

# **Nutrition Communication Project**

**QUARTERLY  
TECHNICAL REPORT**

**18**

**January-March 1992**

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

DAN-5113-Z-00-7031-00  
936-5113

PD-ABE-065

76930

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

**Quarterly Technical Report No. 18  
January - March 1992**

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

**This project is funded by the U.S. Agency for International Development, Bureau for Research and Development, Office of Nutrition, under Contract No. DAN-5113-Z-00-7031-00 (Project 936-5113).**

## TABLE OF CONTENTS

I.	HIGHLIGHTS THIS QUARTER .....	1
II.	PROJECTS AND OTHER FIELD SUPPORT ACTIVITIES .....	2
A.	AFRICA .....	2
B.	LATIN AMERICA AND THE CARIBBEAN .....	13
III.	TRAINING AND EDUCATIONAL MATERIALS .....	17
IV.	WORKING LIBRARY .....	19
V.	MEETINGS AND DISSEMINATION ACTIVITIES .....	20
VI.	ADMINISTRATION .....	21
VII.	STAFF .....	22
VIII.	SUBCONTRACTORS .....	23
IX.	DELAYS, PROBLEMS, AND ACTIONS TAKEN TO ADDRESS THEM .....	23

### APPENDICES:

- A: Budget Analysis
- B: Travel This Quarter
- C: Training Events and Workshops
- D: Short-Term Technical Assistance
- E: Dissemination This Quarter

## **I. HIGHLIGHTS THIS QUARTER**

The highlights and key accomplishments of the Nutrition Communication Project (NCP) for this reporting period:

- Work was initiated on the design of a nutrition computer model for policymakers.
- A case study paper on using social marketing techniques to modify nutrition behavior was prepared for the ICN (International Conference on Nutrition).
- A needs assessment/program development mission was carried out in Cameroon.
- Full-scale implementation of nutrition communication activities began in both Burkina Faso and Mali, as the projects expanded into new areas.
- Two workshops were conducted with CARE for supervisory staff from six countries in Latin America and the Caribbean on the topic of "Learning Principles and Training Techniques Applied to Nutrition."
- Training of health workers on breastfeeding was carried out in 4 regions of Honduras; and design of a series of take home materials for mothers and guides for counselors was launched in collaboration with La Leche League/Honduras.

### **Next Quarter**

NCP plans to:

- Finalize the training manual "Learning to Listen to Mothers," designed to teach interpersonal communication skills for growth promotion, based on field tests in Latin America, Asia, and Africa.
- Have a working nutrition computer model ready for presentation to policymakers.
- Print *Questions and Answers on Infant Feeding: A Panel of Experts Takes a New Look* in three languages (English, French and Spanish); *A Historical Review of the Panama Breastfeeding Promotion Project* in two languages (English and Spanish); and a field note, *Producing a Training Video: The Case of "¡Comuniquémonos, Ya!"*, and distribute the publications worldwide.
- Prepare for the two-day International Nutrition Education Conference to be held in collaboration with the Society for Nutrition Education in early July.

## **II. PROJECTS AND OTHER FIELD SUPPORT ACTIVITIES**

### **A. AFRICA**

---

#### **■ Sahel Region Vitamin A Communication Project**

Over the next year, the Sahel Vitamin A Communication Project, organized by the Food and Agricultural Organization of the United Nations (FAO), will hold three technical workshops in rural radio, print and video techniques for participants from five nations. NCP is collaborating with UNICEF, HKI and FAO in implementing the first two workshops, and will then support production and broadcast of radio and other mass media in Burkina Faso, Mali and Niger.

NCP Program Officer, Peter Gottert, participated in the organizational seminar, held in Bamako January 27-31. The seminar set forth the rationale, objectives and methodology of the project and defined the scope of the existing activities in nutrition communication in the Sahel. A proposed list of participants for each of the technical workshops was prepared. The rural radio workshop is scheduled to be held in Ouagadougou in late August and the print materials workshop in Bamako in November. Since NCP communication strategies in Mali, Burkina Faso, and Niger call for including rural radio in the media mix, the August workshop is a particularly timely and appropriate training activity.

Work continued on the "creative briefs" which bring together social marketing objectives, research findings, themes and message concepts appropriate for each country with NCP programs. Sample creative briefs were made available to the FAO team so that similar guidelines can be prepared for all the teams. The Creative Briefs will help focus production activities during the radio workshop so participants can return home with a bank of ready-to-air materials.

In Mali, Niger, and Burkina Faso, NCP intends to initiate the production of radio programs immediately after the August workshop. In Niger, the role plays and theater pieces now being produced by the Village Animation Teams will be used as the basis for a radio drama. Gottert will attend the rural radio workshop for at least one week in August, and will assist as a resource person for the November print workshop.

#### **■ Africa Bureau Infant Feeding Initiative**

This comprehensive program, initiated by A.I.D.'s Office of Technical Resources for Africa, enabled NCP to co-sponsor, with PRITECH, a regional Forum on Infant Feeding and Child Survival held in Lomé in September, 1991. As described last quarter, several of the nine country teams participating in the Forum initiated policy workshops, planning reviews and other activities to heighten the priority given to optimal infant feeding in national programs. Several

countries immediately requested follow-up technical assistance from NCP as well as the other centrally funded projects invited to the Forum (e.g. WINS - Togo; Wellstart - Cameroon; PRITECH - Senegal). NCP is currently conducting program planning and technical assistance visits to participating countries to develop specific infant feeding activities, as well as preparing and disseminating the conference proceedings and desk research on infant feeding problems and program experience in Africa.

On January 10, Hope Sukin of the Africa Bureau in conjunction with the Offices of Nutrition and Health held a coordinating meeting for a number of centrally-funded projects working in the area of breastfeeding and infant/child nutrition. The meeting was planned to help program implementers maximize their access to technical resources while minimizing duplication of effort. NCP staff, Margaret Parlato, Claudia Fishman and Kimberly Forsyth participated in this meeting, and subsequently met separately with Wellstart/Washington, PRITECH and WINS to coordinate country-specific efforts.

### Program Planning and Technical Assistance

#### *Cameroon*

Claudia Fishman visited Cameroon February 4 - 13, 1992, to explore current and planned nutrition activities with USAID/Yaoundé, CARE, PRITECH and the Ministry of Health. A number of strong programs, consistent with the objectives of the African Infant Feeding Initiative, are being developed in Cameroon. As a result of the visit, NCP plans to provide technical assistance to the Pilot Nutrition Education Project (PNEP) being implemented by CARE and the Ministry of Health. NCP will first assist during the formative research phase exploring foods and fluids used during weaning and diarrheal episodes (to be undertaken within the context of the CDD program, and in collaboration with WHO and PRITECH) and later during development and testing of infant and maternal nutrition counseling and communication approaches. While the proposed geographic focus is the area covered by the CARE project, i.e. the Far North, East, West and Littoral Provinces, NCP plans to align these efforts with those of other donors and projects (notably PRITECH, the WHO CCD program and the USAID-funded SESA project operating in the South and Adamaoua provinces of the country).

Approaches and materials developed through the PNEP could be produced and implemented by CARE, PRITECH, SESA and collaborating organizations. This would be achieved by participation of these organizations at key stages in the development and review of research findings and strategy development. A wrap-up training would also be planned involving the key organizations as a way of integrating the approach into the Reorganized Primary Health Care System which is the Government's health priority.

These recommendations were discussed with USAID's HPN Officer Richard Greene, and have been approved for further development by the Office of Nutrition and the Africa Bureau. Additional ideas discussed during the assessment that lie outside the mandate or time frame for NCP, (for example, a national survey on breastfeeding practices; final evaluation research for

PNEP), have been recommended to other donors and programs, namely Wellstart, WINS and PRITECH, for consideration.

