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QUARTERLY REPORT #13
(JULY - SEPTEMBER 1981)
MEDEX Phase III, Primary Health Care Systems
Contract No. AID/DSPE-C-0006



University of Hawaii at Manoa

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I. Specific Services to be Provided:

2.(a)(1) Exploratory briefings in LDCs; informational briefings with AID Missions and host officials:

In response to one of the recommendations of the January evaluation, HMDS has developed an information package. The package of sample materials and the introductions accompanying them explain and illustrate HMDS's systematic approach to primary health care. The main sections in the package are: Outline of HMDS Materials, Middle-Level and Community Health Worker Materials, Adaptation Materials, and Systems Development Materials. The information package will be distributed in late October to AID Missions, selected Ministries of Health, selected universities, international schools of medicine and of nursing, individual experts and private organizations involved in primary health care.

2.(a)(2) Exploratory briefings in LDCs; seminars for Ministry of Health officials, health planners, and other leaders within the medical community:

No action this quarter.

2.(b) The Contractor shall draft, develop and produce training modules and related teaching materials for the following four specific categories of training:

2.(b)(1) MEDEX Training Modules:

S&T/H reviewed the Common Skin Problems modules and approved it for typesetting.

The Framework Paper I & II has been consolidated into one volume. This volume introduces and explains the approaches and materials for primary health care development contained in the companion volumes. It is intended to accompany those volumes and to facilitate understanding of HMDS's systematic approaches and materials and their adaptation and application in a variety of settings.

The Family Planning (CHW) I & II modules were consolidated into one volume and renamed "Child Spacing (CHW)."

Four modules are undergoing final review and revision: Dental EENT, Respiratory and Heart Problems, Infectious Diseases, and Diseases of Infants and Children. Consultant Gregory Miles performed the educational review for the Infants and Children module.

Consultant Dr. Mona Bomgaars is rewriting the Problems of Women, Labor and Delivery, and Prenatal and Postnatal Care modules.

2.(b)(2) Management Training Modules:

Consultant Edward Rizzo assisted with conceptualizing and writing the rough draft of Guidelines for Developing, Expanding, and Strengthening PHC Programs.

Work progressed on the drafts of the Management Systems Analysis Workbooks. General Supply Workbook is now in second draft and ready for field testing. Consultant James Yatsco assisted in writing the first draft of a prototype Drug System Workbook. Subsequently, the Drug and Medical Supply Workbooks were combined into one workbook with a supplement section. The remaining workbooks (Maintenance, Information, Communications, Transportation, Personnel, and Finance) are in various first draft stages.

Rough draft writing continues for the Working With Support Systems Module units (Finance, Personnel, Drugs and Medical Supply, General Supply, Transportation, Communications, and Information).

Rough drafts are being written for the Formulary, Diagnostic and Patient Care Guidelines, Management Operations, and Patient Care Skills.

2.(b)(3&4) Community Health Worker (CHW) Training Modules and Continuing Education Materials:

No action this quarter.

2.(c) Technical assistance and leadership in conducting training programs and project planning in LDCs:

2.(c)(1) Technical guidance in project design to USAID Missions and/or host governments in those LDCs where a decision has been made to pursue a MEDEX Primary Health Care program:

No action this quarter.

2.(c)(2-7) Curriculum Adaptation Workshops, Teacher Training Workshops, Management/Logistics Workshops, Preceptor Deployment Workshops, Continuing Education Workshops, Evaluation Workshops:

No action this quarter.

2.(d) Network strengthening and strategizing:

2.(d)(1) Mobilization of U.S. MEDEX expertise and experience through a network organization of U.S. universities with MEDEX experience:

On July 1, two people who will be participating in network activities joined the MEDEX/Northwest staff: Robert Drickey, M.D., M.P.H., Physician-Trainer, and William Shaul, M.D., Medical Director. Mr. Richard Blakney, a network resident from the University of Washington, was hired July 1 to serve as the Management Specialist for the MEDEX/Guyana program.

The Third Annual MEDEX Network Conference meeting was held in Grand Forks, North Dakota, September 9-11. Dr. Smith, Mr. White, Mr. Alt, and Ms. Lyons attended from HMDS. Attending from MEDEX/Northwest were Mr. John Ketcher, Ms. Sharry Erzinger, and Mr. William Callen. The entire network staff at MEDEX/North Dakota participated in the conference: Dr. Robert Eelkema, Dr. Merrill Shutt, Ms. Mickey Knutson, Ms. Bonnie Bata, Ms. Judy DeMers, and Mr. Ed Klecker who coordinated the conference.

