (directed by John Short and Associates) is in place and fully oriented. In early June, the group plans to visit three sites to develop breastfeeding and infant feeding interventions as part of the USAID-supported child survival project.

At present, NCP is exploring the possibility of including Consultant Laura Altobelli as part of the NCP team. Dr. Altobelli was instrumental in the research and materials development phases of the Peru Breastfeeding Project, and would bring to the Bolivia project considerable regional experience in breastfeeding promotion.

## Dominican Republic

NCP continued working with Save the Children Federation (SCF) to develop the communication component of their child survival project. In this quarter, the Save the Children team moved ahead with their communications and training strategy, and formally initiated their formative research in support of breastfeeding, infant feeding and diarrhea communications.

SCF is coordinating a \$4.65 million child survival grant awarded by USAID to the Government of the Dominican Republic in September 1987. The grant is designed to assist both the public and private sectors by providing technical assistance and sub-grants to the Ministry of Health as well as international PVOs working in child survival.

AED has provided technical assistance in the development of the communications component of the project on two previous visits, through the support of the Nutrition Communication Project. In November, with funding from SCF and AED, Julia Rosenbaum made a technical assistance visit to the Dominican Republic to provide help in developing communications research plans. Guidelines were prepared to solicit proposals from local organizations for a Knowledge, Attitudes, and Practices (KAP) survey and for expanded focus group research in the rural areas. Seven research proposals were submitted to Save the Children in early January.

In late January, Rosenbaum returned to the Dominican Republic to assist in the review of these proposals and in the selection of research organizations. (SCF covered Rosenbaum's expenses while NCP coordinated the visit.) The SCF technical team met to finalize the evaluation process, review each proposal and identify their strengths and shortcomings. Each group was then personally interviewed by the consultant and Social Communications Coordinator, and the proposals were evaluated using a ten point weighted scale for each of the various decision criteria. Two groups were identified to manage the qualitative and quantitative research. AED worked with SCF to finalize the research plan for rural focus groups, so the research organization could begin with focus group discussions as soon as possible.

In addition, the communications strategy prepared by the SCF Communication Coordinator was reviewed. The plan follows state-of-the-art communications methodologies and addresses the overall needs of the SCF Child Survival program. In implementing the strategy, several areas will need special attention and technical support:

- the technical design of the KAP study, particularly the statistical sampling;

- the data analysis leading to the identification of specific messages/materials for each target audience;
- the production of materials and messages, and the development of the media placement strategy through an outside agency;

AED recommended that Save the Children consider a short-term resident advisor to meet the various technical assistance needs and to provide intensive training in communications to SCF and participating PVOs during the difficult start-up period of the project. Subsequently, AED helped to identify a consultant to provide assistance to the SCF project.

### Guatemala

In Guatemala, the Nutrition Communication Project is providing technical assistance to the Nutrition Institute of Central America and Panama (INCAP), with funding from the regional A.I.D. office, ROCAP. The assistance is to be multi-faceted, designed to expand the institution's capabilities in the use of nutrition communication technologies and assist INCAP in the development of communication training capability for the Central American region.

At the invitation of ROCAP, Program Officer Julia Rosenbaum visited Guatemala February 9-18, 1990. The purpose of the visit was to meet with the staff of INCAP to continue discussions on future collaboration of NCP with the ROCAP/INCAP regional child survival project.

A number of specific areas for NCP follow-up and assistance were identified including the following:

- Assistance in the promotional aspects of INCAP's regional work in the nutritional management of diarrhea: development of weaning food recipes and subsequent promotion of foods;
- Consultation on applying ethnographic research results on breastfeeding, water and sanitation, and dietary management of diarrhea (DMD) to specific communication interventions;
- Strategic development of institutional communication capabilities, to better position INCAP as regional resource for training and technical assistance in the communication field;
- Development of a training course (and preceding assessment of demand for such a course) and communication components for existing distance teaching courses.

This last technical assistance visit represents continued assistance to INCAP dietary management of diarrhea efforts. In the Spring of 1989, NCP Consultant Hillary Creed (JHU) worked with INCAP anthropologists in the recipe development phase of INCAP's Guatemala DMD project to review nutritional data collected through "recipe focus groups" and develop appropriate local weaning foods. In November, NCP provided the assistance of consultant Dirk Schroeder (JHU) to give technical input into the development of a diarrhea management study to be carried out in several countries in the INCAP region.

Schroeder returned again in February 1990 to continue assisting the INCAP team with the DMD project. The team refined their plan to conduct a regional workshop on the clinical and promotional aspects of dietary management of diarrhea, and in March, inter-disciplinary teams from five member countries participated in the two-week workshop. Elena Hurtado and Consultant Hillary Creed (this time under PRITECH auspices) trained the group in ethnographic research techniques for community assessment and weaning recipe development methodologies, which will be the first steps in applying the research protocol. A mini-KAP survey will also be conducted in each country setting as another part of the formative research component of the project. The recipe development phase of this "multi-center study" will closely replicate the design used in the Spring 1989 ethnographic study. From this formative research data, nutritional weaning foods will be developed using locally available and acceptable foods. After the formative research stage of the study, NCP will step back until the researchers finish epidemiological analyses of weaning foods. When ready to proceed with weaning food promotion, NCP hopes to continue assistance to the regional project through the ROCAP buy-in.