### *Côte d'Ivoire*

NCP has been asked to collaborate with La Leche League International (LLL) in developing counseling materials on infant feeding for use in hospitals in Abidjan. NCP will provide technical assistance in audience research and materials pre-testing leading to training of hospital workers in appropriate counseling techniques to promote optimal infant feeding. This activity will be carried out with the University Teaching Hospital of Treichville and the University of Abidjan, Center for Teaching and Research in Communication (CERCOM) with whom NCP has frequently collaborated. First steps include review of LLL prototype materials, followed by local adaptation and testing in Côte d'Ivoire. Field activities are tentatively scheduled to begin next quarter.

### *Senegal*

NCP received a request from the Ministry of Health to assist in the development of counseling strategies and materials that better integrate nutrition, to be used during growth monitoring and other primary health care activities. NCP is exploring this possibility with Dr. Serigne Diene, who will mount a highly controlled test of health worker counseling impact on child health and development, in the Fatik region. Dr. Diene is currently associated with the Nutrition Service and the Public Health School of Dakar. His research will be co-sponsored by PRITECH and Cornell University, where he is earning his PhD in International Nutrition. NCP plans to provide technical assistance to the MOH research project in healthworker counseling techniques, furnishing trainers from recently completed workshops in Mali or Burkina Faso, as well as materials tested in these countries, following an initial needs assessment. The needs assessment is tentatively scheduled for early July.

### *Togo*

Activities planned for Togo last quarter were temporarily halted due to political unrest. NCP collaborated with the Office of Nutrition's WINS project to insure that their assessment visit undertaken this quarter was well received. NCP will follow up to see in what way we can complement activities developed in country, particularly with PVO partners with whom technical assistance had been pending.

## Dissemination Activities

### *Conference Report*

NCP Program Associate Kim Forsyth worked with PRITECH editor, Lisa Dipko, and Creative Associates International to complete the Conference Proceedings in English and French. Mailing lists were finalized and the report will be issued next quarter.

## ***Forum Background Readings***

NCP has received a number of requests for the syllabus and comprehensive set of topical readings distributed to participants at the Lomé conference. Many organizations have expressed their interest in seeing wider distribution of the material, particularly given the lack of French-language materials available on optimal infant feeding in Africa.

NCP is exploring the option of collaborating with the documentation center of the International Children's Center (CIE) in Paris, France to make the collection available for wide distribution to Francophone countries. CIE provided invaluable assistance in preparing the Forum bibliography and locating many of the original articles, and is generally the top-of-mind resource for French language materials on child nutrition. Tasks to be shared include determining which among the 100 articles are most useful outside of the Forum setting; updating the collection, where necessary; obtaining copyright clearances from the publishers and authors; publishing the articles in a format for easy use and reference; distributing the publication and responding to future requests.

PRITECH has made papers presented at the conference available through its Documentation Center. The papers were described in the January "PRITECH Information Center Acquisitions" which is widely circulated.

## **■ Country Project: Burkina Faso**

NCP moved into its expansion phase this quarter, hiring Ms. Amelia Duran-Bordier, who resides in Ouagadougou, as a Training Consultant. Ms. Duran-Bordier, who has an MPH from Tulane University, joins graphics consultant, Nemat Kazemi and the accounting agency, FIDEXCO, in providing in-country technical assistance to the Ministry of Health (MOHSA) on behalf of NCP.

The in-country team was joined by Claudia Fishman and regional consultant Dr. Hugues Koné, Director of CERCOM, National University of Côte d'Ivoire, Abidjan, between February 17 - 21, to help launch NCP activities in the eight participating provinces. Highlights this quarter include production of the first NCP/Helen Keller International (HKI) flip chart printed entirely in west Africa - *Why Sita is Vigorous and in Good Health*; presentation of the recently completed baseline survey of Knowledge, Attitudes and Practices (KAP) findings and recommendations during a Research Dissemination Workshop organized by the MOHSA and sponsored by A.I.D. (February 17 - 20); and NCP's first planning meeting with the medical directors and staff of the 8 provinces in which project activities are being carried out, as well as interested collaborating agencies. These two separate meetings replaced what was originally described in NCP's implementation plan as a "Technical Advisory Group (TAG)" meeting. Finally, NCP initiated training needs assessment visits in the collaborating provinces in March.

### Research Dissemination Conference

NCP played an active role in co-sponsoring the first National Research Dissemination Conference which featured recent studies in family planning, diarrheal disease control, primary health care management and nutrition. The majority of this work was funded by A.I.D.. The conference was designed to allow provincial level medical directors and staff, MOHSA and university personnel based in Ouagadougou as well as international project coordinators and donors to review this wide range of health research and discuss its program implications. Mr. Jean Parfait Douamba, who coordinates NCP on behalf of the MOHSA, presented the KAP study, highlighting the strong perceptual differences between men and women concerning family nutrition -- perceptions that factor strongly in NCP's targeting of messages to improve maternal and child nutrition. The presentation was well received by the approximately 200 persons attending the session, including medical directors from the eight provinces where NCP will implement its activities on behalf of USAID/Ouagadougou in 1992-94.

### Planning Meeting

The one-day meeting accomplished several important objectives: (1) it familiarized the participants with NCP's operational strategy and progress to date, (2) it resulted in concrete commitments from the regional medical directors to the nutrition communication program, beginning with training needs assessments, and (3) it strengthened collaborative ties between NCP, UNICEF, Save the Children and Africare, leading to some cost-sharing and maximized impact.

Based on discussions, the overall evaluation plan was modified to include "sentinel data collection sites" to allow NCP to analyze regularly-collected data that might serve to monitor and evaluate the program's impact.

### Training Needs Assessment

Ms. Duran-Bordier and Mr. Douamba initiated a training needs assessment in March, with Bazega and Sissilli visited first. The three day visits allowed headquarter and provincial level staff to determine areas of strength and weakness to be addressed in the training, planned for late May.

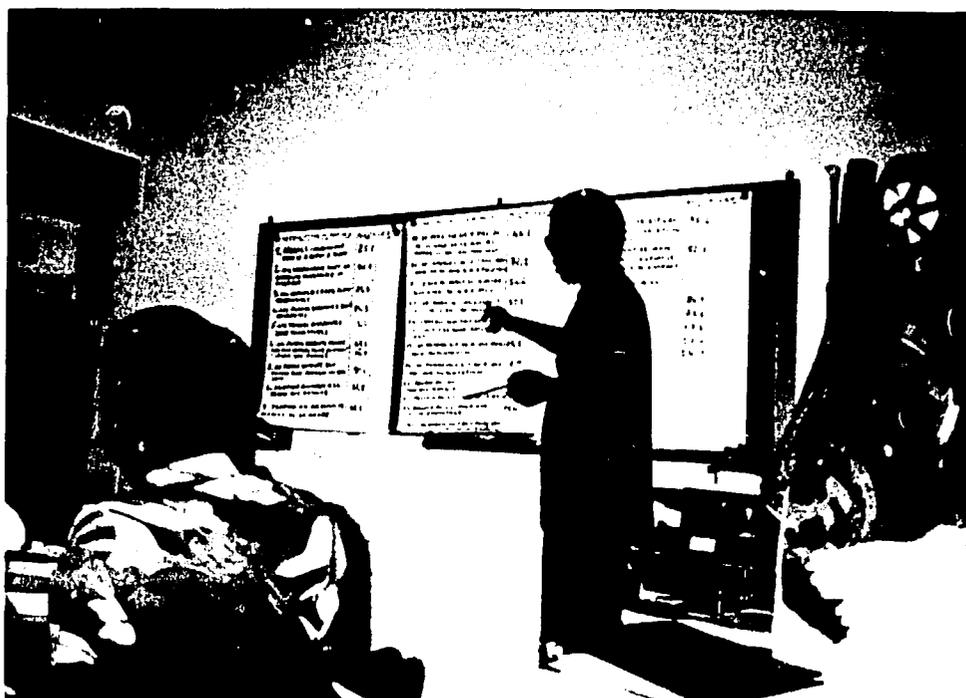
### Activities Ahead

- ◆ NCP will produce two new flip charts "Burkinabè Families on the Road to Health," parts 1 and 2.
- ◆ Ms. Duran-Bordier will participate in NCP training workshops in Mali in late April-early May, which will facilitate her preparations in Burkina Faso. Ms. Duran-Bordier's participation in Mali will be co-funded by HKI/VITAP and USAID/Bamako's Buy-In to NCP.