At the conference, the planned agendas for Year 03 (the final year) of the network were discussed and agreed upon, the information package developed by HMDS was discussed, and the status of materials production was reviewed. As part of the training of MEDEX network staff, Mr. Frank Moulton, from AID/W, presented an informal seminar to the conference participants regarding the AID contracting process, cooperative and collaborative agreements, including special implications for universities. Mrs. Jean Pease discussed AID perspectives with the conference participants.

Ms. Mickey Knutson, MEDEX/North Dakota, went to Lesotho for the first two weeks of August to assist with the planned activities of the predeployment phase of the nurse clinician training, concentrating on teaching how to establish village health worker programs and discussing methods of health center management. She oriented the Health Service Area Medical Directors to nurse clinician practice. She reviewed the

logistical requirements for planning and implementing the community rotation scheduled for May 1982.

Dr. Merrill Shutt, MEDEX/North Dakota, was in Honolulu the first two weeks in August to begin his residency training. Part of his efforts focused on gaining familiarity with modular development. Dr. Andrew Penman, MEDEX/Northwest joined him the second week and, together with HMDS staff, they discussed the future involvement of network schools in the dissemination and adaptation of MEDEX program materials as well as future primary health care project design and implementation.

At the request of the USAID Regional Development Office, Caribbean, HMDS provided a consultant, Dr. Shutt, to participate in an evaluation of the Family Nursing Education Programmes. Dr. Shutt went to Barbados for briefings, then visited St. Lucia, Antigua, and St. Vincent. At the end of the consultation, Dr. Shutt spent two days in Washington, D.C., and briefed Linda Morse and Paula Feeney, LA/DR, and Jean Pease.

Mx. Tom Coles went to Seattle September 21-27 to teach the MEDEX/Northwest network staff how to conduct an educational edit of MEDEX training modules. Ms. Sharry Erzinger worked with Mx. Coles on an educational edit of the Community Health Module I.

Ms. Bonnie Bata, MEDEX/North Dakota, attended the International Congress of Nurses in Los Angeles, June 29 - July 4. The Congress was attended by representatives from 93 countries, and was an opportunity for Ms. Bata to explain the MEDEX design approach to health professionals and Ministry of Health officials previously unfamiliar with it, and to establish contacts with a variety of overseas programs that may potentially be interested in using the MEDEX technology. Ms. Bata was in Honolulu in August as part of her residency training. She participated in the educational edit of the Dental EENT module.

2.(d)(2) Inclusion in the network of those institutions within LDCs which will have become centers of MEDEX expertise:

An International MEDEX Meeting will be held October 29-30. This meeting will be similar to the previous International MEDEX Conferences, but much smaller in size and cost. HMDS has invited one representative from each of our country programs to attend the International MEDEX Meeting in Honolulu, and then to attend the American Public Health Association's annual convention in Los Angeles, November 1-5, to participate in a panel discussion on Primary Health Care (International Health Section):

- Dr. Mushtaq A. Chaudhary
Deputy Director General
Ministry of Health and Social Welfare
Islamabad, Pakistan

- Mrs. N. Borotho
Chief Planning Officer
Health Planning Unit
Ministry of Health and Social Welfare
Maseru, Lesotho

- Dr. Walter Chinn
Chief Medical Officer
Ministry of Health
Georgetown, Guyana

The three participants will meet informally with HMDS staff to talk about the present status of primary health care in their countries and to consider what may happen in the future. At the APHA meeting, the three will discuss some practical considerations of field experiences in primary health care.

II. Contract amendment for the services of a development communications specialist, to bring the expertise and findings of development communications to bear on the planning, design, and eventual implementation of MEDEX projects in developing countries.

Mr. Sunil Mehra continued the development of community education methods and of materials for integration into the middle-level health worker training modules. He reviewed illustrations included in modules now in the production process, and revised and developed new illustrations as necessary. He made final selections of media materials to be included in modules now in the production process. Based on program experiences in Guyana and Lesotho, Mr. Mehra is developing a comprehensive strategy on communications.

III. Other Information:

A. Travel by HMDS Personnel:

Mr. Patrick Dougherty, and his wife Patricia, relocated to Honolulu from Bristol Tennessee, on July 8. See Section E.

Dr. Powell to Washington, D.C., July 16-23, to discuss with AID staff potential areas of involvement and a revised scope of work for the final two years of Phase III of the HMDS contract.