NCP will also be providing technical assistance to INCAP's water and sanitation research project. The project is documenting the effect of a new water system on diarrheal episodes in Santa Maria de Jesus, a small town just outside Antigua, Guatemala. In June, NCP will field senior communication expert Elizabeth Booth to join the INCAP epidemiologists, anthropologists and educators to assist in the planning of formative research and message development to support the child survival intervention. This will be the first of three visits by Booth to support the diarrheal control intervention. Through this hands-on training, Booth will train the INCAP team in formative research in support of communications activities.

NCP is planning a special technical seminar in April for INCAP anthropologist Elena Hurtado, to present her work to the AED staff while she is in Washington.

## Honduras

Last October, NCP received approval to move ahead with technical support to nutrition activities being carried out under the USAID Health Sector II project. NCP's role is to work with the MOH to improve infant feeding and breastfeeding and support fledgling growth monitoring efforts. Special focus will be given to integrating nutrition into the broader child survival communication strategy.

After obtaining the buy-in, NCP began contractual and logistical arrangements for fielding Dr. Peter Boddy as resident advisor to the project. In late December, Dr. Boddy and his family travelled to Honduras to begin working with the MOH on initiating the nutrition component of the child survival program. As communications advisor, Dr. Boddy will work with the Health Education Division and will coordinate activities with the Directorate of Food and Nutrition and the Divisions of Maternal and Child Health and Human Resources.

This quarter, NCP Advisor Boddy began forging a communications strategy with his Ministry counterparts. Initial efforts will concentrate on infant feeding, stressing exclusive breastfeeding for the first 4-6 months and appropriate weaning after these early months. The team began by reviewing existing epidemiological, nutritional and ethnographic data, and started planning qualitative research on infant feeding practices with MOH counterparts. After identifying specific research needs, NCP will support Ministry research efforts in the coming months.

Boddy has also participated in introductory meetings with Ministry officials, USAID representatives, Honduran agencies, UNICEF, Pan American Health Organization, INCAP, Management Sciences for Health, and other organizations involved in health delivery in Honduras.

Boddy, together with HealthCom Resident Advisor Dr. Patricio Barriga, developed a weekly health communications workshop for fifteen to twenty Ministry counterparts and other Honduran colleagues. The counterparts have varied backgrounds in health communications; to those who are new to the methodology, the course introduces the principles to be used in NCP communications efforts, while for others, the course serves as a welcome refresher course. The lively sessions review the principles of social marketing through the use of lecture, discussion, and participatory exercises.

In March, NCP was asked by the Ministry to assist in the organization of a regional health workshop for health personnel on the "Development of Appropriate, Low-Cost Nutrition Education

Materials." In addition to helping with the conference planning, Resident Advisor Boddy introduced the 15 regional nutrition and nursing aides to a social marketing approach to nutrition education. This workshop was the first of several planned by the Ministry Directorate of Nutrition Education to support decentralized health education efforts.

As part of other regional travel, NCP Program Officer Julia Rosenbaum and Social Development Vice President Dr. William Smith visited the Honduras program late February to meet with USAID officers and new Ministry officials to plan the communications strategy over the coming years. The recent change in government party has affected key Ministry positions, including the change in the project counterpart from the Health Education Division. It does not appear that the change will bring about major modifications in project scope or focus. Rosenbaum and Boddy took the opportunity to discuss project priorities and begin to develop an integrated workplan for NCP and HealthCom. Smith also presented a session on "Creative Strategies" at the weekly communications workshop.

Next quarter, the Academy hopes to bring the new Health Education Division counterpart, Dr. Luis Alonzo Lopez, to the Washington offices to further orient him to the health communications methodology being used by AED throughout Latin America and the world. The trip will be funded through AED's HealthCom project. During the visit, Dr. Lopez will also meet with the Office of Nutrition and NCP project staff.

### Peru

Breastfeeding promotion materials developed through the Population Council/NCP sponsored Peru Breastfeeding Project have been thoroughly distributed throughout regional USAID field offices. This quarter, NCP Director Margaret Parlato prepared a brief memo for the LAC Bureau's Julie Klement on the distribution and use of the healthworker Guide on Breastfeeding Promotion counseling cards and calendars. Additional copies of the healthworkers guide are being made available through the APHA Clearinghouse.

### LAC Regional

Rosenbaum met with Thomas Park, LAC Bureau Chief for the Health, Population, Nutrition Division and with HPN Officers Jack Thomas and Julie Klement to discuss progress of projects in Honduras, Guatemala and the Dominican Republic.

