M E H A R R Y M E D I C A L C O L L E G E

International Center for Health Sciences

Nashville, Tennessee

Fourteenth Semi-Annual Report

January - June 1978

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I. ADMINISTRATIVE DEVELOPMENTS

A. Overview

This is the fourteenth semi-annual report submitted by the International Center for Health Sciences (ICHS). In keeping with the broadening scope of the facility its name has been changed from the Maternal and Child Health/Family Planning, Training and Research Center, to the International Center for Health Sciences. The report covers the period of January 1, 1978 through June 30, 1978. This time frame has been a very exciting period for ICHS, highlighted by a number of important events: a new director (Appendix B); the planning and implementation of both the twelfth Maternal Child and Family Planning (MCH/FP) Training Program, and the fourth International Nutrition Planning Workshop; visits to ICHS by a number of distinguished visitors from the United States and from foreign lands (Appendix C); and by members of the ICHS staff attending various professional meetings, symposia and workshops.

The International Center for Health Sciences has also become more involved on the local level, establishing linkages with a number of Nashville agencies and State public clinics, for example, South Street Community Center, Grace Eaton Day Home, Cayce Homes Community Center, and the East Nashville Youth Health Center.

Since the departure of the last group of workshop participants the ICHS staff has been engaged in revising the curriculum, drawing upon evaluative inputs and recommendations of the most recent participants. A questionnaire sent to Ministries and supervisors of former participants trained at ICHS, and to the participants themselves, should provide additional information which will facilitate curriculum revision as needed, as well as aid in program evaluation. As a forerunner to the questionnaires (which are sent out) participants at the conclusion of each training session evaluate the session.

Within the last six months, the ICHS has made definite progress towards becoming an intricate part of Meharry Medical College international activities. Staff members have been expanding their knowledge in several health areas to meet the intellectual challenges of the future and hope to play a broader role with Meharry personnel during this period. The professional staff has received requests from various departments to lend their language skills and African experiences to assist in developing new programs and drafting new proposals. In addition, efforts to recruit new staff personnel is continuing, especially in the areas of Health Education, Nutrition and Family Planning.

B. Personnel and Staff Changes

The Center has experienced major changes in the administrative staff during this period. A new program director, Dr. Gladys Hardy, and a new assistant administrator, Herbert Hobson, succeeded Mr. Leo Sam and Mrs. Juarezetta Bass respectively. Dr. Hardy comes to the Center with broad experiences in teaching, administration, French language capabilities, and grant writing skills.

Staff changes -- Outgoing: Mr. Leo F. Sam, Interim Director; Mrs. Juarezetta Bass, Assistant Administrator; Edward Hills, M.D., Clinical Director; Ms. Sybil Thompson, Nutritionist. Incoming: Gladys Hardy, Ph.D., Director and Mr. Herbert Hobson, Assistant Administrator.

C. Support

As in the past, support from other campus units has been tremendous. The International Center for Health Sciences has been fortunate during this period to have available a wide selection of Meharrians to serve as consultants and lecturers. The Department of Obstetrics and Gynecology contributed greatly to the Family Planning Program; as did the Department of Pediatrics and the Department of Family and Community Medicine. In the interim lasting professional relationships have been developed between the ICHS and staff members from other departments.

1. Meharry Support Personnel

Dr. Harold O. Bernard, Obstetrician, Department of Obstetrics and Gynecology.

Dr. Deborah Bib, Pediatrician, Department of Pediatrics.

Dr. Alfreda Blackshear, Pediatrician, Department of Pediatrics.

Dr. Elijah Carter, Obstetrician, Department of Obstetrics and Gynecology.

Dr. James Davis, Director, Sickle Cell Project.

Dr. Ruth Dennis, Director of Research, Department of Psychiatry.

Dr. Rose Evans, Pediatrician, Department of Pediatrics.

Dr. Leslie Falk, Chairman, Department of Family and Community Medicine.

Ms. Bettye Jeanne Forrester, Campus Coordinator, Botswana Project.

Ms. Eleanor Grier, Medical Technologist, Department of Pathology.

Dr. Ik Han, Pediatrician, Department of Pediatrics.

Dr. Thomas W. Johnson, Dermatologist, Department of Internal Medicine.

Dr. Bhag Kemwar, Director of Data and Statistical Reports, Matthew Walker Health Center.

Mr. Maurice Knuckles, Environmentalist, Department of Family and Community Medicine.

Mr. Oscar Manigo, Jr., Employee Relations Counselor, Department of Personnel.

Dr. Gail Mattox, Pediatrician, Department of Pediatrics.

Dr. William Neser, Epidemiologist, Department of Family and Community Health.

Dr. Bonita Settle, Pediatrician, Department of Pediatrics.

Dr. Martin Sherrill, Pediatrician, Department of Pediatrics.

Dr. Adolwa Steel, Pediatrician, Department of Pediatrics.

Dr. Lionel Willoughby, Pediatrician, Department of Pediatrics.

Dr. Doris Wright, Pediatrician, Matthew Walker Health Center.

II. TRAINING GIVEN

A. Maternal Child Health/Family Planning

The program of study in the Maternal and Child Health/Family Planning Training session is geared to the professional nurse and nurse-midwife. The length of the program of study is approximately 18 weeks. It is divided into four phases: Overview of Integrated Maternal and Child Health and Family Planning; Didactic or Classroom Work--including laboratory and one-day visits to family planning clinics and other health facilities; Clinical or Fieldwork Experience; and Evaluation.

During the first phase, the Overview, the participants are introduced to ideas and concepts in Maternal and Child Health/Family Planning. This portion of the course surveys world Maternal and Child Health/Family Planning services, evaluates their quality, their training experiences, and their relations to other health services.

The Didactic or Classroom phase covers such things as: theory of Maternal and Child Health/Family Planning; nutrition in maternal and child health; general pediatrics and well child care; laboratory diagnosis; population dynamics; principles of epidemiology; health education; environmental health; health care planning and administration; and development of new allied health manpower.

The Clinical and Fieldwork phase is designed to sharpen the individual's skills in applying the knowledge gained earlier in the courses. The clinical practice falls into two categories: Maternal and Child Health/Family Planning; and Pediatrics and Well Child Care. The "nurse practitioner" concept, along with clinical skills in family planning, physical diagnosis and treatment, is emphasized.

The Evaluation phase is a one-week exercise in which each participant is asked to evaluate the knowledge and skills gained during the program of study.

The Twelfth Maternal and Child Health/Family Planning session, which occurred during the period of this report, was held in Nashville between February 27, 1978 and June 30, 1978. The program was held in the facilities at the International Center for Health Sciences and was attended by 16 participants from various African countries.

Their names and countries of orgin are:

Maternal and Child Health/Family Planning
From February 1978 to June 1978

	Name	Country	Position
1.	Vivian Lamptey	Ghana	Senior Nursing Officer
2.	Phethelli Peete	Lesotho	Nursing Sister
3.	Leona Massey	Liberia	Senior Staff Midwife
4.	Clarisa W. Coker	Nigeria	Nursing Sister
5.	Titilola O. Epega	Nigeria	Principal Health Sister
6.	Margaret Sorungbe	Nigeria	Nursing Sister
7.	Maisy George	Sierra Leone	Midwifery Sister
8.	Lilly Macauley	Sierra Leone	Community Health Sister
9.	Beauty Masuka	Swaziland	Staff Nurse
10.	Gloria Zwane	Swaziland	Staff Nurse
11.	Amy Maeda	Tanzania	Health Educator, Family Planning
12.	Rose Mapunda	Tanzania	Nurse Midwife/MCH Coordinator
13.	Jane-Subila Munthali	Tanzania	Nurse Midwife
14.	Lillian Millapo	Zambia	Nurse Midwife
15.	Grace Mwila	Zambia	Nurse Midwife
16.	Ellenia Tembo	Zambia	Nurse Midwife

The session ran smoothly, the only problem developing is that a few of the participants became ill. Some of the illnesses were expected, such as malaria relapse, flu and intestinal problems. However, three of the par-

ticipants were hospitalized. Mrs. Mapunda and Mrs. Epega were hospitalized at Meharry for short periods of times for hypertension; Mrs. Lilly McCauley spent a prolonged period of time--some of it intensive care--for both acute hypertension and possible congestive heart failure. This suggests that both AID and the International Center for Health Sciences might in the future be more stringent in requiring comprehensive health evaluations of prospective participants.