## Scenes from the Meeting



NCP Burkina Faso TAG Meeting  
February 21, 1992



Hugues Koné, NCP Regional Consultant  
Review of NCP KAP Principal Findings

## ■ Country Project: Mali

### Management

NCP continued to coalesce its management structure this quarter, relying more on the National Center for Health, Information, Education, and Communication (CНИЕCS) for technical and organizational input. The relationship between NCP, CНИЕCS and the PVOs is strengthening the bridges built by USAID/Bamako in the area of child survival, greatly improving the odds for all US partners to leave a sustainable program in place. Senior Program Officer, Peter Gottert, visited Mali in late January - early February, and met with CНИЕCS as well as representatives from Africare, CARE, Save the Children (US) and World Vision. Draft Letters of Agreement were discussed and revised during the visit, outlining activities planned for this year. Because PVO and CНИЕCS staff, in consultation with USAID/Mali, are working extremely well as a committee, NCP continued to function this quarter with a local technical consultant (Dandara Kanté) and administrative consultant (Sabayna McGuire) - supported as needed by NCP core staff. NCP will continue to evaluate whether a local full-time coordinator would enhance activities as the project moves into a more intensive training phase next quarter.

### *New Partners*

CНИЕCS and Save the Children, USAID's "pivot PVO" in the health sector, will identify and select up to three additional PVOs to collaborate with NCP. The current partners agreed upon criteria for the selection of these additional collaborators, which are that the new group:

1. be located in the Bamako - Ségou - Sikasso geographic zone;
2. have ongoing well-organized field activities that would benefit from NCP's assistance;
3. be of approximately the same size as the PVOs with whom NCP is presently working. This is required in order to maintain a balance in project inputs.

Newly identified PVOs will be invited to participate in the NCP "Spring Training" scheduled for next quarter.

### Highlights This Quarter

#### *Drama*

The two plays written by the CНИЕCS team have been met with enthusiastic responses by collaborating PVOs. CНИЕCS will work with consultant Dandara Kanté to draft the third piece to accompany the village storybook "Pourquoi Sita est Vigoreux et en Bonne Santé." Drama, while a traditional medium, allows demonstration of target attitudes and behaviors in a manner that is readily understood and remembered. The theater pieces are linked to the village story books (flip charts) to facilitate community-based productions. Communities that have

participated in discussions based on the Village Storybooks can then be encouraged to "act out" the messages for their peers. The World Vision Child Survival Project has already had success in using drama to communicate nutrition messages. Once thoroughly tested, NCP plans to assemble the Malian dramas with role plays and forum theatre productions from Burkina Faso and Niger into a Nutrition Drama Handbook. This handbook, which will bring together NCP's experience in this area, will assist project teams, teachers and community leaders in the Sahel to integrate the use of drama into their nutrition education activities.

The students from the Ecole Liberté "A" in Bamako received a big hand for their production, "L'Alimentation d'Awa," based on two NCP flip charts treating maternal nutrition. The play was first scripted by Fatim Maïga of CНИЕCS and revised for student theatrical production by 'Sindiak' Diakit . As can be seen in the flyer below, the students, staff and teachers were all proud of their effort, which will be repeated next quarter for Radio Television Mali. NCP was very sad to learn of the untimely death of Sindiak Diakit , and hopes that the students' production of "Awa," and the community-based interpretations that it will inspire, will help us remember just one of Sindiak's many fine plays written in the service of development.

### *Literacy*

Both CARE and Save the Children have active adult literacy components in their projects. CARE is also exploring ways of teaching literacy through their Child-to-Child Program. NCP is preparing a series of post-literacy booklets which will serve these and other literacy programs in the country. This quarter, CНИЕCS drafted several texts and obtained estimates from local print shops for production.

### *Child Survival Project Trainings*

NCP initiated planning for two workshops, which emphasize interactive nutritional assessment, counseling skills, and integrating nutrition into other primary health care routines. Several training consultants will be fielded, including Deputy Director Claudia Fishman. They are scheduled to arrive in Bamako in late April to finalize the workshop agenda with representatives from each participating PVO and the CНИЕCS. Participants from the first two workshops will be invited to lead a third workshop shortly thereafter for new NCP collaborators.

### *Peace Corps*

The Peace Corps plans to bring "health" volunteers into Mali for the first time in early 1992. Peace Corps Director, Karen Woodbury, expressed interest in having these volunteers as well as those in relevant sectors, such as those working in primary schools, collaborate with NCP. Tim Delematre, a third year volunteer, will continue to act as liaison between CНИЕCS and the Peace Corps. NCP envisions training the volunteers in nutrition communication and equipping them with educational materials.

## Flyer for French School Production (Mali)

### "L'ALIMENTATION D'AWA"

Une pièce écrite par Fatim Maïga et M. "Sindiak" Diakité pour améliorer la nutrition des mères et leurs enfants.

Mise en scène par le groupe de théâtre et le groupe de danse de l'Association Culturelle et Sportive de l'Ecole Liberté "A" de Bamako

Le 12 Mars 1992 à 20 H.

* Le narrateur -griot	Gwenaelle
* Adama, un cultivateur	Valérie
* Awa, son épouse	Latifa
* Mohamed, Naba, Bila leurs 3 fils .	Isaac, Marc Isabelle
* Les enfants de la voisine	Emilie, Aïssata
* Bakary, un commerçant	Elsa
* Talato et Téné, les amies d'Awa	Maimouna, Mélanie
* Gibril, le guérisseur	Marc
* Mariam, l'assistante de santé au village	Sophie
* Bintou, la petite soeur et la bonne d'Awa avec le tam-tam de et un coussin bleu.	Isabelle Ma Dicko

Décors: MM Sidi Sow et Henri Pinet  
Mise en Scène: Mme Pinet  
MM Poulton, Kané, Sindiak



Nous souhaitons meilleure santé à notre ami Sindiak, Lauréat de l'ACCI 1992.

## ■ Country Project: Niger

The Vitamin A Mini-Project celebrated its first anniversary this quarter. The project, conducted in collaboration with the Ministry of Health and HKI in the Birni N'Konni region (Tahoua Department), uses social marketing techniques to increase the consumption of Vitamin A-rich foods. In the summer of 1991, NCP consultants Nancy Keith and Ming Hung, reviewed relevant literature and managed in-depth research focused on high risk groups: pregnant and nursing women and children under six. Following discussions with the Ministry of Health Technical Management Committee working group and Sylva Etian, the USAID TACS officer in Niamey, the project team developed a communication strategy including message concepts, key themes, and an activity calendar for the remaining nine months of the project. A principle component of the dissemination strategy is to promote nutrition through village role plays and theater pieces. Concept testing was completed in October.

### Training of Trainers

Efforts this quarter were concentrated on training. Consultant Nancy Keith worked with Peter Gottert in developing a training curricula and materials. Plans were finalized January 16-17 when Dr. Keith visited Washington before leaving for Niger. She facilitated a Training of Trainers Workshop in Birni N'Konni between January 27 - 31. The workshop brought together 26 agricultural agents, teachers, and nurses who work in the 16 project villages. Since a primary task of the participants is to train Village Animation Teams (VAT) in community role plays and theater, the workshop focused on skill building in this area. The participants also took initial steps towards developing specific educational interventions that they will incorporate into their professional activities. The training also reviewed the nutritional status of women and children in the area, the role of Vitamin A, and the best seasonal sources of Vitamin A in the region. The participants formed Technical Support groups, each with responsibility for 5 - 6 project villages. These groups discussed criteria for selection of the animation teams and developed activity plans leading up to the village training workshops.