### **III. TRAINING AND EDUCATIONAL MATERIALS**

#### **FVA-sponsored Training for CARE**

On January 2, Valerie Uccellani met with Dr. Rudi Horner, Director of Primary Health Care for CARE in New York to renew discussions on the FVA Bureau buy-in received in June 1988. This buy-in totalling \$25,000 is to be used for training for both CARE and CRS. A number of training possibilities were identified for Latin America and Dr. Horner will follow-up by meeting with CARE's regional technical advisor for Latin American and CARE's Food Unit to prioritize the needs for training in nutrition communication within the region. A meeting with CRS has been scheduled for April to resume discussions launched with them before their move to Baltimore.

#### **Breastfeeding Promotion Guidelines**

With financial support from the Bureau for Latin America and the Caribbean, NCP produced 400 Spanish copies and 200 English copies of *Breastfeeding in Latin America and the Caribbean: A Sampling of Promotional Materials*. This collection of materials is a regional supplement to *Media Promotion of Breastfeeding: A Decade's Experience*, a worldwide review of breastfeeding promotion efforts. The guide is designed to demonstrate to health educators and project administrators the potential impact of communications. It contains 46 illustrations and brief descriptions of selected print and visual materials that have been used to promote breastfeeding in 18 different countries in the region. These materials cover a wide range of messages, designs and target audiences, and will be valuable sources of ideas for USAID Missions, Ministries and PVOs in Latin America. The compendium also provides basic information about breastfeeding, as well as breastfeeding promotion campaign.

Nearly 300 copies of the guide have been distributed to USAID missions in the LAC region. Additional copies have been mailed to individuals and organizations who are central to breastfeeding promotion efforts in the region. A limited number of remaining copies, available through the APHA Clearinghouse on Infant Feeding and Maternal Nutrition have already prompted a substantial number of requests.

#### **Ethnographic Training in Mali**

Between March 6 - 20, Drs. Katherine Dettwyler and Claudia Fishman conducted a field training activity in Ethnographic Techniques for Researching Child Nutrition, with a Focus on Vitamin A. This consisted of a two day orientation on research methods including nutrition market survey, focus group and in-depth interviews. The

training, followed by field research, took place in 15 villages in the Macina circle of Mali. Trainees included F. Macalou (USAID/Mali), M. Haidara (Nutrition Section, MSPAS), D. Kanté (DNEF), O. Cissé (DRSP, Ségou), M. Famanta Traoré and D. Diallo (CARE, Macina), joined by Dr. Soumounou, J. Koné and A. Dolo from the health centers in Macina, Sarro and Saye. The team also gained experience in preliminary data analysis.

### **Communication Manual for Vitamin A Program Managers**

In February, NCP consultant Ron Parlato wrote a first draft of a manual for Vitamin A Program Managers on designing and implementing a communication program. The draft was distributed to NCP staff and selected non-NCP/AED staff for their comments. The second draft of this document will be completed during the next reporting period and then reviewed more broadly.

### **Breastfeeding Trends and Priorities for Action**

LTS consultant Fred Zerfas prepared a series of graphs based on the Demographic and Health Surveys (DHS) showing breastfeeding trends around the world. These graphics, oriented to decision-makers in developing countries, were accompanied by recommendations as to problems of special concern for communication programs.

### **Case Studies from Central American Breastfeeding Promotion Projects**

In January, JHU subcontractor Sandra Huffman completed a first-draft of case studies on successful breastfeeding promotion efforts in El Salvador, Honduras and Panama. She also prepared an evaluation of the Panama Breastfeeding Promotion Project, analyzing data from the evaluation of regional sub-projects and bringing together the various evaluation components conducted during the course of this multi-regional project.

The drafts were reviewed widely by the LAC Bureau, key individuals from the projects as well as other experts working in the field. On March 20, Parlato and Rosenbaum met with Huffman and Panagides at the Center to Prevent Childhood Malnutrition to review the comments and plan the revisions. A decision was also made to include results of the final evaluation of the PROALMA project released in early 1990. Final drafts of the two-lessons learned reports are anticipated by the end of May. Uccellani has been working with the LAC Bureau to develop a mailing list for the report.

**Training Video on Counseling in GMP:  
Needs Assessment to Bolivia and the Dominican Republic**

Under the coordination of Valerie Uccellani, NCP conducted two Latin America field visits to build on preliminary research done last quarter to plan a training video to strengthen the counseling component of Growth Monitoring and Promotion (GMP) efforts in Latin America and the Caribbean (LAC). The initial concept for a Spanish-language training video grew out of meetings and gatherings held last quarter between NCP and an informal network of PVOs. As identified by the PVOs, the primary objectives of the video are to introduce a counseling component into GMP training programs which currently focus on weighing and charting skills at the neglect of interpersonal communication skills and to provide field staff with practical models of how basic counseling skills can be applied to different GMP situations. Communication skills are widely regarded as the critical ingredient for GMP; without them there is no broadened understanding for caregivers or health promoters (HPs) with regard to feeding and child care practices.