As with the previous three training sessions, the participants of this session received their major training in the Nashville area. The International Center of Health Sciences continues to enjoy the cooperation of various departments of the College and other clinics in the Nashville area in providing clinical sites. Clinical supervision of students has continued to improve through the teamwork of the International Health Center for Health Sciences director and the two staff nurse practitioners (one MCH/FP Practitioner and one Pediatric Nurse Practitioner).

One of the highlights of the training sessions has been the rural health experience in the form of field trips. The present class traveled to Marianna, Arkansas and Mound Bayou, Mississippi. These field trips provided an opportunity for participants to tour rural clinical facilities and to confer with functioning nurse practitioners

and nurse midwives. Additionally, participants were permitted to accompany a public health nurse and physical therapist during a few home visits. Rural sites were selected in light of the fact that, in many respects, the sites resemble small health care facilities in Africa.

The Maternal and Child Health training program has been enhanced by the expansion of course content. Topics including pediatric cardiology, pediatric neurology, and primary care in the ambulatory setting were among the most recent lecture additions. Also, the scope of the epidemiology course has been broadened to include population dynamics, and social and cultural aspects of health.

Two highly successful training workshops were presented to the participants by clinical staff and numerous consultants. The correlation between oral contraceptives and cervical dysplasia was presented in a Family Planning Workshop. This included a discussion of Pap smear techniques and implementation of routine Pap smear screening in clinical evaluation of women in Africa.

The second workshop, Child to Child, was based upon a program from the Institution of Child Health in London. The goal of this London program was to use the services of the school child to help the healthy development of the preschool child.

The addition of participant assignments to pediatric hospital rounds, weekly, and perinatal mortality rounds, monthly, has been another highlight of training. Also, clinical staff provided weekly "help sessions" for participants who expressed a desire for extra assistance with clinical assignments.

Grade reports of the participants were above average. The exchange of information between staff and participants continues to offer not only high quality lectures, but also enlightening clinical experiences.

In addition to Meharry staff and faculty, a number of outside consultants were used on a part-time basis, giving MCH/FP related lectures and clinical sessions as needed. They were:

Dr. Robert Boucek, Pediatric Cardiologist, Department of Pediatrics, Vanderbilt University.

Mr. Jason Calhoun, Health Service Consultant, Olney, MD.

Ms. Berdell Campbell, Health Educator, Department of Health, Nashville, TN.

Dr. Amos Christie, Pediatrician, Department of Pediatrics, Vanderbilt University.

Dr. James Croushorn, Assistnat Professor, School of Social Work, University of Tennessee.

Dr. Thomas Graham, Pediatric Cardiologist, Department of Pediatrics, Vanderbilt University.

Dr. Georgia Mantouris, Neurologist, Department of Neurology, Vanderbilt University.

Ms. Perry McDonald, Health Educator, Planned Parenthood Association of Nashville.

Dr. Kenneth Whitaker, Obstetrician, Planned Parenthood Association of Nashville.

B. Nutrition Planning Workshop

During this workshop participants learn to analyze national and local food situations; to draw the right conclusions from the available data; to point out the existing constraints; and to work out alternative solutions at each level. This is achieved through a curriculum that emphasizes the practical experiences of the faculty and participants with a minimum of pure theoretical teaching. Case studies and applied problem-solving techniques are employed in an effort to pool the experiences that all participants have had in their own countries. This enables the participants, wherever possible, to compare similar situations and to gain from their colleagues' experiences with successful and unsuccessful interventions. Emphasis is placed on interventions at the community level. As with the MCH/FP training session, the Nutrition Planning Workshop also has an evaluation phase, in which each participant is asked to evaluate the knowledge and skills gained during the program of study (see Appendix D).

The Fourth International Nutrition Planning Program was held in Monrovia, Liberia, between February 20 and March 10, 1978. The workshop was attended by twenty (20) participants from various African countries. Their names and countries of origin are as follows:

Mrs. Anna E. Addy, Nutrition Officer	Ghana
Mr. Jacob G. Armah, Assistant Nutrition Officer	Ghana
Mr. Dereje Asrat, Senior Statistician	Ethiopia
Mrs. Maude Dennis, Home Economist	Liberia
Miss Julie Fraser, Project Development Officer	Niger
Mrs. Mabel E. Hill, Director, Division of Home Economics, Education, Training & Women's Work	Liberia
Mrs. Frances T. Jinlack, Assistant Director, Family Health Division	Liberia
Miss Maria Y. Johnson, Nutrition Advisor	Liberia
Miss Neheng Jonathan, Chief Nutrition and Home Economics Officer in Nutrition	Lesotho
Miss Lois Kagwe, Provincial Nutritionist	Kenya
Mr. Yemane Kidane, Social Worker	Ethiopia
Miss Martha Koker, Nutrition Advisor	Liberia
Mrs. Aa Mopeli, District Community Development Officer	Lesotho
Miss Ihsan M. Morgan, Maternal Child Health Nutrition Liaison Officer to Catholic Relief Services	Sudan
Mrs. Nancy Nah, Chief Dietitian	Liberia
Mrs. Evangeline C. Norman, Nutritionist	Liberia
Dr. Ali K. Osman, Chief, Nutrition Division	Sudan
Mrs. Celestina M. Phafane, Director of the National Nutrition Coordinating Office	Lesotho
Mrs. Mary Rongomas, Acting Deputy Chief Nutritionist	Kenya
Miss Edith B. Scott, Nurse-Midwife	Liberia

The goals of this three-week workshop were: 1) to strengthen the multi-sectoral nutrition planning capabilities of sub-Saharan

governments at the regional and national level; 2) to enhance analytical skills in the interpretation and utilization of nutrition data using the recent Liberian nutritional survey as a model; and 3) to increase the awareness among African policymakers of the importance of the role of nutrition in the overall development of the country.

Lecturers, consultants and participants from seven (7) African countries explored problems associated with nutrition planning, interventions and evaluations. All of the participants were involved in nutritional or health related programs within various areas of their governments.

The content of the workshop was divided into three weeks. At the beginning of the workshop, participants were given a pre-evaluation instrument to assess their expectations of the workshop and to assist Meharry in determining the extent to which their expectations had been met upon completion of post-evaluation forms at the end of the workshop.

During the first week of the workshop, consultants and lecturers used the national Liberian Survey as a model to direct attention to survey techniques and the assessment of nutritional status; to the collection of dietary data; and to the interpretation of clinical data, clinical and sub-clinical signs of malnutrition, and infection and nutrition in times of disaster. So keen was the interest in nutrition and disaster that time was made available during the second week for a presentation by Mr. Dereje Asrat of

Ethiopia on the subject matter.

The second week of activities was devoted to nutrition planning, the nutrition system, the planning process, practical evaluation problems and two field trips. All lectures and discussions included some mathematical computations based on cost/benefit analysis. The core techniques of nutrition planning were also reviewed with emphasis on practical examples. Accompanying these discussions was a cost/benefit analysis assignment on nutrition planning.