Dr. Smith (September 7-15), Mr. White (September 7-12), Mr. Alt (September 7-16), and Ms. Lyons (September 8-12) to Grand Forks, N.D.. See Section 2.(d)(1).

Mr. Coles to Seattle, September 21-27. See Section 2.(d)(1).

B. Consultants:

Mr. Edward Rizzo, in Honolulu, August 15-30. See Section 2.(b)(2).

Mr. Gregory A. Miles, in Honolulu, August 31 - September 4. See Section 2(b)(1).

Mona Bomgaars, M.D., M.P.H., in Honolulu, for 11.5 hours during this quarter. See Section 2(b)(1).

Mr. James Yatsco, in Honolulu, July 27 - August 7. See Section 2.(b)(2).

C. Visitors to HMDS:

Dr. N.C. Moji, in Honolulu, August 2-7. See Section D.

D. Significant Core Staff Time Devoted to Country Project Activities:

Dr. N.C. Moji, the Senior Deputy Director of Lesotho's Ministry of Health, and the Medical Superintendent of that country's national referral hospital (Queen Elizabeth II Hospital), spent a week with HMDS in Honolulu so that he could learn more about the concept of primary health care and to discuss management approaches to health care in Lesotho. HMDS's orientation concentrated on discussing with Dr. Moji the appropriate role of referral hospitals vis-a-vis out-patient services in communities; and on management principles of delegation, organization, and accountability.

New long-term advisors for programs in Lesotho and Guyana were oriented in Honolulu July 6-31: Dr. James LaRose (Lesotho's Physician/Trainer), Dr. Edward Margulies (Guyana's Physician/Training), and Mr. Richard Blakney (Guyana's Management Specialist) were in Honolulu. In August, the HMDS staff spent a week interviewing Mr. Clifford D. Olson for the position of Lesotho's Health Planner and Chief of Party, and oriented him for two weeks in September, subsequent to his selection for the post.

E. Recruitment and personnel:

Mr. Patrick Dougherty began work July 8 as HMDS's Systems Development Specialist.

Mr. Kenneth Miyamoto began work July 16 as the Development Education Design Specialist.

Mr. Richard McNeill is HMDS's new Writer/Editor, effective August 10.

IV. Fiscal Status

<u>Budget Category</u>	<u>Total Awarded* Yrs. 01-04</u>	<u>Previous Expenditures/ Encumberances</u>	<u>13 th Quarter E&E</u>	<u>Total E&E to Date</u>	<u>Balance</u>
Salaries	\$1,891,422	\$1,224,345	\$100,204	\$1,224,345	\$ 667,077
Consultant Fees	102,267	79,585	4,302	79,585	22,682
Fringe Benefits	311,846	190,238	16,308	190,238	121,608
Overhead	493,862	314,267	33,196	314,267	179,595
Office Rental	196,549	134,570	8,532	134,570	61,979
Travel & Trans- portation	227,257	162,737	13,279	162,737	64,520
Allowances	102,887	54,498	4,611	54,498	48,389
Other Direct Costs	204,478	139,548	7,991	139,548	64,930
Equipment, Mat- erials & Supplies	157,109	121,145	2,007	121,145	35,964
Sub-Contracts	616,723	472,518	Ø	472,518	144,205
TOTAL	\$4,304,400	\$2,893,451	\$190,430	\$2,893,451	\$1,410,949

*Note that these figures only include eleven (11) months of Year 04.

V. MEDEX PHASE III PROJECT STATUS

Summary of activities for Quarter #13, July - September 1981

Services	Provided This Quarter	Cumulative Total
Exploratory briefings		15
In LDCs	0	
Other	0	
PHC Seminars conducted		16
In LDCs	0	
In Honolulu	0	
Elsewhere	0	
Workshops:		
Curriculum Adaptation	0	3
Teacher Training	0	3
Management/Logistics	0	3
Preceptor/Deployment:	0	1
Evaluation	0	1
Continuing Education	0	3
Technical Assistance		
AID/Regional Bureau	0	5
USAID Mission	0	14
LDC Government	0	14
Network Strengthening		
Domestic network meetings	1	4
International meetings	0	2

Module/Manual	ACTIVE THIS QUARTER	Current Status
1. Framework Paper, Volume 1	YES	The two volumes of the Framework Paper have been consolidated. The outline was approved by the Curriculum Board in September. Final draft to be submitted to Curriculum Board in October 1981.
2. Framework Paper, Volume 2	YES	
3. Primary Health Care Module	NO	Second draft scheduled for January 1982.
4. Anatomy and Physiology	NO	Final review and revision to be finished by February 1982.*
5. Medical History	NO	Final review and revision to be finished by February 1982.
6. Physical Examination	NO	Final review and revision to be finished by February 1982.
7. Common Skin Problems	YES	Presented to AID in August. Received AID letter of approval to typeset.
8. Dental EENT	YES	Medical associate review completed. Educational associate review completed. Remaining final review and revision to be finished by November 1981.
9. Respiratory and Heart Problems	YES	Medical associate review completed. Remaining final review and revision to be finished by November 1981.