In this quarter, Uccellani visited the Dominican Republic (DR) (January 20 - 30), and Bolivia (March 1 - 10)--the two countries proposed by PVOs as filming sites for the video. The purpose of the visits was to assess the training priorities of PVOs and Ministries, research the feasibility of video as a training tool for GMP programs, define the video's target audience, identify appropriate communities for filming, and construct a conceptual outline for the content of the video.

In the DR, Uccellani held meetings with USAID/DR, Unicef, Save the Children Federation and the MOH and conducted field visits with the MOH, CARE, Caritas, Fudeco and Foster Parents' Plan (FPP) to the San Juan and Santo Domingo provinces. In Bolivia, Uccellani worked closely with Magali de Yale, Nutrition Officer of Unicef, and Susanna Martinez, Communications Officer of PROCOSI, the USAID-supported coordinating body for PVOs. She met with representatives of Unicef, the MOH of Sucre, the University of Sucre, Care, FPP, and Save the Children to discuss local GMP training needs and priorities, and observe GMP activities in the Sucre and La Paz provinces. Her research in the two countries led to the following conclusions upon which production and conceptual decisions for the video are being made:

- Both the PVO community and Ministries of Health are eager to acquire training materials to enable adding a counseling component into existing training on GMP. Program coordinators and Unicef representatives indicated that, given the dearth of existing Spanish-language training materials, and the popularity of videos as a training medium, the video should be

**BOLIVIA**  
**NEEDS ASSESSMENT: GROWTH MONITORING VIDEO**



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created as a regional one and distributed to GMP programs throughout the LAC region.

- A video is a more inspiring and adaptable medium than print or slides; it would help to capture attention and show field staff real-life situations for discussion. While UNICEF and PVO programs indicated that VCRs are generally available for training of supervisors/trainers, there is less assurance that community health promoter trainings will be equipped with VCRs. The primary target audience for the video will be supervisors/trainers in GMP programs. Research suggested that this audience will be able to adapt the multi-cultural situations presented in the video. Many programs, however, will use the video in training of promoters directly. Therefore, the script should be creative enough to provide both these audiences an understanding of the importance of counseling in GMP and a series of models from which they can develop their own skills in one-on-one communication.
- Home visits and community group sessions for weighing children are favored as settings for GMP encounters as these allow the promoter and caregiver to enter into a dialogue. Presently, however, dialogue in these settings is limited largely by a lack of understanding on the part of field staff that the weighing and charting activities of a GMP session are meant as the basis upon which to dialogue and make decisions with the mother.
- Field staff would benefit a great deal from observing the interactions of promoters with experience and skill interacting with caretakers. Therefore, the video will present a series of scripted encounters between dynamic health promoters and caretakers in their community. The content of the video should concentrate on key counseling skills such as eye contact, effective questioning, active listening, and guided decision-making.
- Most health promoters and supervisors feel that there are adequate resources available to caretakers to allow for behavior change to lead to improved child health and growth. While the specific recommendations given by promoters vary, there are common barriers to growth encountered in various regions of the DR and Bolivia that are typical of many other LAC countries. Messages conveyed by promoters will be based on international principles of good child care such as continued feeding during diarrhea, introduction of a variety of available foods beginning at approximately six months of age, and frequent feedings of small quantities of high-calorie foods to weaning-age children.

**DOMINICAN REPUBLIC**

**NEEDS ASSESSMENT: GROWTH MONITORING VIDEO**



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- The cultural and linguistic variation in the two countries require that care be taken in selection of sites, development of the shooting script, and editing. Edited, filmed footage will be pretested in a well thought-out process, in two to three LAC countries, to assure acceptability by the target audiences in different LAC communities.
- A facilitators' guide will be developed to support the video and assure that the counseling skills illustrated in it are explored fully, practiced, and adapted by the viewing audience.

Major accomplishments and next steps include the following:

- Unicef/DR and Unicef/Bolivia each indicated that they will be able to support the video with U.S. \$5,000 to \$10,000. Staff in each office will provide technical input into the video. This promises to be highly valuable as Unicef has been responsible for the production of successful health videos in countries throughout the LAC region. Uccellani will finalize coproduction agreements with UNICEF/New York and each of the UNICEF country offices.
- CARE and PROCOSI each expressed interest in pretesting the video and/or conducting workshops to train video facilitators so that the effect of the video will be maximized and that the feedback from target audiences will be periodically collected. Uccellani will seek out additional funding to support the development of a facilitator's guide, and will develop plans for pretesting and evaluating the video/guide package.
- AED will solicit bids from qualified production companies, develop a detailed production/pretesting plan, create and solicit technical feedback on a draft shooting script, and arrange for filming in selected sites once these steps are complete.

On February 5, AED invited representatives from A.I.D., (S&T/N, LAC Bureau and the FVA Bureau, the World Bank, PRICOR, APHA, La Leche League and LTS for a review meeting at AED. The participants indicated their support for the development of a training video to strengthen the counseling skills of field staff in GMP. They recommended that the video be accompanied by a practical facilitator's guide, that workshops be planned, if possible to train video facilitators, that the video/guide package be pretested in the two filming countries and one other LAC country, and that the video should take care to focus on basic, key counseling skills and avoid country-specific feeding messages.