The two field trips were taken to provide some exposure to teaching techniques utilized by persons in the nutrition field. The first field trip was a visit to the faculty of the department of Home and Community Development, University of Liberia, to observe and interact with persons trained in home economics and nutrition at the diploma and degree levels. A trip was also made to a village to observe low income families who are being taught the basics of homemaking child-care, food preparation and sanitation.

During the third week of the workshop, attention was directed to nutrition planning and interventions in agriculture. Topics included rural development and rural health interventions; cultural considerations; food research and technology interventions; community organi-

zation as an intervention; and water and sanitation interventions.

The activities of the third week enhanced the ability of participants to recognize the role of agriculture in determining the nutritional status of a given community, region or nation. The lectures and discussions also assisted in the creation of an awareness of the significance and importance of agricultural research training and extension activities as interventions in reducing malnutrition.

A summary of the evaluation responses suggests that all participants gained some knowledge and skills in the areas covered and particularly in the area of nutrition planning. The staff's overall evaluation of the workshop was positive. Aside from some minor problems which included the late arrival of some of the participants due to ticketing problems, dissatisfaction by the participants with per diem allowances, housing, and the cancellation of four selected participants, the workshop flowed smoothly.

In spite of the minor problems, there were a number of positive factors concerning the workshop. First, the workshop provided a forum where the nutritional problems that exist in seven African countries could be explored, compared and evaluated; second, the use of the recent Liberian National Nutrition Survey as a model afforded

the participants the opportunity to gain insight into intervention strategies that would assist in the elimination or reduction of specific nutritional problems. So keen was the interest generated by this model, that at the end of the workshop, a suggestion box was placed in the lecture hall at the request of the Honorable Minister of Health and Social Welfare for suggestions with respect to improvements in the Liberian Nutrition Programs.

Many of the participants were also interested in a mechanism for follow-up activities and when possible, the provision of direct technical assistance. In connection with this, each participant was encouraged to keep in touch with ICHS through correspondence and to submit requests for technical assistance.

A central theme throughout the workshop was that a real need exists for the coordination of all nutrition efforts which should include all ministries of the respective countries. It is recognized that all of these governmental agencies must bring their forces to bear on the problems and that nutrition should gain a high status level in government organizational structure with the development of a national nutrition policy.

In addition to Meharry staff and faculty, a number of outside consultants provided support to the workshop in

their respective areas of nutritional expertise.

They are:

Ozie Adams, Ph.D., Professor, Tennessee State University, Nashville, TN

Wilfred Boayue, M.D., Chief Medical Officer, Ministry of Health and Social Welfare, Monrovia, Liberia

Kate, Bryant, M.D., Pediatrician, Ministry of Health and Social Welfare, Monrovia, Liberia

Emmett Dennis, M.D., Director, Liberian Institute for Biomedical Research, Monrovia, Liberia

Ellen Johnson-Sirleaf, Assistant Minister of Finance, Monrovia, Liberia

Paul Mertens, M.D., USAID Coordinator, Lofa County Health Project, Monrovia, Liberia

Nancy Nah, Dietitian, Ministry of Health and Social Welfare, Monrovia, Liberia

James Pines, Vice President, Transcentury Foundation, Washington, D.C.

III. STAFF ACTIVITIES

As in the past, the Center is continuing to encourage staff members to strengthen their professional expertise by attending various workshops and seminars. This part of the program is especially important, since it exposes staffers to new ideas and techniques relevant to maternal child health and family planning.

By using this method, staffers and student participants are using only the latest scientific data. An itemized list of staff activities for this period follows.

STAFF ACTIVITIES

Name	Date	Location	Activity/Place Visited	Purpose
Evelyn Hargett	May 5 to May 9	San Diego California	Society of Teachers for Family Medicine	To develop skills in student information feedback systems
	May 25 to May 29	Houston Texas	Southern Association of Community Health	To present a paper entitled "The Nurse Practitioner and New Rural Health Systems".
	June 16 to August 19	Ivory Coast	To attend the Phelphs-Stokes Ethnic Heritage Seminar in Africa	To visit selected Clinical Sites as an observer of Family Planning Facilities.
Pearline Gilpin	April 31 to May 7	Phoenix Arizona	American College of Nurse Midwives Annual Convention	To expand teaching skills and knowledge in Nurse-Midwifery
	May 10 to May 24	Gaborne Botswana	Botswana	Served as a member of an Evaluation Team in initiate the phasing-out process of the Botswana Project and participate in discussions regarding future directions for MCH/FP/PH in Botswana

Staff Activities

Name	Date	Location	Activity/Place Visited	Purpose
Dr. Gladys Hardy	March 1	Washington, D.C.	U. S. State Department	To discuss the first draft of the 211-d proposal.
	May 1-4	Washington, D.C.	U. S. State Department	To participate in a meeting on the planning and development of the 211-d program grant proposal for four minority health science institutions held at the Department of State.
Joan Jones	January 30 to January 31	Marianna Arkansas Mound Bayou Mississippi	Clinical Site Visit	Observation of U.S. nurse practitioners and nurse midwives in active practice.
	April 14 to April 15	Gatlinburg Tennessee	Regional Conference for Primary Care Nurse Practitioners	To identify and examine issues affecting primary Care Nurse Practitioners.
	June 26 to June 27	Mound Bayou Mississippi	Clinical Site Visit	To compare and contrast U.S. rural health services with those in urban areas.
	July 18 to July 20	Atlanta Georgia	H.E.W. Instructional Skills Workshop for Health Professionals	To teach instructors of health sciences students how to teach interpersonal skills to others.

MEHARRY MEDICAL COLLEGE
OFFICE OF THE CONTROLLER
August 15, 1978

Mr. William Pinkney
Financial Review Division
Agency for International Development
Washington, D.C. 20523

SUBJECT: Financial Review Grant NO. AID/afr-c-1342

Dear Sir:

Attached is the "NO PAY VOUCHER" (SF 1034a) No 7 and the Fiscal Reprot required by Grant No. AID/afr-c-1342 of the Maternal Child Health/Family Planning, Training and Research Center of Meharry Medical College.

If additional information is required, please contact my office.

Very truly yours,

Dave Neal III

Dave Neal, III
Grants & Contract Administration

cc: Mr. Gerald P. Gold
Mr. Michael Kenyon
Mrs. Jennette Carson
Dr. Gladys Hardy

1005 EIGHTEENTH AVENUE, NORTH • NASHVILLE, TENNESSEE 37208 • TELEPHONE 615-327-6390

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Standard Form No. 1034
7 GAO 5000
1034-110

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION	DATE VOUCHER PREPARED	VOUCHER NUMBER
Department of State Agency for International Development 320-22nd Street N. W. Washington, D.C.	August 15, 1978	7
	CONTRACT NUMBER AND DATE AID/afr-c-1342	PAID BY
	REQUISITION NUMBER AND DATE	

PAYEE'S NAME AND ADDRESS
Meharry Medical College
Maternal and Child Health/Family Planning
Training and Research Center
1005-18th Avenue North, Box 69-A
Nashville, Tennessee 37208

DATE INVOICE RECEIVED

DISCOUNT TERMS

PAYEE'S ACCOUNT NUMBER

SHIPPED FROM | TO | WEIGHT | GOVERNMENT B/L NUMBER

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT (1)
		Operating costs for May 1 - June 30, 1978 (See Attached Fiscal Report) "I hereby certify that amounts invoiced herein do not exceed the lower of (1) the contract price or (2) maximum levels established in accordance with excutive order 11615, August 15, 1971." Dave Neal Dave Neal, Director				$46,523
					TOTAL	$46,523

(Use continuation sheet(s) if necessary) (Payee must NOT use the space below)

PAYMENT: ☐ COMPLETE ☐ PARTIAL ☐ FINAL ☐ PROGRESS ☐ ADVANCE

APPROVED FOR =$ | EXCHANGE RATE =$1.00 | DIFFERENCES

BY [2]

TITLE

Amount verified; correct for

(Signature or initials)

Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment.