### Village Animation Teams

One indicator of the success of the trainer's workshop was that the participants were eager to transfer what they had learned by immediately starting to work at the village level. The second tier VAT workshops were originally scheduled for early April following the month of Ramadan. However, the project team felt it was important to capitalize on the momentum generated by the January training and moved the VAT training dates up to February 21-23. Peter Gottert travelled to Niger February 5 - 11 to help plan these workshops with Nancy Keith and the project team. In addition to the logistic and financial preparations for the workshops, the project team developed the following:

- **Role Play Guide:** The guide served to facilitate collaboration between the Technical Support Groups and the Village Animation Teams. The project team consulted at length on how best to introduce villagers to the concepts, objectives and actual presentation of

role plays. Based on lessons learned during the VAT workshops and subsequent communication activities, the role play guide will be finalized and made available for Child Survival Projects in Niger, Mali and Burkina Faso. Keith and Team Coordinator, Aïssa Mamadoulaïbou, took primary responsibility for drafting the guide.

- **Nutrition Message Handout:** This short handout presents the Mini-Project's key nutrition messages in French and Hausa with relevant background information from the qualitative research.
- **Strategy for Communication Activities by Professionals:** The three professional groups - teachers, agricultural agents, and health workers -- will be responsible for specific communication activities. During the January training the professional groups discussed their specific activities in addition to their work with the VAT. Time restraints, however, did not allow the group to agree upon a coordinated intervention strategy. Mr. Camara, the NCP/HKI Project Coordinator, will follow this aspect of the strategy development. Materials needed to assist the Technical Support groups in executing their strategy will be developed by the beginning of next quarter.

### Plans for NCP "Maxi Project"

In a debriefing session, Gottert and Keith met with USAID/Niamey HPN Officer Carl Abdou Rahmann and Sylva Etian to review the current NCP/HKI activities. The group discussed how NCP/HKI might extend implementation activities to the entire Tahoua Department. Rahmann recommended a number of activities that would fit within Mission priorities. NCP will send the Mission a Discussion Document by early April outlining possible strategies to expand the pilot Vitamin A Mini-Project.

Next quarter Keith and Gottert will return to Niger to accompany the Technical Team to Birni N'Konni to assist the launching of grassroots communication activities.

### ■ **Country Project: Swaziland**

During this quarter, remaining funds from the Africa Bureau Child Survival Initiative II were reprogrammed to enable NCP to continue providing technical assistance to the radio component of the Weaning Project in Swaziland. The Weaning Project, managed by the Home Economics Section of the Ministry of Agriculture and Cooperatives (MOAC), is a research-based communication intervention to prevent infant malnutrition through improved breastfeeding, weaning practices, and hygiene.

Discussions have continued with the USAID/Mbabane Mission and NCP consultant Dr. Edward Douglass regarding additional technical assistance visits. The Mission has requested that Douglass make two more visits in May and June of next quarter to continue training project staff in the techniques of using a "magazine" format in the project's radio programs. NCP has also proposed a visit by a communications consultant to help the project integrate the various

communication components into a unified strategy and to identify further areas in which NCP could provide assistance.

## **B. LATIN AMERICA AND THE CARIBBEAN**

---

### **■ Country Project: Honduras**

Since October 1989, NCP has been providing technical support to nutrition communication activities being carried out under the USAID Health Sector II project. NCP's role is to work with the Ministry of Health to improve infant feeding and breastfeeding practices through mass media, training and interpersonal communication, and to support growth monitoring efforts. Special attention is being given to integrating nutrition into the broader child survival communication strategy at the central and local levels.

#### **Phase II of NCP Assistance to Honduras**

The contract period for NCP Resident Advisor, Peter Boddy, ended this quarter. He will now be working with Universidad NUR in Santa Cruz, Bolivia. Dr. Patricio Barriga, AED Chief of Party and HEALTHCOM Resident Advisor, will be taking over responsibility for management of nutrition activities. A local technical assistant, María Fernanda Contreras, has been hired to assist Barriga in his new role; she will work solely on nutrition activities. NCP will also use short-term consultants to provide technical assistance for the remaining 14 months of the project.

This quarter was also a transitional one in Washington with the departure of Julia Rosenbaum who had been manager of both the NCP and HEALTHCOM projects in Honduras. Until a replacement is in place, HEALTHCOM activities will be backstopped by Sandy del Prado and NCP's by Margaret Parlato.

#### **Breastfeeding Promotion Activities**

As of this quarter, the first series of breastfeeding promotion materials has been completed and distributed. Radio spots continue to be aired on national and regional stations. MOH monitors report that the spots are being broadcast as per the contracts.

Last quarter, NCP began training regional health training teams in breastfeeding promotion as part of the Consultative Workshop for Regional Education and Communication Planning, held in Tela in November 1991. This historic event brought together for the first time 65 representatives from all nine health regions to discuss and schedule 1992 communication activities in the regions. While there has been much talk about integrating child survival interventions, never before has the national leadership carried out a planning exercise to develop workplans and identify resources necessary to carry out integrated activities. Each of the

Ministry's central divisions presented national communication plans and resources, and then assisted the regions in assessing their training needs for the coming year as part of their communication strategy. Breastfeeding and nutrition activities were identified by all regions to be of high need and priority. The new breastfeeding educational materials were introduced and counseling skill sessions were held as part of the Training of Trainers approach.

This quarter, training activities continued in Health Regions 6 (La Ceiba), 7 (Juticalpa), 4 (Choluteca), 3 (San Pedro Sula), and 1 (Tegucigalpa). The training course includes 20% breastfeeding and complementary infant feeding, 20% ARI, 20% diarrheal disease control, including DMD, 20% environmental sanitation and 20% vector control. Some follow-up seminars at the regional level have already taken place. MOH counterparts, particularly Dr. Gustavo Bardales and Ms. Vilma Padilla, have played a vital role in the implementation of the trainings, in both management and technical content. Rosario Torres, Luis Sarmiento, Norma Duron of the Division of Health Education (DHE), and the AED/Honduras administrative staff have worked hard on this training program.

In Honduras, messages on breastfeeding are being integrated in the Acute Respiratory Infection Program.

**Cómo Prevenir las IRA:**

- lactancia materna exclusiva hasta los 6 meses de edad.
- alimentación adecuada según la edad.
- vacunación según esquema.
- ambiente limpio y libre de humo y polvo.



### Evaluating the Breastfeeding Promotion Component

With support and funding from the Office of Nutrition, NCP will evaluate the impact of the Honduras breastfeeding promotion experience. Supervised by Evaluation Specialists Leslie Zeldin and Carol Baume, baseline data were collected in Summer 1991 by teams in three regions of the country, the two project regions and one control region. Analysis was completed last quarter, and a final report has been translated into Spanish. Both the English and the Spanish reports will be distributed throughout Honduras and to other breastfeeding promotion specialists in April. Consultant Leslie Zeldin will present the findings of the study next quarter to MOH officials and will conduct a workshop to integrate baseline findings into national breastfeeding promotion activities.

## Collaboration with La Leche League/Honduras

Planning discussions continued this quarter with La Leche League/Honduras (LLL/H), the Georgetown Institute for Reproductive Health, and the Ministry of Health, to develop a series of materials for peer counselors that specifically address women's problems and concerns, as well as take home materials for mothers. Next quarter, AED communications experts, José Mata and Reynaldo Pareja, will work with LLL/H and the MOH on developing the materials. The materials are intended to complement those recently developed by the MOH by reaching new audiences (i.e. counselors and paraprofessionals) and by exploring in depth a number of critical breastfeeding behavioral issues identified during the formative research conducted in 1991, but not addressed in the materials created to date (i.e. how to maintain breastfeeding for working women).

AED technical assistance will be used to assist LLL/H develop, test, produce and distribute culturally-appropriate print materials. Work is scheduled to begin in late April.

## Complementary Feeding Component

Work on the infant feeding component began this quarter. With new staffing in the DHE and MCH Divisions, there is now increasing interest in the area of transition diets. NCP provided technical assistance for an ethnographic study on infant feeding practices to be conducted in selected regions.