On March 30, Uccellani met with Jack Thomas, HPN Officer, Latin America Bureau of AID, to review the history of NCP's production of a training video on counseling in GMP, and to receive his technical input on the communications strategy used in the development of the video's content and production process.

#### Counseling Guidelines for GMP

A good deal of effort was expended by LTS during this period in identifying a consultant with the needed experience to write the manual. Jane Vella, expert in adult education, and training, and writer of several manuals on participatory learning, was selected for the task. The technical team (Parlato and Uccellani from AED and LTS consultants Fred Zerfas and Jane Vella) worked to define the thrust, audience, and content of the trainers manual: *Learning to Listen to Mothers: Counseling in the Context of GMP*. The technical GMP manual, developed previously by LTS, will be used as a starting point for the trainer's guide. A full-day meeting will be held in early April to plan the manual.

#### International Nutrition Planners Forum

Work during this period concentrated on completing the translation of the conference report into French and Spanish. Following A.I.D. approval, LTS printed 3,000 copies of the English version of the report. Multiple copies of the English version of the report have been provided to S&T/N. A mailing list was provided to Dr. Luykx for his review in March. Distribution of the report will begin when the list is approved.

Camera-ready copy of the Spanish and French versions were delivered to the printer and copies of these versions are expected to be available in early May. Distribution plans are being worked out with the Office of Nutrition.

#### IV. WORKING LIBRARY

During this quarter there was a heavy demand for slides, graphic materials and program documents on breastfeeding for use in preparing the Report to Congress on Breastfeeding and other strategies and reports. There were also numerous requests for Vitamin A related educational materials.

This quarter also saw the adoption of a new system to help NCP keep better track of the number and kinds of information requests that are being filled. Requests coming in by phone and requests being responded to directly by technical staff rather than the library had previously not been captured. As a result there was a steep

rise in registered usage of the collection this reporting period.

NCP responded to a variety of requests this quarter from over twenty-five institutions and individuals. Organizations requesting materials included the International Eye Foundation, Mothercare, Wellstart, RENA, INCAP, World Vision Relief and Development, and the International Center for Research on Women. Several packets of reference materials on nutrition communication and formative research were prepared for INCAP and the Health Education Department in Honduras.

Many of the requests filled by Library Coordinator Lisa Weiss were country-specific and included Peru, Malawi, Dominican Republic, Sudan, Guatemala, Niger, Mali, Ecuador, Honduras, Brazil and Morocco.

Nine persons stopped by the library to borrow materials and review documents, including representatives of ISTI, PRAGMA, Helen Keller International, and the Annenberg School of Communication. Breastfeeding slides, photos and videos were reviewed/borrowed on several occasions.

#### **V. MEETINGS AND DISSEMINATION ACTIVITIES**

##### **Breastfeeding Advisory Meeting**

The Breastfeeding technical advisory meeting, planned for February 26 was postponed. Impetus for postponing and restructuring the meeting came because NCP received a buy-in to examine breastfeeding/infant feeding issues in Africa, and felt it would be opportune to use the experts' meeting to look specifically at some of the technical issues that will have to be addressed to protect and strengthen breastfeeding in Africa--such as the question of whether water should be given along with breastmilk to compensate for the heat. Deborah Helitzer-Allen is presently defining a new agenda for the meeting and identifying experts to address the issues identified. Plans are to schedule the meeting before the end of September. Specific dates will be set in April.

##### **Communication for Vitamin A: Focus on Social Marketing**

Highlights from the NCP presentation on Social Marketing applied to Vitamin A (part of the HKI conference for West Africa held in Dakar, Senegal) were submitted for publication in January to the *Revue Panafricaine de l'Ophthalmologie*. Dr. Michel Etchpare of ORANA edited and translated the original text prepared by Claudia Fishman, Lonna Shafritz and Valerie Uccellani.

## Other Events

The following summarizes principal meetings held with A.I.D. and other collaborating institutions as well as dissemination activities.

- NCP produced a series of posters for International Nutrition Month on the theme of Agricultural-Nutrition Linkages and Vitamin A.
- Sandra Huffman, JHU, gave a technical update on breastfeeding on January 9 to staff from NCP and HEALTHCOM as part of a two day training organized by HEALTHCOM to increase understanding about child survival interventions.
- Margaret Parlato finalized an article on the *Use of Mass Media to Promote Breastfeeding* for the International Journal of Gynecology and Obstetrics.
- A coordinating meeting with the Peace Corps' Nutrition Advisor, Phyllis Gestrin, was held February 26, to review possible linking of nutrition volunteers into NCP activities. During this meeting Claudia Fishman briefed Gestrin on activities in Niger prior to Gestrin's first visit to that country.
- In February (12-13) Margaret Parlato and Deborah Helitzer-Allen attended the Workshop on Nutrition and Agricultural Linkages sponsored by A.I.D.'s Office of Nutrition; Parlato also attended the National Center for Research on Women's conference to review the results of studies conducted during the past two years (February 28-March 1).
- Claudia Fishman met with Hope Sukin of the FVA Bureau on February 15 to brief her on current NCP activities.
- Parlato attended the PRITECH Technical Advisory Meeting held on February 16.
- Parlato participated in a special session on health communication held for the First Lady of El Salvador and officials from the Ministry of Health.
- On February 2, Parlato met with Veronique Tellier, from the University of Anvers, Belgium to provide a briefing on nutrition communication prospects in Haiti as background for the work she will carry out for the Inter-American Development Bank.
- Claudia Fishman and Margaret Parlato met with program managers of Helen Keller International (the Vitamin A Project and