(Date) (Authorized Certifying Officer) [2] (Title)

ACCOUNTING CLASSIFICATION (Appropriation symbol must be shown; other classification optional)

PAID BY

CHECK NUMBER ON TREASURER OF THE UNITED STATES | CHECK NUMBER ON (Name of bank)

CASH DATE | PAYEE [3]

PER

TITLE

[1] When stated in foreign currency, insert name of currency.
[2] If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title.
[3] When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.

* GPO : 1983 O-455-231-3-C

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FISCAL REPORT

Meharry Medical College
Maternal and Child Health/Family Planning
Training and Research Center
(AID_ afr_c_1432)

Line Item#	Line Item	Budget 2/01/77 7/31/78	Actual Expenditures 5/01/78 6/30/78 THIS PERIOD	2/01/77 6/30/78 TO DATE
1	Salaries & Wages	$175,805	$ 17,446	$190,976
2	Fringe Benefits	13,031	2,006	20,867
3	Consultant	121,200	9,586	26,251
4	Travel & Transportation	57,044	687	15,899
5	Participants Cost	317,220	9,859	294,163
6	Equipment Cost	5,770	163	163
7	Other Direct Cost	30,188	2,677	18,540
8	Indirect Cost	54,742	4,099	44,880
	Total	$775,000	46,523	$611,739

The undersigned hereby certifies (1) payment for the sum claimed under the cited grant is proper and due that appropriate refund to AID in the terms of the grant; (2) that information in the fiscal report is correct and such detailed information as AID may require will be furnished at Grantee's home office or base as appropriate, promptly to AID on request.

Dave Neal III

Dave Neal, III Grants & Contract Administration

A P P E N D I C E S

APPENDIX A

THE INTERNATIONAL CENTER FOR HEALTH SCIENCES STAFF

JANUARY 1978 - JUNE 1978

1.	Dr. Gladys Hardy	Project Director
2.	Herb Hobson	Assistant Administrator
3.	Ms. Pearline Gilpin	MCH/FP Unit Chief and Nurse Practitioner
4.	Ms. Joan Jones	Pediatric Nurse Practitioner
5.	Evelyn Hargett	Nurse Practitioner
6.	Jacquelin Nance	Administrative Secretary
7.	Ophia Witherspoon	Secretary
8.	Sadie Grant	Secretary
9.	Mary Lewis*	Family Nurse Practitioner
10.	Leo Sam*	Interim Director
11.	Juarezetta Bass*	Assistant Administrator

*No longer with the International Center for Health Sciences

APPENDIX B

NEW STAFF VITAE

Dr. Gladys Hardy, Director

Mr. Herb Hobson, Assistant Administrator

Edward R. Hills, M.D.

Mrs. Joan Jones, R.N., P.N.P

September, 1978

NAME: Gladys Hardy
ADDRESS:

TELEPHONE:

BIRTHDATE:
MARITAL STATUS:

EMPLOYMENT HISTORY:

1978 - Present	Director, International Health Center, Meharry Medical College Nashville, Tennessee
1977	Chairperson, Research Sequence, Graduate School of Social Work, The University of Tennessee, Nashville, Tennessee
1976 - 1977	Assistant Professor, research, statistics, program evaluation, health planning, and social aspects of illness. Graduate School of Social Work, The University of Tennessee, Nashville, Tennessee
	Assistant Professor, health services research, Meharry Medical College, Department of Community Medicine, Nashville, Tennessee
	Consultant, Veterans Administration Hospital
1974	Consultant, gransmanship and staff development, UCLA
1973 - 1974	Director of Social Services Program, The University of New Haven, New Haven, Connecticut
	Assistant Professor, Social Policy, Fieldwork Instruction, The University of New Haven, New Haven, Connecticut
1971 - 1974	Consultant, Social Service Agencies

1972 - 1973	Special Assistant to Executive Director of Human Services and Model Cities. Office of Human Services, City Hall, New Haven, Connecticut
1970 - 1972	Director, Practicum Program, Fisk University, Nashville, Tennessee
1969 - 1970	Special Assistant to Deputy Director, Department of Development and Planning, Chicago, Illinois

EDUCATION:

1974 - 1976	University of California, Los Angeles, California, Doctorate in Health
1968 - 1970	University of Chicago, Chicago, Illinois Master's in Social Policy and Administration
1966 - 1968	Alma College, Alma, Michigan Bachelor's in French
1968	Merrill-Palmer Institute, Detroit, Michigan
1966 - 1967	Alliance Francaise, Paris, France Diploma
1964 - 1965	South Carolina State College, Orangeburg, South Carolina

SUMMARY OF PROFESSIONAL EXPERIENCE:

Administrative: Director, International Health Center, Meharry Medical College, Nashville, Tennessee. Responsibilities include: 1) general program administration, initiating, organizing, motivating, communicating, and coordinating the combined efforts of programs in the Center; 2) development of the project, designs and drafts and revise PPPs, PROPS; 3) evaluating audit report findings on projects and participating in decisions on corrective actions; 4) preparation of project status reports and budget projections; 5) assurance that all AID financial or sponsored activities are carried out in conformity with applicable U.S. legislation and AID policies, regulations and procedures and is in harmony with U.S. AID and other donor country policies; 6) coordinating with the pertinent offices of the USAID

mission; 7) participating in multi-donor coordination on assigned project and related activities; 8) analyzing the needs of African countries for various medical care services in order to make recommendations for courses and training to accomodate these needs; 9) encouraging and facilitating communication and coordination within African government between health educators and health advisors and others in health programs; 10) maintaining continuous evaluation of program activities and plans for interdepartmental exchange of information, research, curriculum planning and concepts of teaching; 11) conducts courses, if required, in program evaluation and research methodology; 12) participating in the selection of faculty and graduates for further U.S. or third-country training and advising on location of training, and 13) proposal writing.

Chairperson, Research Sequence, Graduate School of Social Work, University of Tennessee, Nashville, Tennessee

Developments of several models for a part-time program for social work students.

Director of the Social Services Program, The University of New Haven, New Haven, Connecticut. Duties included general program administration, hiring instructors, curriculum planning, placing students in various social agencies and report writing.

Special Assistant to the Executive Director of Human service programs, general office administration, responsibility for the 701 management training grant, staff development, evaluation grantsmanship and report writing.

Director of Practicum Programs, Fisk University, Nashville, Tennessee. Duties included developing program designs, administration machinery, agency relationships and student selection, procedural and evaluation criteria, grantsmanship, program evaluation and report writing.

Planning: Health Planner, Model Cities, New Haven, Connecticut

Present Research: Descriptive Analysis of Communication Patterns to Caner Patients among Physicians at a teaching hospital in Tennessee.

Recent trip to Senegal, Liberia, Ivory Coast, Nigeria, Tanzania, and Egypt to explor opportunities for research in the health field. Interviews were conducted with health specialists affiliated with universities in the above mentioned countries including a dean of a medical school the vice chancellor of a university and the medical director of a hospital.

During the summer of 1972, an exploratory study was undertaken in Ghana, Togo, Benin, and Nigeria, to examine attitudes toward folk medicine.

Consultant: Program evaluation, grantsmanship, staff development, needs assessment, research designs, sampling techniques.

Teaching: Taught courses in social policy, research, statistics, program evaluation, social aspects of illness and health planning.

Workshops: Grantsmanship, program evaluation and staff development.

Organizations: American Public Health Association, Tennessee Public Health Association, International Public Health Association, Council of Social Work Education, American Society for Public Administrators, Phi Delta Kappa Evaluation Network, Southern Regional Conference on Mental Health Statistics, American Forum for International Study.