Two anthropologists, Sandras de Tejada of Instituto de Nutrición de Centro América y Panamá (INCAP) and Teresita Pastor, an independent consultant, met with MOH professionals to prepare research instruments and design the study. The target population for the study will be mothers with children in three age categories: 6-9, 10-12, and 13-14 months of age. Selected geographical areas are Tegucigalpa (3 barrios), Intibucá (3 villages), La Mosquitia (3 villages), and Santa Bárbara (3 villages). The new data will be used in designing an educational intervention that will complement breastfeeding promotion efforts and GMP activities.

## ■ **Country Project: Peru**

This quarter, AED Communication Specialist, José Ignacio Mata, conducted a follow-up evaluation of the Population Council Peru Breastfeeding Project (1988-90), a two-year controlled trial project aimed at extending the duration of exclusive breastfeeding among low-income women in Lima by means of a hospital-based intervention. NCP provided assistance in developing a communication strategy and print materials, and planned this evaluation specifically to look at the effectiveness and use of the educational materials (flipchart, calendar, and guide for hospital workers.) The evaluation was also designed to determine if the promotional materials could be used in a new Mission-funded primary health care project and to recommend any changes that would make the materials more effective.

Mata was assisted in this assessment by local lactation expert, Dr. Sara Maria Vega Sanchez. In looking at how breastfeeding education is conducted, the team concluded that while the two hospitals involved in the trial intervention have established activities in support of exclusive breastfeeding by providing instruction and training for mothers, implementation problems exist since the highly successful project ended two years ago. These problems directly affect the way educational materials are now being used.

One problem is that formal training of health personnel is complicated by continuous staff rotations and personnel changes. Familiarity with the Project breastfeeding guide is limited to health personnel who received it while attending the course offered by the Project in 1989. The NCP team found that while most hospital health workers are convinced of the importance of exclusive breastfeeding, knowledge of the techniques necessary for success are not uniform. However, a correlation was found to exist between knowledge of correct procedures and prior access to the Project course and guide.

Due to a lack of common reference documents, health personnel deliver contradictory and confusing information to mothers. Therefore, the degree of health personnel training in breastfeeding and related techniques does not necessarily result in better information transfer to mothers.

Conditions for the proper use of Project flipcharts no longer exist in either of the two intervention hospitals, and users find the flipchart complicated to use. The weight of the flipchart is a problem, as is the users' unfamiliarity with the convention of reading flipcharts whereby messages are placed on the back of the preceding card rather than the back of the card being shown. However, aside from advice from health personnel, there are almost no other sources of breastfeeding information for mothers. Breastfeeding posters in the hospital are located mostly in inappropriate places and are not visible by mothers.

As a result of the evaluation, the team recommended that a permanent and formal training system, in the form of courses or short lectures, be instituted. This would allow new or rotating personnel to standardize their knowledge with that of the more permanent staff. Any training strategy should include the reproduction of technical reference materials, such as the Guide for Health Personnel designed for this Project.

The team suggested that an educational training system should also be established for mothers, with efforts made to include visiting family members. Emphasis should be placed on the importance of breastfeeding, the concept and meaning of exclusivity, and proper breastfeeding technique. They also recommended that current training materials be improved, and that the flipchart be accompanied by a user's guide. In addition, it was recommended that the production of posters and calendars to promote breastfeeding should be reconsidered in favor of the production of pamphlets and educational materials that can be distributed to mothers and other family members.

Finally, the team recommended conducting a more in-depth study of patient flow in the different hospital departments in order to better identify and develop a strategy to train all appropriate staff in counseling mothers in exclusive breastfeeding.

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

#### **■ INCAP**

This quarter, NCP continued to work with the Nutrition Institute of Central America and Panama (INCAP) on the development of a masters' level Nutrition Communication curriculum. As a basis for the work, NCP began to facilitate exchange between INCAP and several U.S.-based universities with experience in developing curricula on health communication. Valerie Uccellani is coordinating this activity with INCAP and HEALTHCOM.

#### **■ Nutrition Computer Model**

A nutrition computer model is being designed to raise the awareness of senior government policy makers and program managers to the importance of improving the nutritional status of the population. This presentation will also seek to encourage decision-makers to take action by demonstrating the feasibility of selected program interventions which have improved the nutritional status of specific target groups in the past.

The initial "brainstorming" session to identify the model's general content and relationships was held on February 3. Members of the computer modeling working group and the Office of Nutrition participated in this day-long session.

A first draft of the proposed model was presented to Mr. Seifman, Dr. Davidson, and Dr. Chung of the Office of Nutrition and discussed at a second meeting held on March 16. The participants for this meeting included several well-respected nutrition experts from the Washington area: Drs. Roy Miller, José Mora, Eileen Kennedy and Jim Pines.

Nutrition consultants, Dr. Zak Sabry and Mr. Steven Hansch, in collaboration with computer modeling expert, Mr. Ed Abel of The Futures Group, are presently working on the latest draft of the model. This work will be completed by the first week in May, reviewed internally, and presented to the Office of Nutrition for comments by mid-May before being tested more widely in Washington and overseas.

#### **■ GMP Training Manual**

Over the past year, NCP has been collaborating with governmental and non-governmental organizations in different countries to field test the training manual "Learning to Listen to

**Mothers: Strengthening Communication Skills for Nutrition and Growth Promotion.** This quarter, the manual was field tested in Bolivia in collaboration with two NGO groups: Esperanza and PROCOSI (Coordinating Program for Child Survival). The field test was conducted in Villamontes in March using the manual to train personnel from health and agricultural projects. A new twist on this most recent field test of the manual was to incorporate the training video, ¡Comuniquémonos, Ya!, produced by NCP in coordination with UNICEF. Initial feedback was extremely positive. The trainers -- public health nurses who typically train this group of participants -- reported greater success than obtained with more conventional training methods. The group expressed strong interest in expanding and adapting the manual for other health personnel in the region.

Next quarter, NCP will work with Plan International and the African Medical and Research Foundation (AMREF) to field test the manual in India and Kenya, respectively.

### ■ **Workshop for NGO Field Staff in Latin America**

NCP collaborated with CARE on applying basic principles of adult learning to the field of nutrition in six countries in Latin America. With support from the A.I.D. Bureau for Food and Humanitarian Assistance, NCP and CARE conducted and evaluated two sub-regional workshops entitled *"Learning Principles and Training Techniques Applied to Nutrition"* for field staff with staff training responsibilities. The two workshops were in Cochabamba, Bolivia (January 17 - 21) for Bolivia, Ecuador, and Peru; and in Antigua, Guatemala (January 24 -28) for Guatemala, Honduras, and the Dominican Republic. CARE staff were joined by staff from CARITAS, Project Share, Project Concern International, and USAID/Guatemala. CARE Regional Technical Advisors, Salvador Baldizón and Julio Ramírez de Arellano, and NCP Program Officer, Valerie Uccellani shared responsibility for conducting the workshops' training needs analysis and training design, and for facilitating and evaluating the training in both countries.

The workshop focused on having participants develop concrete nutrition training plans utilizing a range of participatory training techniques. Working in teams, participants designed training plans on topics ranging from promotion of donated food to the use of nutrition education materials by community-level staff. Throughout the training event, facilitators led sessions on topics of special interest to participants such as development of training objectives, factors that motivate learning, and guidelines for evaluating training events.

The outcome of the workshop was evaluated through an analysis of the training plans produced by participants (pre- and post-training), using a specially-designed set of evaluation criteria. Participants' final training plans and "mini-trainings" conducted on the third day of the workshop indicated substantial improvement.

A follow-up evaluation of the workshop is planned. Options being considered include having participants monitor future training efforts of their own in-country projects; arranging project-specific technical assistance visits by the trainers (which would include on-site observation and team work); and holding, a small scale regional workshop in six to twelve months. Many

participants felt that external follow-up of these workshops would be particularly important because the training approach proposed is quite different from what has been in place to date.

### ■ **Society for Nutrition Education**

Work continued this quarter in planning the July 13-14 workshop whose theme is Strategic Planning for the Promotion of Infant Feeding and Child Nutrition. Consultant Peggy Koniz-Booher worked closely with Margaret Parlato to finalize the agenda and list of presenters based on suggestions from a large number of organizations and individuals active in nutrition. Gayle Gibbons and Virginia Yee from the American Public Health Association played a key role in the process.