*The final review and revision on each module include a medical associate review, an educational associate review, a communication associate review, and an editorial associate review. After the four reviews, the modules go to the Curriculum Board for review and final approval.

Module/Manual	ACTIVE THIS QUARTER	Current Status
10. Gastro-intestinal Problems	NO	Final review and revision to be finished by October 1981.
11. Genito-urinary Problems	NO	Final review and revision to be finished by October 1981.
12. Infectious Diseases	YES	Medical associate review completed. Remaining final review and revision to be finished by November 1981.
13. Common Medical Conditions	NO	Final review and revision to be finished by November 1981.
14. Diseases of Infants and Children	YES	Medical associate review completed. Remaining final review and revision to be finished by November 1981.
15. Trauma and Emergency	NO	In first stage (rough draft).
16. Problems of Women	YES	Being rewritten. Final review and revision to be finished by January 1982.
17. Labor and Delivery	YES	Being rewritten. Final review and revision to be finished by January 1982.
18. Prenatal and Postnatal Care	YES	Being rewritten. Final review and revision to be finished by January 1982.

Module/Manual	ACTIVE THIS QUARTER	Current Status
19. Family Planning	NO	Renamed "Child Spacing." Final review and revision to be finished by January 1982.
20. Community Health I	NO	In first stage (rough draft).
21. Community Health II	NO	In first stage (rough draft).
22. Working With Communities and CHWs	NO	In first stage (rough draft).
23. First Aid (CHW)	YES	Being field tested in Lesotho, July - November 1981.
24. Diarrhea and Dehydration (CHW)	YES	Being field tested in Lesotho, July - November 1981.
25. Nutrition (CHW)	YES	Being field tested in Lesotho, July - November 1981.
26. Hygiene (CHW)	YES	Being field tested in Lesotho, July - November 1981.
27. Clean and Safe Normal Delivery (CHW)	YES	Being field tested in Lesotho, July - November 1981.

Module/Manual	ACTIVE THIS QUARTER	Current Status
28. High Risk Pregnancies (CHW)	YES	Being field tested in Lesotho, July - November 1981.
29. Community Cooperation (CHW)	YES	Being field tested in Lesotho, July - November 1981.
30. Common Clinical Problems (CHW)	YES	Being field tested in Lesotho, July - November 1981.
31. Family Planning I (CHW)	YES	Consolidated and renamed "Child Spacing (CHW)." Being field tested in Lesotho, July - November 1981.
32. Family Planning II (CHW)	YES	
33. Working With Support Systems	YES	In first stage (rough draft).
34. Working With the Health Team	NO	In first stage (rough draft).
35. Supervisory Mid-Level Health Workers	NO	In first stage (rough draft).
36. Formulary	YES	In first stage (rough draft).

Module/Manual	ACTIVE THIS QUARTER	Current Status
37. Diagnostic and Patient Care Guidelines	YES	In first stage (rough draft).
38. Management Operations	YES	In first stage (rough draft).
39. Patient Care Skills	YES	In first stage (rough draft).
40. Training System Evaluation Manual	NO	In first stage (rough draft).
41. Curriculum Adaptation Manual	NO	In first stage (rough draft).
42. Instructor Preparation Manual	NO	In first stage (rough draft).
43. Pre-deployment Manual	NO	In first stage (rough draft).
44. Continuing Education Manual	NO	In first stage (rough draft).
45. Management Systems Analysis Workbooks and Training Manual	YES	In first stage (rough draft).

Module/Manual	ACTIVE THIS QUARTER	Current Status
46. Area Planning/Management (POEM) Workshop Manual	NO	In first stage (rough draft).
47. National Planning/Management (POEM) Workshop Manual	NO	In first stage (rough draft).
48. Guidelines for Developing, Expanding and Strengthening PHC Programs	NO	In first stage (rough draft).
49. Guidelines for Planning and Evaluation in Primary Health Care	NO	In first stage (rough draft).
50. Guidelines for Management Training in Primary Health Care	NO	In first stage (rough draft).
51. Communications Chapter	NO	Not yet conceptualized.