Committees: Research, (chairperson) Administration and Planning, Health Care Integrative Seminar, 211-d Ad Hoc Committee.

Travel Abroad: Benin, Canada, Camaroons, Egypt, England, France Germany, Ghana, Holland, Iceland, Italy, Ivory Coast, Jamaica, Kenya, Liberia, Luxemburg, Mexico, Nigeria, Senegal, Spain, Switzerland, Tanzania, Togo, and Zambia.

Language Competencies:

French
One year was spent with a French family in Paris, France
Practice of the French language is achieved through frequent conversations with French speaking friends and periodic visits to French speaking countries.

References: Furnished upon request

NAME: Herbert Hobson
ADDRESS:

TELEPHONE:

BIRTHPLACE:
BIRTHDATE:
MARITAL STATUS:

EMPLOYMENT HISTORY:

May 1978 - Present	Assistant Administrator to the Director of the International Center for Health Sciences, Meharry Medical College, Nashville, Tennessee
June 1977-May 1978	University of Tennessee Graduate School of Social Work. Administrative Assistant to the Director.
October 1975-June 1977	Metropolitan Board of Education, Nashville, Tennessee, School Teacher - Driver Education.
April 1974-September 1975	Commerce Union Bank, Nashville, Tennessee, Finance Department.
November 1972-March 1974	Tenneco Food Store, Nashville, Tennessee, Manager of Drive-in Market.
June 1967-1971	Student at Tennessee State University, Graduated, June 1971.
June 1963-1967	United States Navy

EDUCATION:

June 1971	Tennessee State University, Nashville, Tennessee, B.S. in Political Science.
September 1977-Present	University of Tennessee at Nashville, Graduate School of Public Administration.

NAME:	Edward R. Hills, M.D.
ADDRESS:	[redacted]
BIRTHDATE:	
MARITAL STATUS:	Married, three children

EDUCATION:

1956 - 1958	Middleton High School Tampa, Florida
1955 - 1956	Stamford High School Stamford, Connecticut
1946 - 1955	St. Peter Claver School Tampa, Florida

Advanced Education:

1962 - 1966	Meharry Medical College (M.D.) Nashville, Tennessee
1958 - 1962	Florida A & M University Tallahassee, Florida (Pharmacy)
1958 - 1959	Morehouse College Atlanta, Georgia
Internship:	United States Air Force Hospital, Andrews AFB, Maryland July 1966-1967

Postgraduate Training:

July 1967 - September, 1967	Basic Course in Aerospace Medicine
June - 1968	Special Problems in Aerospace Medicine
February - March 1969	Tropical Medicine, School of Aerospace Medicine
June 1974	Clinical Colposcopy, University of Kentucky Medical School
December 1974	Human Sexuality Course, Massachusetts, Planned Parenthood Association

Residency:

July 1971-1974	Obstetrics and Gynecology, Hubbard Hospital of the Meharry Medical College

Military:

July 1966-June 1971	Active Duty, Rank-Major; Field of Medicine, Aerospace Medicine
1970	Received Bronze Star Medal

ACADEMIC APPOINTMENT:

July 1974 - September 1975	Director, Martha M. Eliot Health Center Jamaica Plains, Massachusetts
July 1974 - September 1975	Clinical Instructor, Harvard University, School of Medicine, Boston, Massachusetts
Present	Instructor, Department of Obstetrics and Gynecology, Meharry Medical College Nashville, Tennessee

SCHOLARSHIPS-HONORS:

1958	Scholarship to Morehouse College
1965	Forde Award in Internal Medicine

RESEARCH:

1961-1962	Research Assistant in Organic Chemistry Rubber Polymerization
1965-1966	Research Assistant in Pharmacology Pharmacologic Effects of Tolbutamide

BIBLIOGRAPHY:

1964	Polyurethane Foam in Bone Healing Proceeding of the International College of Pathology, June, 1964.
1972	Pregnancy in the 35 Year Age Group and Above - Presented to the Ob-Gyn Section of the National Medical Association
1973	Tubal Pregnancy: A Differential Diagnosis of Pelvic Pain. Accepted for publication by the Volunteer State Medical Journal.

BIBLIOGRAPHY:
(continued)

1974 Rupture of the pregnant Uterus, The Journal of the National Medical Association, 66: 66-68, January 1964.

1975 Current Trends in the Diagnosis and Management of Gestational Grophoblastic Disease - Presented in the Ob-GYN Section of the National Medical Association, Miami Beach, Florida

MEDICAL SOCIETIES:

1965 Co-founder of the Student National Medical Association - Served as organization's first national vice-president

1966 Alpha Omega Alpha Medical Academic Society

1973 Junior Fellow of the American College of Obstetrics and Gyneocology

1974 New England Chapter of National Medical Association

1974 Successfully completed Part I (written) of the American Board of Obstetrics and Gynecology

NAME: Joan M. Jones, R.N., P.N.P.

ADDRESS:

TELEPHONE:

BIRTHDATE:

MARITAL STATUS:

EMPLOYMENT HISTORY:

Present Employment	Pediatric Clinical Instructor African MCH/FP Nurse Practitioner Program International Center for Health Sciences Meharry Medical College
Previous Employment	Saint Thomas Hospital, Nashville, TN. Meharry Medical College, Nashville, TN. Baptist Hospital, Nashville, TN. West Side Hospital, Nashville, TN.

EDUCATION:

1971 - 1972	Pediatric Nurse Practitioner Program Meharry Medical College, Nashville, TN.
1968 - 1970	University of Tennessee at Nashville, Nashville, TN. (A.D., R.N.)
1965 - 1968	West End High School
1962 - 1965	Waverly-Belmont Junior High School
1962 - 1956	Clemmons Elementary School

Other training:

March 1975	Fetal Monitoring Symposium, Vanderbilt University, Nashville, TN.
1973	Child Abuse Workshop, Vanderbilt University, Nashville, TN.
April 1978	Conference for Primary Care Nurse Practitioners Gatlinburg, TN. (Via Vanderbilt University)

July 1978	Instructional Skills Workshop U.S. Department of Health, Education and Welfare National Medical Audiovisual Center Public Health Service/National Institutes of Health/National Library of Medicine Atlanta, Georgia
July-August 1978	International Nutrition Planning Workshop Meharry Medical College
COMMITTEE:	Meharrians Concerned About Adolescent Pregnancy
EXTRACURRICULAR:	Co-editor High School paper Business manager of theatrical group Girl Scouts of America Youth Symphony All-State Symphony Junior Classical League "Blue Feather Award" (outstanding student) News Reporter for campus bulletin
SPECIAL PROJECTS:	Immunizations Recall Matthew Walker Health Center
1974	Nashville, Tennessee
1974	Coordinator of Emergency TEAM Matthew Walker Health Center
1973	Baby Care Classes for Parents Matthew Walker Health Center
1975	Well Baby Clinic Matthew Walker Health Center
PROFESSIONAL ORGANIZATIONS:	American Nurses Association Tennessee Nurses Association Primary Care Council American Public Health Association National Association of Nurse Practitioners
REFERENCES: (with permission)	Dr. E. Hills 1916 Patterson Nashville, TN.
	Dr. E. Caldwell 2209 Buchanan Street Nashville, TN.