### ■ **Social Marketing Guidelines for Vitamin A Program Managers**

Comments from outside reviewers were received on the draft document. Revisions will be made next quarter.

### ■ **Case Study on Behavior Change for Nutrition**

In March, NCP completed the first draft of a case study for the International Conference on Nutrition (ICN) being co-sponsored by FAO and WHO. The document, *Modifying Behavior through Communications*, was submitted to FAO and will be reviewed by outside experts next month. A final document will be ready before June 15.

## **IV. WORKING LIBRARY**

NCP Library Manager, Diane Foster, converted the library database files from SciMate to ProCite during the last quarter. The conversion has required some "clean-up" to put the records into NCP Library format; the system will be fully operational next quarter. NCP purchased four "Search Only" versions of the ProCite software, which will be installed on NCP staff office computers. The "Search Only" versions will allow staff members to access and search the library database from their desks, without having to consult the project librarian.

The library provided educational materials developed by NCP to AED Creative Director, Lynda Bardfield Van Over, which were used as displays and discussion pieces for a Creativity Seminar held for staff members at AED.

Requests for *Media Promotion of Breastfeeding* were received and filled from 29 organizations and individuals. A number of packets of documents and educational materials were prepared for INCAP, the Honduras NCP Project, and several other organizations (see Appendix E).

## V. MEETINGS AND DISSEMINATION ACTIVITIES

### ■ Presentations and Dissemination Activities

Breastfeeding Cluster: Margaret Parlato (NCP), Elizabeth Herman and Martita Marx (both representing PRITECH) made a presentation to this A.I.D. technical group on February 4 about the Lomé regional conference on Infant Feeding and Child Survival and the follow-up activities carried out since September.

Field Note on Production of a Training Video: Valerie Uccellani, NCP Program Officer, wrote a field note documenting the production process for the NCP/UNICEF video "Comuniquémonos, Ya!," which includes recommendations for others embarking on the production of a training video. In addition, Uccellani co-authored an article with Maria Cristina Rosales, video producer from CREA Guatemala, on the use of video as a training tool.

### ■ Meetings and Coordination with Other Organizations

PRITECH: A Cameroon coordination meeting was held January 23 with PRITECH and Wellstart.

USAID and NGOs in Guatemala: In January, Uccellani met with Lynn Gorton (USAID), Sandy Callier (ROCAP), Sean Gallagher (Project Share) and John Kepner (Project Concern International) to discuss the response of participants to the workshop "Learning Principles and Training Techniques Applied to Nutrition" and strategies for follow-up with NGOs.

CARE: In February, Uccellani met with the Primary Health Care and Latin America Regional offices of CARE headquarters to debrief on the workshops in Latin America and to explore CARE priorities for multiplying and reinforcing the training among staff in the LAC region.

Wellstart: Uccellani attended the Latin America Lactation Seminar in Oaxaca, Mexico March 27 - 30. The seminar provided an opportunity to learn about breastfeeding promotion efforts of Wellstart teams in the region, and to explore critical issues related to breastfeeding promotion such as lactation and working women.

Food Aid Management: In March, Fishman and Uccellani met with Thomas Zopf and Steve Hansch of FAM to explore opportunities for collaboration between NCP and FAM member organizations. Priority areas identified were to facilitate exchange of approaches and materials between member organizations, and to support the incorporation of behavioral indicators into nutrition projects.

FAO: Petter Gottert participated in planning the Sahel Vitamin A Communication workshops being sponsored by FAO, during an organizational seminar held in Mali January 27-31. NCP

also contributed a background paper (Nutrition Education in Asia: Lessons Learned) for the Regional ICN Meeting for Asia and the Western Pacific held in Bangkok, January 27-31.

USAID/Bamako: A Mali project review meeting was held January 6 while Neil Woodruff, HPN Officer from Mali was in Washington. This was organized by Dr. Eunyong Chung from the Office of Nutrition.

A.I.D./LAC Bureau: In February NCP staff met with the Bureau for Latin America and the Caribbean and the Office of Nutrition to discuss planned activities in the region.

A.I.D./Africa Bureau: On March 6 the NCP Africa team met with Hope Sukin and Dr. Eunyong Chung from the Office of Nutrition to review allocation of funds from the Bureau. Plans to provide follow-up technical assistance to the countries that participated in the Lomé Infant Feeding Conference were also discussed.

La Leche League: Collaboration is underway to develop educational materials to support LLL activities in Honduras and Côte d'Ivoire.

## VI. ADMINISTRATION

AED received a two-year extension of the NCP Contract. The project will now end September 29, 1994 allowing for evaluation of country projects presently underway.

Financial activities during this quarter included the following:

- NCP requested an increase in the obligation amount under Delivery Order No. 8 (Burkina Faso) from \$199,998 to \$399,947, along with an extension of the end date from January 14, 1991 to March 14, 1993. Revisions in the Delivery Order budget line items and level of effort were also made.
- NCP requested an extension of Delivery Order No. 7 (Honduras) from September 29, 1992 to May 15, 1993. Revisions in the budget line items and level of effort were also requested.
- NCP received authorization from the Office of Nutrition to transfer unused Kenya funds to Niger: \$15,900 under Contract Amendment No. 2 and \$44,600 under Contract Amendment No. 4.
- NCP received authorization from the Office of Nutrition to transfer \$20,000 in funds from the Vitamin A/FAO Workshop project account to Niger, under Contract Amendment No. 5.

- NCP received authorization from the Office of Nutrition to transfer \$28,453 from the Africa Bureau/Child Survival Initiative II Evaluation account and \$11,630 from the Mali account to the Swaziland account funded under Contract Amendment No. 7.
- NCP's subcontract with the Burkina Faso imprest fund management company, FIDEXCO, was increased and the subcontract termination date was extended from September 14, 1991 to January 14, 1992.
- A fixed-price subcontract with The Futures Group was awarded to provide services in developing a nutrition computer model.
- A report on NCP compliance with subcontracting requirements for Small Business and Small Disadvantaged Business (SB/SDB's) was submitted to the Small Business Administration.
- A 1992 pipeline analysis of NCP Central funding was submitted to the Office of Nutrition.

## VII. STAFF

There were several staff changes this quarter in NCP's Latin America programs. Honduras Resident Advisor, Dr. Peter Boddy, completed his contract March 13. Dr. Patricio Barriga, who has been in Honduras as the HEALTHCOM resident advisor, will now have joint responsibility for NCP and HEALTHCOM until August, then will work full-time on nutrition activities. A local technical assistant, Maria Fernanda Contreras was hired in March to assist Dr. Barriga in his new role.

Also this quarter, Julia Rosenbaum, NCP Coordinator for Latin America and Asia/Near East, left the project February 28. She will be working for AED in Trinidad. Recruitment for a replacement is underway.

Recruitment is also taking place for a new program assistant position.

The first phase of AED employee performance reviews was completed in February. Responsibilities of all NCP staff were reviewed, as well as, the criteria for evaluating them.

## **VIII. SUBCONTRACTORS**

1. Porter/Novelli's Claudia Fishman provided technical support to the Mali and Burkina country projects; conducted a needs assessment visit to Cameroon and contributed to overall project management. Bob Porter completed a "creative brief" for radio producers in Niger and began work on a creative brief for Mali, expanding the outline prepared by Linda Bardfield Van Over.
2. The Futures Group, selected by AED to provide expertise in designing a computer model on nutrition, began working with the NCP team this quarter and produced a first operating model.

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

The series of publications on breastfeeding, the field note on training videos and the Lomé Conference reports scheduled to be completed this quarter will be back from the printers in early May.