VITAP) to coordinate activities in Mali and Niger. VITAP will collaborate with NCP in these two countries, sponsoring training events and production of audiovisual aids in Mali, and providing the infrastructure, resident staff and logistical support, as well as audiovisual aids for Niger.

- On March 20, Deborah Helitzer-Allen met with representatives from PRITECH to discuss potential collaborative efforts in dietary management of diarrhea in Kenya. After this meeting, a proposal was prepared and sent to Kenya for a collaborative project.
- On March 22, Deborah Helitzer-Allen attended a meeting at PATH together with representatives from Helen Keller International, Manoff, ISTI, and A.I.D.'s Office of Nutrition to discuss social marketing projects related to Vitamin A.
- Parlato participated in a planning meeting (March 30) at EDC for the next phase of the pilot Interactive Radio Project in Bolivia designed to teach nutrition and health.
- Uccellani and Parlato attended the FVA-sponsored meeting on March 27 to review the Nutritional Impact of PL-480 MCH Programs.
- On January 11 and 12, Rosenbaum, Uccellani and Usiak attended a two-day course in Marketing Research given by AED.
- Uccellani met with Dr. Peter Greaves, Nutrition Advisor, UNICEF, NYC on March 23 to set out arrangements for UNICEF co-funding of video on counseling in Growth Monitoring and to exchange ideas on technical content of the video's draft shooting script and production schedule.

## VI. ADMINISTRATIVE

Several large mass mailings were completed during the quarter. Approximately 1000 copies of *Media Promotion of Breastfeeding* were distributed, with 150 copies purchased by UNICEF for their field offices. The two workshop reports on growth monitoring were distributed: *Promising PVO Strategies for Growth Monitoring* and the proceedings of an experts meeting on GMP, *GMP: Issues and Actions*. Work was also begun on development of the mailing list for the report from the International Nutrition Planners Forum held in Seoul last July on *Crucial Elements of Successful Community Nutrition Programs*. The APHA Clearinghouse on Maternal and Child Feeding is playing an important role in responding to ongoing requests for copies of these manuals and guidelines.

Following is a summary of principal administrative actions taken during the last project quarter:

- In an effort to closely coordinate NCP activities with other activities being undertaken by S&T/N, Dr. Norge W. Jerome instituted weekly meetings with NCP Project Director, Margaret Parlato.
- Project Manager Andrea Usiak and AED Contracts Administrator Beverley Graham met with LTS Sr. Vice President Jim Booth and LTS Contracts Manager Marjorie Kitzes on January 16 to discuss accounting, billing, and administrative procedures.
- Usiak was assisted by AED's Personnel Office in a recruitment effort to replace the Financial Officer and Project Secretary (see Section VI. Staff). The recruitment for the Financial Manager was particularly extensive due to the specialized skills required.
- In March AED officers held a quarterly review of the NCP project.

During this quarter buy-ins were received from USAID/Honduras for long-term and short-term technical assistance to the Ministry of Health (\$235,000-Year I) and from the A.I.D. Africa Bureau for assistance to the Africa Child Survival Initiative (\$500,000). In addition, a modification to the buy-in from USAID/Burkina Faso was received extending the period of performance from March 16, 1989 to March 16, 1991, amending the Scope Of Work, and stipulating three funding sources (USAID/BF \$124,189; S&T/N \$21,675; and Africa Bureau \$29,736).

In the absence of the Financial Manager, Usiak and Graham prepared the following budgets:

- Final budget for the Honduras buy-in.
- Operational budget for the Niger Vitamin A activity.
- Operational budgets for the Growth Monitoring Video and manual.
- Budget revision for the LAC manual " A Sampling of Promotional Materials".

#### **VII. STAFF**

Jeffrey Dietrich was recruited to join the Nutrition Communication Project as the Financial Manager. Mr. Dietrich previously was a fiscal administrator for the American Red Cross in New York City and an administrator of the Special Development Fund at USAID/Costa Rica. He will start work on April 2, 1990.

Diane Foster was hired as Project Secretary to replace Nikka Ockfen who transferred to another section of AED. Ms. Foster joined the staff on March 19, 1990. She has worked as a staff assistant on the Central American Scholarship Program at Georgetown University and as a secretary at a law school.