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APPENDIX C

DISTINGUISHED VISITORS

NAME	DATE	ORGANIZATION	PURPOSE OF VISIT
Ms. Shirley Gaydon	March 23	Public Health Nurse, Meharry/ Botswana Project based in Lobatse, Botswana, for debriefing appointments	Met with the Campus Coordinator of the Botswana Project to discuss the final phase of the Botswana Program
Dr. Jiyana M. Mbere	March 28-29	General Gynecologist, Baragwanath Hospital, Soweto, South Africa	To observe how the Ob/Gyn units are utilized for training medical students and other staff, to discuss new research in the fields of both contraception and infertility, and to have the opportunity to work alongside medical personnel
Ms. Jeannette Carson	March 29	Project Officer, Agency for International Development, Washington, D.C.	Met with top Administrators of the Center to discuss future plans for the MCH/FP program
Ms. Alice Robinson	April 6	African-American Institute, Washington, D.C.	To discuss possible visits by African dignitaries with the Center staff
Ms. Kealeboga Makhwade	April 7	Chief Nursing Officer, Ministry of Health, Gaborone Botswana	To confer with Meharry Medical College Administrators and the Center staff on future national health needs for Botswana

Distinguished Visitors (continued)

NAME	DATE	ORGANIZATION	PURPOSE OF VISIT
Dr. Brooks Ryder	April 8-10	Medical Service Consultant, Inc. Arlington, Virginia	Conferred with the Botswana Project campus coordinator on the final evaluation of the Nursing Education objectives of the Botswana Campus Project
Ms. Maureen T. Brown	April 8	Nursing consultant to the Agency for International Development, Washington, D.C.	Conferred with the Botswana Project campus coordinator on the final evaluation of the Nursing Education objectives of the Botswana Campus Project
Dr. Bunimi Rotimi	June 30	Director, Nigerian Universities Office, 2201 M Street	To give the commencement address at the graduation of the MCH/FP Nurse-Midwives

APPENDIX D

INTERNATIONAL NUTRITION PLANNING WORKSHOP FOR AFRICA
MEHARRY MEDICAL COLLEGE, MCH/FP & NUTRITION CENTER
MONROVIA, LIBERIA, AFRICA
FIRST WEEK (FEBRUARY 20 - 24) 1978

MONDAY 9:00-12:30	9-10 Welcome and Introduction Meharry, AID, WHO, Minister of H&SW, Mayor 10-12:30 Nutrition (General Approach) Target Groups, Meaning on Nutrition Status, The Survey. Dr. High	2:00-5:00	Field Exercise on Collecting Data (Nancy Nah and Dr. Dennis) 1. Describe Survey 2. Talk about Collection Problems 3. Demonstration Interview
TUESDAY 9:00-12:30	Assessment and Monitoring of Nutrition Status, Illustrated By Liberia Survey. Dr. High	2:00-5:00	1. Nutrition Evaluation 2. Interpreting Clinical Data 3. Collecting Dietary Data Nancy Nah
WEDNESDAY 9:00-12:30	Clinical and Sub-Clinical Signs of Malnutrition, Illustrated By Liberia Survey. Dr. High	2:00-5:00	The Causes of Malnutrition in Liberia (Using the Survey and other Information) Relationship between Malnutrition and Infection Dr. Kate Bryant - Dr. Ammet Dennis
THURSDAY 9:00-12:30	Consequences of Malnutrition 1. Physical 2. Developmental 3. Rationale for Investment Dr. High	2:00-5:00	FREE
FRIDAY 9:00-12:30	Nutrition Planning in Times of Disaster Dr. High and Ministry of Agriculture Representative	2:00-5:00	Nutrition Planning in Liberia (Panel of Liberians) 1. History 2. Role of Ministry 3. Prospects

INTERNATIONAL NUTRITION PLANNING WORKSHOP FOR AFRICA
MEHARRY MEDICAL COLLEGE, MCH/FP & NUTRITION CENTER
MONROVIA, LIBERIA, AFRICA
SECOND WEEK (FEBRUARY 27 - MARCH 3) 1978

MONDAY 9:00-12:30	FREE	2:00	FREE (Field Trip to be Planned)
TUESDAY 9:00-12:30	Introduction to Nutrition Planning The Nutrition System Mr. Pines		Problem Solving Exercises Mr. Pines
WEDNESDAY 9:00-12:30	The Planning Process Mr. Pines		Nutrition at Community Level (Ms. Thompson) Liberians (ETAL) Evaluating Projects in Nutrition
THURSDAY 9:00-12:30	Identifying Interventions and designing projects (Using Liberia Survey) Mr. Pines	2:00-5:00	Project Design Exercises Mr. Pines
FRIDAY 9:00-12:30	Practical Evaluation Problems (From participants own experiences) Group Discussion Mr. Pines	2:00-5:00	Economic and political considerations in Interventions Ellen Johnson Sirleaf

INTERNATIONAL NUTRITION PLANNING WORKSHOP FOR AFRICA
MEHARRY MEDICAL COLLEGE, MCH/FP & NUTRITION CENTER
MONROVIA, LIBERIA, AFRICA
THIRD WEEK (MARCH 6 - MARCH 10) 1978

MONDAY 9:00-12:00	Nutrition Planning and Intervention In Agriculture Dr. Ozie Adams	2:00-5:00	FREE
TUESDAY 9:00-12:30	Rural Development and other Agricultural Interventions Dr. Ozie Adams Ministry of Agriculture	2:00-5:00	Community Organization as an Intervention. Nutrition Advocacy Linking Sections Dr. Ozie Adams
WEDNESDAY 9:00-12:30	MCH/FP, Rural Health and other Health Related Interventions (Based on Liberia Survey) 1. Dr. W. Boayue 2. Dr. Mertens 3. Dr. Swamy 4. Mrs. Reeves 5. Family Planning Association of Liberia	2:00-5:00	Panel Discussion Water and Sanitation Interventions " " Local Government Liberia Water & Sewer Environmental Health
THURSDAY 9:00-12:00	Educational Interventions and Cultural Considerations. The Use of Oral Traditions & New Information on Visual Perceptions. Nancy Nah, Jeanette Carter, Karen Tompkins, Regina Domah, Ministry of Education	2:00-5:00	The Nutritional Effects of the Agricultural Policy of Liberia, Nancy Nah Ministry of Agriculture
FRIDAY 9:00-12:30	Food Research and Technology Interventions. Ministry of Agriculture	2:00-5:00	Agenda for the future (Liberian Guests) Farewell.

PARTICIPANT EVALUATION OF LIBERIAN WORKSHOP

Averages and Summary

Please circle the number that most accurately describes your assessment of the items being evaluated. They are placed on a five point scale with five (5) being a high or excellent rating and one (1) being a low or poor rating.

	AVERAGE
A. First, in an overall sense, how would you rank the workshop qualitatively?	3.80
B. How would you rate the general organization of the workshop?	2.85

Any comments?*

Workshop portrayed image, purpose; goals met with very good feedback (1)
Organization of the workshop was fine (1)
Dissatisfied with pre-arrangements (4)
Lack of orientation session (2)
Dissatisfied with content (2)
Dissatisfied with time allocation and usage (3)
Needed recording and summaries of sessions (1)
Lack of social activities during first two weeks (1)

I. The following items refer to the curriculum content:

1. The curriculum in the first week covered basic nutritional information:	4.10
2. The curriculum in the second week covered the planning aspect of nutriton:	4.95
3. a) Intervention strategies to implement nutrition goals were covered in the third and fourth week:	3.25
b) All possible points of intervention were explored:	3.35
4. Teaching materials (books, article reprints, audio-visual presentations) aided me in my understanding of the problems related to nutrition-planning:	3.45
5. Time allocated to classroom discussion was sufficient:	3.65
6. My ability to understand the lectures given in English was:	4.75

*( ) Number of Respondents

		AVERAGE
7.	The workshop provided me with new materials and information that I can implement in my job at home:	4.75
8.	Orientation given to nutrition-planning during the workshop is applicable to my country's national priorities:	4.00
9.	The working exercise in preparing a general strategy for what you plan to do once you return home was a valuable one:	3.95
10.	This exercise helped me to categorize the priorities in my area:	4.05