## APPENDIX A

### BUDGET ANALYSIS

NUTRITION COMMUNICATION PROJECT (NCP)

CONTRACT NO. DAN-5113-Z-00-7031-00

FILENAME: MUSPEN

MARCH 31, 1992

FINANCIAL REPORT FOR PERIOD JANUARY - MARCH '92

A FUNDING SOURCE	B PROJ #	C OBLGD FUNDS 10/01/87 THRU 03/31/92	D EXPENDITURES INVOICED 10/01/87 THRU 03/31/92	E SPENT/ NOT INVOICED	F EXPENDITURES 10/01/87 THRU 03/31/92 (D+E)	G REMAIN FUNDS (C MINUS F)
<b>I. R&amp;D/N Funds (not including Vitamin A or INPF)</b>						
General Costs	21300000	2,472,335				25,308
Haiti/Central	21300001		2,364,648	11,725	2,376,373	
Niger I/Central	21300003		8,175	0	8,175	
Bolivia/Central	21300005		7,292	0	7,292	
Sudan/Central	21300007		308	0	308	
Jordan/Central	21300009		65	0	65	
Peru/Central	21300011		17,461	0	17,461	
FVA/CARE-CRS/Central	21300012		34,287	3,066	37,353	
Burkina/Central	21300014	10,771	9,970	0	9,970	801
Abidjan Wkshop/Central	21300020	21,675	14,018	0	14,018	7,657
Honduras/Central	21300027	9,583	9,583	0	9,583	0
Rapid/Central	21300039	74,636	74,636	0	74,636	0
		70,000	8,143	12,377	20,520	49,480
<b>Total R&amp;D/N (Other than Vitamin A and INPF)</b>		<b>2,659,000</b>	<b>2,548,586</b>	<b>27,168</b>	<b>2,575,754</b>	<b>83,246</b>
<b>II. R&amp;D/N Vitamin A Activities</b>						
General	2130001700	97,000	75,802	0	75,802	21,198
Niger II (Mini-Project)	2130001701	115,000	97,492	0	97,492	17,508
Mali	2130001702	53,000	52,493	0	52,493	507
FAO Workshop	2130001703	35,000	4,945	1,083	6,028	28,972
<b>TOTAL R&amp;D/N Vitamin A Activities</b>		<b>300,000</b>	<b>230,732</b>	<b>1,083</b>	<b>231,815</b>	<b>68,185</b>
<b>III. INPF Conferences</b>						
	21300018	200,000	199,891	0	199,891	109
<b>IV. Mission Funds</b>						
Haiti/Mission	21300002	39,996	29,490	0	29,490	10,506
Funds To Be Deobligated - Haiti		(10,506) *				(10,506)
Niger/Mission	21300004	61,733	56,669	0	56,669	5,064
Funds To Be Deobligated - Niger I		(5,064) *				(5,064)
Bolivia/Mission	21300006	15,685	0	0	0	15,685
Funds Deobligated - Bolivia		(15,685)				(15,685)

A	B	C	D	E	F	G
FUNDING SOURCE	PROJ #	OBLGD FUNDS 03/31/92	EXPENDITURES INVOICED 03/31/92	SPENT/ NOT INVOICED	EXPENDITURES 03/31/92 (D+E)	REMAIN FUNDS (C MINUS F)
Burkina/Mission	21300013	115,397 **	109,240	0	109,240	6,157
Burkina/Mission (Local Costs)	21300016	8,792 **	8,792	0	8,792	0
Honduras/Mission	21300026	671,613	416,440	11,255	427,695	243,918
Mali/Mission	21300031	50,000	49,830	0	49,830	170
Burkina/Mission II-	21300036	199,998	127,267	3,955	131,222	68,776
Mali/Mission II	21300038	300,000	90,156	5,068	95,224	204,776
<b>Total Mission</b>		<b>1,431,959 ***</b>	<b>887,884</b>	<b>20,278</b>	<b>908,162</b>	<b>523,797</b>
<b>V. Bureau Funds</b>						
<b>LAC Bureau</b>						
LAC/Breastfeeding Evaluation	2130001501	20,825	21,257	0	21,257	(432)
LAC/Breastfeeding Manual	2130001502	15,500	14,982	0	14,982	518
General Account	2130001500	3,675	3,761	0	3,761	(86)
<b>Total</b>	<b>21300015</b>	<b>40,000</b>	<b>40,000</b>	<b>0</b>	<b>40,000</b>	<b>0</b>
Guatemala/ROCAP	21300022	49,796	49,718	0	49,718	78
Funds To Be Deobligated - ROCAP		(78) *				(78)
Sudan/AFR Bureau I	21300008	99,763 +	99,763	0	99,763	0
Kenya/AFR Bureau I	21300033	34,337 +	34,093	0	34,093	244
Kenya/AFR Bureau	21300035	3,400 ++	3,168	0	3,168	232
Niger/Africa Bureau I	21300040	15,900 ++	2,404	3,393	5,797	10,103
Niger/Africa Bureau	21300024	83,864 ++	34,927	10,349	45,276	38,588
FVA/CARE-CRS	21300010	24,993	24,917	0	24,917	76
FVA/CARE II	21300037	19,750	10,900	4,144	15,044	4,706
Abidjan Wkshop/REDSO/WCA	21300019	105,000	104,920	0	104,920	80
Burkina/Africa Bureau	21300023	29,736	8,747	0	8,747	20,989
Swaziland/Africa Bureau	21300025	25,000 ++	24,953	0	24,953	47
Abidjan Workshop Follow-up/Africa	21300028	20,000	19,905	0	19,905	95
Mali/Africa Bureau	21300030	43,000 ++	42,732	0	42,732	268
Child Survival Init./Africa Bureau	21300034	500,000	298,350	15,709	314,059	185,941
<b>Total Bureau</b>		<b>1,094,461 +++</b>	<b>799,497</b>	<b>33,595</b>	<b>833,092</b>	<b>261,369</b>
<b>GRAND TOTAL</b>		<b>5,685,420</b>	<b>4,666,590</b>	<b>82,124</b>	<b>4,748,714</b>	<b>936,706</b>

\* Deobligation pending with A.I.D Contracts Office.

\*\* Total Burkina Mission buy-in is \$124,189; \$8,792 of this is local in-country costs (Project # 21-3000 16).

\*\*\* Total obligated mission funds (\$1,463,214) minus total deobligated and to-be-deobligated funds (\$31,255).

+ Original Sudan allocation was \$150,000; \$34,337 of unused money was transferred to Kenya, and \$15,900 to Niger.

++ Original Swaziland allocation was \$80,000; \$3,400 was transferred to Kenya, \$3,000 to Mali, and \$48,600 to Niger.

+++ Total obligated bureau funds (\$1,094,539) minus total to-be-deobligated funds (\$78).

	R&D/N (other than Vitamin A & INPF Conf.)	R&D/N Vitamin A	R&D/N INPF	MISSION	BUREAU	TOTAL
I. Obligations thru 03/31/92:	2,659,000	300,000	200,000	1,431,959	1,094,461	5,685,420
II. Expenses Invoiced thru 03/31/92	2,548,586	230,732	199,891	887,884	799,497	4,666,590
III. Funds Spent thru 03/31/92	2,575,754	231,815	199,891	908,162	833,092	4,748,714

Total Budget Ceiling = 8,420,506

% Obligated R&D/N Funds Invoiced thru 03/31/92 (not incl. Vitamin A & INPF)	95.85
% Obligated R&D/N Vitamin A Funds Invoiced thru 03/31/92	76.91
% Obligated Mission Funds Invoiced thru 03/31/92	62.00
% Obligated Bureau Funds Invoiced thru 03/31/92	73.05
% Invoiced Against Budget Ceiling thru 03/31/92	55.42