#### **VIII. PROBLEMS, DELAYS AND ACTIONS TAKEN TO ADDRESS THEM**

1. The approval of a number of new buy-ins in September and the start-up of new country activities has placed considerable strain on the NCP support staff. Although the project was originally designed to have activities in 6 countries, run by resident advisors, the pattern--directed as it is by missions interest in providing funding--has turned out to be very different. NCP, with the batch of buy-ins finalized in September, is now supporting field activities in six countries (some with multiple projects), has started implementing a regional project in Africa which will have activities in up to 5 countries and continues to provide training and technical assistance in other countries.

Only one country has a resident advisor which means that all the technical assistance is being provided by short-term consultants and site visits from the staff. The one administrative assistant presently available to arrange travel, field consultants and oversee payments and trip reports in addition to carrying out other responsibilities is not adequate. Efficient management will require

adding a second person. The budgetary implications are being examined with S&T/N.

2. Timely communication with Missions to obtain travel concurrences remains a problem. The new system instituted by S&T/N at the beginning of the year requiring that travel dates be communicated to the Missions one month in advance has encountered problems, largely because of the frequent need to change dates in response to local events.

3. Charles Teller, director of the International Nutrition Unit at LTS, subcontractor on the NCP project, left the organization in February. With Dr. Teller's departure, following that of Dr. Jose Mora, LTS no longer has regular staff available to provide support to NCP on nutrition and growth monitoring. AED is reviewing the situation with LTS and S&T/N.

#### **IX. KEY ACTIVITIES NEXT QUARTER**

- Assessment visit to Bolivia to plan a breastfeeding promotion program.
- Completion of first drafts of a training manual on Counseling Techniques for Growth Monitoring and a Communications Guide for Vitamin A Program Managers.
- Field Research in Honduras to look at the reasons behind the well documented low rates of exclusive breastfeeding and other problems identified in recent surveys.
- A workshop in Mali to finalize analysis of the research results and develop a communication plan for Vitamin A, involving the MOH, CARE, World Vision and HKI.
- Finalization of script and filming of Spanish-language video on counseling skills in the context of GMP.
- Embark on production of multi-image audiovisual presentation to be shown on July 31 in Florence, Italy at WHO/UNICEF/AID meeting. The meeting of high-level policymakers from 28 countries will focus on six key issues on breastfeeding promotion policies and actions.
- Distribute 600 copies of *Breastfeeding in Latin America and the Caribbean: A Sampling of Promotional Materials*, designed to assist IAC health officers and their counterparts in the development of breastfeeding communication activities.

**Appendix A**  
**Budget Analysis**

NUTRITION COMMUNICATION PROJECT (NCP)  
 CONTRACT NO. DAN-5113-2-00-7031-00

FINANCIAL REPORT FOR PERIOD JANUARY - MARCH '90

APRIL 19, 1990

A	B	C	D	E	F	G
FUNDING SOURCE	PROJ #	OBLGD FUNDS	EXPENDITURES	SPENT/	EXPENDITURE	REMAIN FUNDS
		THRU 03/31/90	THRU 03/31/90	NOT INVOICED	THRU 03/31/ (D+E)	(C MINUS F)
I. S&T Funds (not incl. Vitamin A nor INPF Conference)		1,603,657				248,264
General Costs	21300000		1,278,792	13,146	1,291,938	
Haiti/Central	21300001		8,089	0	8,089	
Niger/Central	21300003		7,210	0	7,210	
Bolivia/Central	21300005		372	0	372	
Sudan/Central	21300007		65	0	65	
Jordan/Central	21300009		17,453	0	17,453	
FVA/CARE-CRS/Central	21300012		2,328	0	2,328	
Peru/Central	21300011		27,938	0	27,938	
Burkina/Central	21300014	21,675	5,103	0	5,103	16,572
Abidjan Wkshop/Central	21300020	23,536	9,038	0	9,038	14,498
Honduras/Central	21300027	51,132	942		942	50,190
Total S&T (Other than Vitamin A and INPF Conference)		1,700,000	1,357,330	13,146	1,370,476	329,524
II. S&T Vitamin A Activities	21300017	200,000	55,184	20,092	75,276	124,724
III. INPF Conference	21300018	200,000	171,968	13,600	185,568	14,432
IV. Mission Funds						
Haiti/Mission	21300002	39,996 *	29,824	0	29,824	10,172
Niger/Mission	21300004	61,733 +	56,750	0	56,750	4,983
Bolivia/Mission	21300006	15,685 **	0	0	0	15,685
Burkina/Mission	21300013	114,051 ***	44,392	0	44,392	69,659
Burkina/Mission (Local Costs)	21300016	10,138	4,742	0	4,742	5,396
Honduras/Mission	21300026	235,000	62,569	0	62,569	172,431
Mali/Mission ++	unassigned	50,000	0	0	0	50,000
Funds To Be Deobligated		(30,014)	0	0	0	(30,014)
Total Mission		496,589 +++	198,277	0	198,277	298,312