11. The section on Basic Nutrition could have also included the following: (Fill in as appropriate)

More recent handbook and basic nutrition booklet (2)
Ways of improving weaning and supplementary feeding (1)
Demonstration posters of available African foods (3)
Site visits to nutrition section of hospitals (1)
Presentation and discussion of production, marketing, and other country surveys (2)
Techniques for dietary survey data collection, analysis and report writing (2)
Inexpensive methods of obtaining data (1)
Better projector or slides (1)

12. The section on nutrition-Planning could have also included the following:

More time for comprehensive coverage (1)
Coordinators from other Ministries who deal with nutrition planning (2)
Planning of production, marketing, export-import (1)
Trend or direction of malnutrition (1)
Case Studies including nutrition advocacy (1)
Group demonstration (1)
Individual participant projects with assessment by participants and instructor (1)

13. The section on Intervention Strategies could have also included the following:

More theoretical information on intervention with emphasis upon political situations (1)
More on close relationships between agriculture and nutrition (1)
Coordination of legislation, commerce, import and export (1)
Discussion of what other countries have done (1)

Methods of preserving and storing grains and legumes in the developing countries (2)
Booklets (1)
More practice - small group work (1)
Field trips (2)

14. The following presentations were most applicable to me:

All the presentations were important and can be used to some extent in our present program and in planning other programs (8)
Assessment and Monitoring of Nutrition Status (2)
Nutrition at Community Level (1)
Nutrition Planning (12)
The Planning Process (3)
Rural Development and Agricultural Interventions (3)
Educational Interventions and Cultural Considerations (5)
Economic and Political Considerations in Interventions (7)
Identifying Interventions and Designing Projects (9)
Group discussions on practical evaluation problems (4)
Consequences of Malnutrition (6)
Clinical and Sub-Clinical Signs of Malnutrition (2)
Interventions (1)
Nutrition Planning In Times of Disaster (1)
Problem solving (2)
Field trips (2)

15. The following presentations were of little importance or use:

Nutrition Planning In Times of Disaster (2)
Economic and Political Consideration (1)
Rural Development and Other Agricultural Interventions (1)
Nutrition Advocacy Linking Sections (1)
Interventions (2)
Basic Nutrition (3)
Liberian Survey, Nutrition Planning, Nutrition Status, and Agricultural Policy (4)
All the presentations were important and can be used to some extent in our present program and in planning other programs (3)

16. Topics that we covered, that you think we should not have covered or need not have spent as much time on:

All were useful (5)
Nutrition Advocacy Linking Sections (1)

Nutrition Planning In Time of Disaster (2)
Signs and Consequences of Malnutrition (2)
Nutrients or Basic Nutrition (2)
General Approach to Nutrition (1)
Food Research and Technology (1)
Nutrition Interventions (2)
MCH/FP (2)
Liberian survey, agricultural plan, and related topics (5)

II. Teaching Activities:

1. I found most effective were: (Circle one or two)

   a. Lectures (13)
   b. Discussions (formal, in classroom) (17)
   c. Discussions (informal, outside the classroom) (3)
   d. Case Studies (3)

Comments:

Lectures and discussions helped me achieve goal and meet objectives (5)
Discussions permitted self-expression and exchange of views and experiences from different countries (7)

2. Teaching Activity I found least effective:

   a. Informal discussion (1)
   b. Case Studies (1)
   c. Lectures (1)

Comments:

Discussions outside the classroom not taken seriously (1)
Prepared lectures tended to repeat what participants are familiar with (1)

III. Faculty:

1. On the next page (page 5) you will find a chart. Please rate this section on the same 5 point scale. Again, 5 being high and 1 being low. (Use your workshop schedule to follow this chronological list.)

2. Which were the presentations that impressed you most?

Nutrition Planning (16)
Economic and Political Consideration In Interventions (6)
Consequences of Malnutrition (1)
Identifying Interventions and Projects (6)

MCH/FP Rural Health and Health Related Interventions (3)
Clinical Aspects of Nutrition (1)
Basic Nutrition (1)
Nutrition Planning in Agriculture (1)
Nutrition Planning in Times of Disaster (1)
Panel Discussion on Water (1)
Assessment and Monitoring of Nutrition Status (1)

3. Which were the presentations you liked least?

Nutrition Advocacy and Intervention (6)
Nutrition Evaluation Interpretating Clinical Data, Collecting Dietary Survey Data (2)
Rural Development and Other Agricultural Interventions (7)
Panel Discussion on MCH/FP (1)
Causes of Malnutrition (1)

IV. Administrative and Logistic Aspects:

1. Living arrangements were adequate — Yes 6 No 6

Comments:

Room small with no room for privacy (5)
Hotel had no area in which to relax and spend time (1)

2. Daily transportation to and from the Center was adequate — Yes 9 No 3

Comments:

Worked after the Ministry of Health provided transportation (2)
Drivers were very good (1)
Shortage of cars (1)
Waited a long time (1)

3. International transportation arrangements were well planned — Yes 9 No 3

Comments:

No communication on how to get from airport to hotel (1)
Late confirmation and arrival of air ticket (5)
Delay in processing materials for the workshop (1)

4. Eating arrangements were adequate Yes 10 No 6

Comments:

Lunch preparations at identified place should have been made (2)
Policy makers should have been invited (1)
No variety and some times shortages (1)
Arrangements for own food inconvenienced by per diem delay (1)

5. Recreation and social activities were well planned Yes 2 No 10

Comments:

Field trips and parties were grouped together (3)
Not planned early enough, should have been included in the program instead of taking the participants' free time (2)
Scheduling on Liberia's National Holiday inconvenienced official drivers and participants from the host country (1)

6. Classroom and teaching facilities were adequate Yes 6 No 7

Comments:

Smaller place would have been more comfortable (2)
Too hot (2)
Air conditioners too noisy (1)
Lack of loud speaking systems (1)
Lack of audiovisual aids and teaching materials (2)

7. Contact with staff members were adequate Yes ___ No ___

Comments:

Very good staff-participant relationship, accessible and easy to talk with (4)
Coordinator should change her attitude and become more flexible to meet the participants' needs (2)

V. Miscellaneous:

1. Did you learn any thing significant from other participants of other countries? Yes 17 No 0

Comments:

Ethiopia's Nutrition Planning In Times of Disaster (1)

2. Do you think you will be able to apply practically what you learned in the workshop? Yes 17 No 0

Comments:

Intend to plan and carry out a few projects (2)
(Practical applications will be possible for some programs. For others, it will be difficult unless the government is convinced)

3. The organization of the workshop like the one you had is very expensive. Do you feel the cost of the workshop is worth it, considering the change which has occurred in you? Yes 17 No 1

Comments:

Invite the policy makers (1)

4. Do you feel we worked: a) too little, b) enough, c) a lot, d) too much?

a. 3
b. 9
c. 5
d. 2

5. Please use this space to make whatever additional comments you feel can help us to improve our future workshops.

Follow-up workshop for participants (2)
Lecturers should be people who have seen some of the nutritional problems in Third World countries (5)
Outline of the workshop should have been sent to participants in advance to give them time to go through (3)
Don't use the manpower from the host country. We would like to hear from other participating countries (4)

6. After having gone through the workshop, I think that:

a) Three (3) weeks was an ideal length of time (7)
b) The same goals could have been achieved in two weeks (9)
c) Three weeks was too short (1)

7. What kind of follow-up activities would you like to see Meharry pursue regarding your future activities?

   a) Organize a workshop in another country or send one of the staff to visit the countries and find out if the workshop was of use (2)
   b) Meharry workshop coordinator should keep in close contact with participants so that they will be informed of constraints participants meet in trying to implement what they have learned (2)
   c) Visit the countries to see the different interventions being carried out and assist whenever necessary (1)
   d) Training Programs (1)
   e) Send relevant publications to nutrition workers (1)
   f) Would like to contact Meharry any time we are in difficulty (1)