**APPENDIX B**

**NCP TRAVEL**

**January - March, 1992**

<b>TRAVELER</b>	<b>DESTINATION</b>	<b>DATE</b>	<b>COMMENTS</b>
C. FISHMAN	CAMEROON	2/3 - 2/13/92	P/N
C. FISHMAN	BURKINA FASO	2/14 - 2/22	P/N
P. GOTTERT	MALI	1/24 - 2/4	AED
P. GOTTERT	NIGER	2/5 - 2/7	AED
H. KONÉ	BURKINA FASO	2/14 - 2/22	AED
N. KEITH	NIGER	1/19 - 2/7	AED
N. KEITH	WASHINGTON	1/16-17	AED
V. UCCELLANI	BOLIVIA	1/8 - 1/22	AED
V. UCCELLANI	GUATEMALA	1/22 - 2/2	AED
J. MATA	PERU	2/9 - 2/22	AED
Z. SABRY	WASHINGTON	2/2 - 2/3	AED
Z. SABRY	WASHINGTON	3/14 - 3/16	AED
E. ABEL	WASHINGTON	2/2-2/3	FUTURES GROUP
E. ABEL	WASHINGTON	3/14-3/16	FUTURES GROUP
V. UCCELLANI	MEXICO	3/26 - 3/30	AED
V. UCCELLANI	NEW YORK	2/16 - 2/19	AED
V. UCCELLANI	RALEIGH, NC	1/2 - 1/6	AED
P. BODDY P. BODDY W. BODDY	TEGUCIGALPA - SANTA MONICA, CA (repatriation)	3/15	AED

**APPENDIX C**

**TRAINING EVENTS AND WORKSHOPS**

<b>DATES</b>	<b>NUMBER OF PARTICIPANTS</b>	<b>COUNTRY</b>	<b>DESCRIPTION OF ACTIVITIES</b>
January 17 - 21	16	Bolivia, Peru and Ecuador	Workshop in Bolivia for NGO training staff: "Learning Principles and Training Techniques Applied to Nutrition."
January 24 - 28	16	Guatemala, Honduras and the D.R.	Workshop in Guatemala for NGO training staff: "Learning Principles and Training Techniques Applied to Nutrition."
January 27 - 31	26	Niger	TOT workshop in Birni N'Konni on Vitamin A extension techniques for agriculture agents, teachers, and health workers from project area.
February/March (various dates)	50	Honduras	Training of regional health training teams in new technical areas, with component on breastfeeding education.

**APPENDIX D**

**SHORT-TERM TECHNICAL ASSISTANCE**

**January - March, 1992**

	Number of Weeks		Total Weeks of TA
	Staff	Consultants	
<b>I. AFRICA</b>			
<b>A. Regional</b> Gottert assisted in planning FAO Sahel Vitamin A communication workshops.  Burkhalter continued work on the research report of child feeding practices in Africa.	2.8		2.8
<b>B. Burkina Faso</b> Koné (c) prepared results of the baseline Nutrition KAP survey.  Fishman facilitated the Research Dissemination Conference and project TAG meeting.	1.1	1.0	2.1
<b>C. Mali</b> Gottert initiated planning for Training of Trainers and regional workshops and monitored progress of project activities.	.5		.5
<b>D. Niger</b> Gottert organized the program for the training of trainers workshops.  Keith (c) conducted the training of trainers workshop.	.5	3.0	3.5
<b>F. Cameroon</b> Fishman conducted needs assessment and planned scope of work for NCP technical assistance to CARE and MOH.	2		2

(c) = consultant

	Number of Weeks		Total Weeks of TA
	Staff	Consultants	
<b>II. LATIN AMERICA</b>			
<b>A. Regional</b>  Bender (c) designed evaluation for CARE subregional workshops: "Learning Principles and Training Techniques Applied to Nutrition".  Uccellani co-facilitated the two CARE workshops in Bolivia and Guatemala.	.5	3	3.5
<b>B. Honduras</b>  Baume (c) and Zeldin (c) completed report on the baseline evaluation of breastfeeding practices	1		1
<b>C. Peru</b>  Mata conducted follow-up evaluation of breastfeeding promotion activities and educational materials in 2 Lima hospitals.		2	2
<b>D. INCAP</b>  Booth (c) assisted INCAP develop a Strategic Communication Plan and modified week-long INCAP workshop on "Communication for Technology Transfer for Food, Nutrition and Health" to create a general training module.	.5		.5
<b>III. GLOBAL</b>			
<b>A. Society for Nutrition Education Conference</b>  Koniz-Booher (c) coordinated planning for two-day conference to be held in conjunction with the annual meeting of the Society for Nutrition Education.	2		2

(c) = consultant

	Number of Weeks		Total Weeks of TA
	Staff	Consultants	
<p><b>B. Nutrition Computer Model</b></p> <p>Sabry (c) and Hansch (c) conducted research for a Nutrition computer model and participated in planning efforts.</p> <p>Leader (c) and Pertschuk (c) assisted Sabry conduct literature searches.</p> <p>Pines (c) provided input to review the model.</p>	4.5		4.5

**APPENDIX E**

**DISSEMINATION THIS QUARTER**

<b>Name / Organization</b>	<b>Materials Provided</b>
	<b>Miscellaneous Materials</b>
Magda Fischer INCAP Guatemala	various technical documents on DMD
Patricio Barriga Peter Boddy NCP/Honduras	technical documents, articles, and publications on DMD, infant feeding/weaning, and breastfeeding.
Monica Ortega Federación de Desarrollo Comunitario Save the Children Bogotá, Colombia	background literature on NCP; draft of <i>Learning to Listen to Mothers</i> ; NCP publications list
Hospital de San Juan de Dios, Cali, Colombia	Spanish breastfeeding and nutrition educational materials
Dr. Patrice Engle Psychology and Human Development California Polytechnical State University San Luis Obispo, CA	background literature on NCP
Marilyn Prehm, Chair International Nutrition Virginia Polytechnical Institute and State University Blacksburg, VA	<i>Nutrition Promotion in Mali</i> presentation; Mali KAP research report
Aaron Buseh, Chicago, IL	background on various breastfeeding promotion campaigns and evaluations
Mission Neighborhood Health Center, San Francisco, CA	<i>Breastfeeding in Latin America: A Sampling of Promotional Materials</i>

Name / Organization	Materials Provided
<p>Monica Ortega  Federación de Desarrollo Juvenil  Comunitario  Save the Children  Bogotá, Colombia</p> <p>UNICEF/Haiti/Dominican Republic</p> <p>Juan Rosado Benites, Ministry of Health,  Peru</p> <p>Allison Langely, La Leche League,  Budapest, Hungary</p> <p><i>Organizations/individuals not from developing  countries, are charged \$10US for this publication:</i></p> <p>ICEA Breastfeeding Committee, Ontario,  Canada</p> <p>Red Deer Regional Health Unit, Alberta,  Canada</p> <p>City of Scarborough Resource Centre,  Ontario, Canada</p> <p>Western Newfoundland Public Health Unit,  Canada</p> <p>Academic Book Center, Portland, OR</p> <p>Marthe Douzet, Public Health Office, New  Brunswick, Canada</p> <p>Peter Haywood, University of Queensland,  Australia</p> <p>Nancy Mitchell, CNY Breastfeeding  Connection, Syracuse, NY</p> <p>North Bay and District Health Unit, North  Bay, Ontario, Canada</p>	<p><i>Media Promotion of Breastfeeding: A  Decade's Experience</i></p>

Name / Organization	Materials Provided
<p>Integrated Rural Nutrition Programme, Kawamba, Zimbabwe</p> <p>Clearinghouse on Infant Feeding and Maternal Nutrition, APHA, Washington</p> <p>Dadoune Messaoud, Laghouat, Algeria</p> <p>Faculté du Médecine, Université du Centre, Rep. of Tunisia</p> <p>Jorge Juan Wuest, Colegio San Felipe, Riobamba, Ecuador</p> <p>Plan International, Bamako, Mali</p> <p>Ana Maria Diaz la Torre, Hospital Zonal, Piura, Peru</p> <p>Caritas, Dominican Republic</p>	<p><i>Sur le Chemin de la Santé</i></p>
<p>Centre Canadien d'Etude et de Cooperation Internationale, Montreal, Canada</p> <p>Monique Cohen, WID</p> <p>Monica Ortega Federación de Desarrollo Juvenil Comunitario Save the Children Bogotá, Colombia</p>	<p><i>Comuniquémonos, Ya</i></p>
<p>Allison Alden, PRITECH</p>	<p><i>Communication for Vitamin A: Field Research in Macina</i></p>