

PD-AAN-926

TRIP REPORT, EGYPT NUTRITION CRSP

Cairo, Egypt - September 3 through September 29, 1983

By

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I. PURPOSE

This trip was undertaken for the following three reasons:

- A. To participate in the Egypt Nutrition CRSP Workshop I at the Nutrition Institute, Cairo, on September 6, 7, and 8.**
- B. To finalize data collection instruments, methodologies, and protocols for household demography and socioeconomics, individual and household sanitation and hygiene, child-care and case studies.**
- C. To assist in developing and implementing procedures for training fieldworkers in Phase II data collection techniques.**

II. ITINERARY

- Saturday, September 3:** Departure from Kansas City to Cairo via New York.
- Sunday, September 4:** Arrived in Cairo with a stop in Rome.
- Monday, September 5:** Orientation to Cairo and the Nutrition Institute.
- Tuesday, September 6:** Egypt Nutrition CRSP Workshop I - Day 1.
- Wednesday, September 7:** Egypt Nutrition CRSP Workshop I - Day 2, and Senior Scientists' Working and Discussion Group. Topics included changed Phase II research design, non-core research, sampling design and data management, field logistics and coordination of research activities. Meeting with Dr. Hekmat Aly and Dr. Norge W. Jerome to discuss the Activity Record instrument and manual, and other case study instruments. It was decided that child-care activity and general activity manuals and instruments should be translated into Arabic and an additional instrument would be developed, the "Household Frequency of Activity Record".
- Thursday, September 8:** Meeting with Dr. Hekmat Aly and Dr. Norge W. Jerome to discuss child-care instruments and manual and the coordination of food intake and anthropometry field activities with child-care and case study field activities. Egypt Nutrition CRSP Workshop I - Day 3. Closing Remarks.
- Friday, September 9:** Day of Worship and Holiday
- Saturday, September 10:** Meeting with Dr. Hekmat Aly and four social workers to answer questions about child-care and general activity data collection instruments and to clarify instructions on their use.
- Sunday, September 11:** Site visit to Kalama with Drs. Gail Harrison, Avanelle Kirksey, Hafez Ismail, Abdul Wahab El-Naggar, and Ms.

Beverly Beaton. Renovation plans for the physician's house and CRSP research facility were discussed.

- Monday, September 12:** Meeting and discussion with Dr. Hekmat Aly on field implementation procedures for the Activity Record and problems encountered during the translation of the manual into Arabic. Developed the "Household Frequency of Activity Record". This meeting was followed by the U.S. Senior Scientists Meeting. Human Subjects approval and the Publications Agreement were discussed.
- Tuesday, September 13:** Site visit to Kalama with Dr. Norge W. Jerome, Dr. Amin Abdou, Beverly Beaton, and eleven social workers to pretest the sociodemographic instrument on eleven Kalama households. Later at the Nutrition Institute, the survey instruments were reviewed to assess level of data collector accuracy and reliability. The instrument was modified to eliminate problems that were encountered during the pretest.
- Wednesday, September 14:** Egypt Project meeting to discuss research activities and field requirements for the month of October. This meeting was followed by another with Dr. Norge W. Jerome to discuss sociodemographic data collected during the pretest and possible strategies for implementing a fieldworker training program to increase Phase II data reliability.
- Thursday, September 15:** Meeting with Dr. Norge W. Jerome, Dr. Amin Abdou, Beverly Beaton and social workers to discuss methods for facilitating the collection of sociodemographic data. This meeting was followed by another with Dr. Norge W. Jerome, Dr. Saneya Wahba and Beverly Beaton to discuss prospects for a training program in Phase II data collection techniques (interviewing and recording) for all fieldworkers.
- Friday, September 16:** Day of Worship and Holiday
- Saturday, September 17**
to
Tuesday, September 20: Nutrition Institute closed for Muslim Feast, Eid Al Adha (Courban Bairam). Redesigned case study instruments.
- Wednesday, September 21:** Meeting with Dr. Norge W. Jerome to discuss revision of case study instruments.
- Thursday, September 22:** Continued revision of case study instruments.
- Friday, September 23:** Day of Worship and Holiday
- Saturday, September 24:** Meeting with Dr. Norge W. Jerome to discuss revision of case study instruments. Meeting with Dr. Cheryl

Ritenbaugh to discuss the design of a food intake instrument and a "change in activity" instrument to be used in the morbidity protocol.

Sunday, September 25: Revision of case study instruments. Egypt Project meeting to discuss field logistics and the need for a fieldworker training program. It was unanimously decided that a training program is imperative and a general data collector orientation meeting was scheduled for Sunday, October 2 at 9:00 am.

Monday, September 26
to

Wednesday, September 28: Final revision of case study instruments.

Thursday, September 29: Departure from Cairo.

Saturday, October 8: Arrival in Kansas City.

III. ACCOMPLISHMENTS

The three objectives of this trip were largely accomplished. The Egypt Project Workshop was a highly successful and productive synthesis of Phase I Egypt Nutrition CRSP research activities. A strong collaborative effort was apparent between U.S. investigators and their Egyptian counterparts. Workshop presentations and subsequent discussions generated important implications and applications of Phase I research results to Phase II research strategy.

Instruments for obtaining data on household demography and socioeconomics, sanitation and hygiene, child-care activities, and community socio-cultural patterns, i.e. case studies, were significantly modified based on the results of feasibility pilot studies, preliminary ethnography and decisions on Phase II research design and methodology made during the Egypt Nutrition CRSP Workshop I. All instruments for obtaining these data have been finalized. They are as follows:

A. Household Sociodemographic Survey Instrument (all core households)

1. Household Census Form
2. Housing Characteristics and Domestic Assets
3. Durable Household Equipment
4. Household Agricultural Activities and Farm Assets
5. Brief Reproductive Histories

B. Sanitation and Hygiene Instruments (all core households + 30 non-core households)

1. Household Sanitation and Hygiene - Observational Protocol
2. Household Sanitation and Hygiene - Interview Protocol
3. Individual Sanitation and Hygiene - Observational Protocol

C. Child-Care Activity Instruments (all core households)

1. Frequency of Child-Care Activities Record
2. Narrative Record on Child-Care Activities

D. Case Study Instruments (30 non-core households)

1. Activity Record
2. Household Frequency of Activity Record
3. Role Expectations and Role Classification
4. Patterns of Food Processing
5. Food Exchange and Sharing (Interhousehold Food Distribution)
6. Patterns of Intra-Family Food Distribution
7. Food Storage
8. Infant and Child Feeding Patterns
9. Waste Disposal
10. Acquisition and Use of Water
11. Household Expenditure Patterns
12. Nature of Family Assets/Savings
13. Patterns of Social Interaction within the Household
14. Patterns of Communication with Local and Distant Communities
15. Significant Life Events
16. Human-Animal Association
17. Presence or Absence of Safety Hazards and Protection of Children from Danger - Observation Protocol
18. Patterns of Illness Care
19. Illness and Disease Prevention/Health Maintenance
20. Illness and Disease Classification System - Treatment

Dr. Hekmat Aly was trained in the use of both child-care instruments and the general activity instrument. She expressed her extreme willingness to assume the field responsibility, for both the child-care and case study sectors of Phase II Egypt Nutrition CRSP research. These responsibilities include translating all instruments and manuals, training the social workers in reliable (95% accuracy) data-collection techniques, monitoring field activities, troubleshooting, and reviewing data before processing in Kansas.