APPENDIX E

MCH/FP STUDENTS--1972-1978

Listing by Countries

Country	Total Students
BOTSWANA	22
CAMEROON	4
EGYPT	2
ETHIOPIA	13
GAMBIA	2
GHANA	5
KENYA	7
LESOTHO	14
LIBERIA	25
NIGERIA	19
SIERRE LEONE	13
SOUTH AFRICA	1
SUDAN	4
SWAZILAND	20
TANZANIA	6
ZAIRE	5
ZAMBIA	22

Total = 184

INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Fall 72	Spring 73	Fall 73	Spring 74	Fall 74	Spring 75	Fall 75	Spring 76	Fall 76
BOTSWANA			Kelesitse Tlale N=1	Sakolengwe Ramalepa Lasego P. Malone Marietta O. Mosweu Felicitas Radise N=4	Joyce Seitei Keagakwa Lesego Mopi Masunga Julia Malema Daisy Dagwe N=5	Magdeline Mabuse Dicoloti Virginia Morewane Patricia Moslulele A.M. Lekuntwane Tlotlo N. Yane N=5	Rosina P. Diseko Florence G. Moampe Mavis G. Kewakae Sisimogant J. Phakedi N=4	Ann Thipe Ruth Mauco Ida Magogwe N=3	
CAMEROON									
EGYPT							Soheir Youssef Dalal M. Khalil Eshra N=2		
ETHIOPIA			Yelifigne Abate Belletech Badada Alemtaye Hailemarian Michail Mulugit N=4		Abeba Gebreusus Getenesh Amene Kebebush Misganaw Ajebush Abebe N=4	Assabech Desalgne Berhane Berhe I. Deressa Abebe N=3			

INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Fall 72	Spring 73	Fall 73	Spring 74	Fall 74	Spring 75	Fall 75	Spring 76	Fall 76
ETHIOPIA (cont.)					Fechatu Rumicho Semeret Sebhat N=2				
GAMBIA									
GHANA								Gloria Obuobisa Felicia Oware N=2	
KENYA	Zeruiah W. Mungai Lilly Mokokha Rhoda Likimani Charity Nkonge Monica David Victoria Ng'ang'a Hosea Rachuonyo N=7								

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INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Fall 72	Spring 73	Fall 73	Spring 74	Fall 74	Spring 75	Fall 75	Spring 76	Fall 76
LESOTHO			Miriam Maliehe Magdalen Mokhali Margaret G. Mokhothu Mamolaudi Pitso Josephine Tsoanamatsie N=5	Ann Taole N=1			Matseliso Ntabe Monica N. Sekhopia N=2	Veronica Molenhoneng Thamae Mankuebe Moshoeshoe Maleejone Mokonyana Elsie Rale-Taouane N=4	
LIBERIA		Gertie W. Avery Lenora R. Gant Frances D. Giddings Hylton R. Parkinson Mabel Yaidoo N=5		Beatrice E. Barmadia Willietta W. Howard Marie R. McCay Edmonia T. Tay Nora M. Howard N=5	Lillian Barbley Esther Johnson N=2	Dorothy T. Goll Mary S. Howard Eldah Neube N=3	Annie H. Miller Comfort M. Townsend N=2	Marie Mason Gertrude Cole Thelma Sherman Gnenpu Stubberfield N=4	
NIGERIA		Adepeju Akinsemoyin Elizabeth M. Omaghomi N=2	Alice Adeyemi Joy Esere N=2	Mrs. Ojo N=1	Ebun Akinnibosun N=1			Muibat A. Sotubo Paulina A Adenubi N=2	Adebisi Bali Frances Diyaolu N=2

INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Fall 72	Spring 73	Fall 73	Spring 74	Fall 74	Spring 75	Fall 75	Spring 76	Fall 76
NIGERIA (cont.)									Modupe Faiga Agnes Fawole N=2
SIERRA LEONE		A. Mojibola Bal-Adams Marionette A. Fraser N=2	Clarice Taylor N=1	Cassandra L. Lambert N=1	Daphne Cummings-John Sarah Kamara N=2			Cecelia Spaine-Cole N=1	
SOUTH AFRICA								Reshoketjo Ramontja N=1	
SUDAN									Nafissa Abdullah Mohga Lufti Roghaia El Beit N=3
SWAZILAND			Caslina Phakathi Andronica T. Dladla N=2	Lydia Dludlu Elizabeth Mlambo N=2	Hope Simelane Anna Gama N=2	Margaret Makandanje Edith N. Ntiwane N=2	Martha N. Nkambule Lavinia M. Nkambule N=2	Eunice Sowazi N=1	Mirriam Jele Cynthia Nkosi Cynthia S. Gwebu N=3

INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Fall 72	Spring 73	Fall 73	Spring 74	Fall 74	Spring 75	Fall 75	Spring 76	Fall 76
TANZANIA									Bertha Marenga Ruth Mfijirwa N=2
ZAIRE	Norman Mukengele N=1		Mbiyano Biselela N=1			Phaka Mbumba N=1	Phaka Nimy N=1	Mungalu Monique Binkita N=1	
ZAMBIA					Penelope Mumba N=1	Janet Chime Beatrice Mungo Winfred M. Chisha Julia Banda Mary Katumwa Bertha M. Weene N=6	Elizabeth Ntambu Paitha M. Chabala N=2	Dorothy Mhango Pelluny S. Mubanga Joyce Kabisa Estelle Mukonde Felicia Muludyang N=5	

INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Spring 77	Fall 77	Spring 78	Fall 78					
BOTSWANA									
CAMEROON		Angeline Nghoda Therese Y. Awune N=2							
EGYPT									
ETHIOPIA									
GAMBIA	Mary B. Dunn Aminatta Jobe N=2								
GHANA	Susan Botchway Christina Opoku N=2		Vivian Lamptey N=1						

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INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Spring 77	Fall 77	Spring 78	Fall 78					
KENYA									
LESOTHO	Anticnette Mpho Mokhesi N=1		Phethelli Peete N=1						
LIBERIA		Esther L. Burphy Eliza B. Jones Beatrice Washington N=3	Leona Massey N=1						
NIGERIA	Elizabeth Olayide Adebayo Modupe Olugbenle N=2	Monica Lucinda Onyejepu Oluyemisi George N=2	Clarissa Coker Titilola O. Epega Margaret Sorungbe N=3						
SIERRA LEONE	Nyambe Brimah N=1		Maisy George N=1						

INTERNATIONAL CENTER FOR HEALTH SCIENCES

Past Participants By Country

COUNTRY	Spring 77	Fall 77	Spring 78	Fall 78					
SIERRA LEONE (cont.)	Nancy Bunting-Garden Laurinda C. Fraser Glenna L. Jones N=3	Nyambe Brimah N=1	Lilly Macauley N=1						
SOUTH AFRICA									
SUDAN		Asma ElTayeb Mhamead N=1							
SWAZILAND	Juliana Diamini Eunice M. Mabuza N=1	Elizabeth Tentelini Mndebele N=1	Gloria Zwane Beauty Masuku N=2						
TANZANIA	Mary F. Solomon N=1		Amy Maeda Rose Mapunda Jane-Subila Munthali N=3						

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Past Participants By Country

COUNTRY	Spring 77	Fall 77	Spring 78	Fall 78					
ZAIRE									
ZAMBIA		Stella Kalyafye Mabel K. Katebe Margaret Muyangana Mollie Muyanga Ena Simuchimba N=5	Lillian Millapo Grace Mwila Ellenia Tembo N=3						