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A	B	C	D	E
FUNDING SOURCE	PROJ #	OBLGD FUNDS THRU 03/31/90	EXPENDITURES INVOICED THRU 03/31/90	SPENT/ NOT INVOICED
<b>V. Bureau Funds</b>				
LAC Bureau	21300015	10,945	3,534	0
LAC/Breastfeeding Evaluation	2130001501	20,825	725	15,000
LAC/Breastfeeding Manual	2130001502	8,230	3,204	0
Sudan/AFR Bureau	21300008	150,000	99,893	0
FVA/CARE-CRS/Food & Vol Assist Bureau	21300010	24,993	2,727	0
Abidjan Wkshop/REDSO/WCA	21300019	105,000	79,510	5,000
Guatemala/ROCAP	21300022	34,738	3,245	5,000
Burkina/Africa Bureau	21300023	29,736	11	0
Niger/Africa Bureau	21300024	35,000	1,356	0
Swaziland/Africa Bureau	21300025	80,000	1,540	0
Abidjan Workshop Follow-up/Africa	21300028	20,000	5,067	0
Mali/Africa Bureau ++	unassigned	40,000	0	0
Child Survival Init./Africa Bureau	unassigned	500,000	0	0
<b>Total Bureau</b>		<b>1,059,467</b>	<b>200,812</b>	<b>25,000</b>
<b>GRAND TOTAL</b>		<b>3,656,056</b>	<b>1,983,571</b>	<b>71,838</b>

\* \$9,349 of total \$39,996 obligation to be de-obligated  
\*\* Total \$15,685 to be de-obligated  
\*\*\* Total Burkina Mission buy-in is \$124,189; \$10,138 of this is local in-country costs.  
+ Approximately \$4,980 to be de-obligated.  
++ Project number to be assigned when activity budget finalized.  
+++ Total obligated mission funds (\$291,603) minus \$30,014, per above notes

**Appendix B**  
**Travel This Quarter**

**Appendix B**

**NCP TRAVEL**

January 1, 1990 - March 31, 1990

<b>Traveler</b>	<b>Destination</b>	<b>Dates</b>	<b>Comments</b>
V. Uccellani	New York, NY	Jan. 2	AED
K. Dettwyler	Washington, D.C.	Jan. 10 - Jan. 12	AED
N. Keith	Washington, D.C.	Jan. 11 - Jan. 12	AED
P. Gottert	Burkina Faso	Jan. 2 - Jan. 13	AED
V. Uccellani	Dominican Republic	Jan. 20 - Jan 30	AED
D. Schroeder	Guatemala	Jan. 28 - June 1	JHU
J. Rosenbaum*	Dominican Republic	Jan. 22 - Feb. 2	AED
C. Fishman	New York, NY	Feb. 5	P/N
J. Rosenbaum	Guatemala	Feb. 8 - Feb. 18	AED
J. Rosenbaum	Honduras	Feb. 18 - March 5	AED
C. Fishman	Mali	Feb. 27 - March 10	P/N
V. Uccellani	Bolivia	March 2 - March 10	AED
K. Dettwyler	Mali	March 3 - March 25	AED
C. Fishman	Niger	March 10 - March 16	P/N
C. Fishman	Mali	March 17 - March 26	P/N
V. Uccellani	New York, NY	March 23	AED
P. Gottert	Burkina Faso	March 26 - April 4	AED

\*Funded by Save the Children Federation

**Appendix C**  
**Training Events and Workshops**

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**Appendix C**  
**Training Events and Workshops**

Dates	Number of Participants	Country	Description of Activities
January 9	12	Washington	Technical update on breastfeeding for HEALTHCOM and NCP.
March 6-20	6	Mali	Two day orientation on formative research methodologies for MOH, CARE, World Vision, AFRICARE and the National Directorate of Educational Training. Focus groups, market surveys and in-depth interviews, followed by two weeks of on the job training during the field research and analysis.
March 15-29	12	Guatemala	Technical support to INCAP's Regional Workshop on clinical and promotional aspects of D M D for interdisciplinary teams from five countries.
Weekly	15-20	Honduras	Weekly workshop on communication methodology for central level MOH staff from nutrition, maternal child health and health education.

March

15

Honduras

Regional Workshop on  
"Development of  
Appropriate Low-Cost  
Nutrition Education  
Materials" to introduce  
nursing aides to use of  
social marketing  
techniques for their  
community education  
work.

**Appendix D**

**Short-Term Technical Assistance  
January - March, 1990**

Appendix D

Short-term Technical Assistance  
January March, 1990

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<u>Country</u>	<u>Number of Weeks</u>		<u>Total Weeks</u>
	<u>Staff Consultants</u>		<u>of TA</u>
<hr/>			
<u>Africa</u>			
Burkina Faso	-	4	4
Mali	3	5	8
Niger	1	1	2
<u>LAC</u>			
Guatemala	1.5	6	7.5
Dominican Republic	2	-	2
Honduras	2	-	2