

# Primary Health Care Bibliography and Resource Directory

**information for action**



World Federation of Public Health Associations



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***information for action***

# **Primary Health Care Bibliography and Resource Directory**

**Prepared for UNICEF**

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# Introduction to Second Edition

The first edition of this publication was received worldwide with considerable enthusiasm. It clearly met a strongly-felt need among persons interested in primary health care. Thanks to the United Nations Children's Fund (UNICEF), a significant supporter of primary health care efforts, we are able to reprint the *Bibliography and Resource Directory* and to add a new selection of books published for the most part since the first edition.

The first edition (through page 56) remains unchanged. New entries are contained in the

bibliography and resource update sections (pages 57 to 69). Because the prices of books often change, we recommend confirming prices given in any section before actually placing an order.

It is our hope that this second edition will be even more useful than the first. To suggest any changes or to recommend new entries for future editions, please write the Executive Secretary, World Federation of Public Health Associations, c/o American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA.



*Taking health services to where people are is the key to primary health care. This auxiliary health worker reaches a village in Venezuela by boat. WHO Photo by P. Almasy*

# Introduction to First Edition

Many of the causes of poor health and premature death affecting the poor in developing countries can be prevented or treated using simple, safe, and relatively inexpensive medical or public health measures. Despite this, access to even the simplest modern medical or health measures continues to be limited for the poor majority in many countries. The main obstacle to essential health services for the majority is a lack of effective health networks which reach out to the community level, particularly in rural areas.

In many countries, governments have taken the responsibility for providing medical and health services in rural areas, but resources are limited. In the past, governments spent the major part of their health funds on hospitals, clinics, and medical personnel located mainly in urban areas. But conventional hospital-based health care systems have proven too costly to provide access to health care for more than a small portion of the population. Early in the 1970's the importance of reorganizing health services with the goal of better coverage and increased involvement of people in their own health care was recognized. This strategy of bridging the gap between existing health services and underserved populations is known as primary health care.

To focus international attention on strategies for bridging this gap was the purpose of the joint UNICEF-World Health Organization Conference on Primary Health Care held in Alma-Ata, USSR, in 1978. Primary health care was defined at this conference as:

essential health care based on practical, scientifically sound and socially acceptable methods and technology made universally accessible to individuals and their families in the community through their full participation and at a cost that the community and country can afford.

While the health needs of the poor vary from country to country, primary health care services needed for most populations include health education, maternal and child health care including immunizations, family planning, safe water and sanitation, the promotion of better nutrition, and the provision of essential drugs and

simple curative care.

There is no universal formula for the organization of primary health care, but certain themes distinguish primary health care from earlier approaches to basic health care. These include: 1) the maximum use of local resources and the promotion of self-reliance so health care remains affordable and accessible; 2) the integration of health services including prevention, treatment, promotion, and rehabilitation; 3) the extension of health services to the most peripheral level practicable by workers simply trained for this activity; and 4) the reorganization of other health service units, including hospitals, to support the peripheral level by providing referral facilities, technical assistance, and supplies.

## **PRIMARY HEALTH CARE: Innovation At Many Levels**

Integration of services, reorganization of the government health service to serve the periphery, the use of community level workers, the focus on prevention—these and other aspects of primary health care are innovative and relatively untried in large-scale government sponsored programs. For this reason and because primary health care encompasses a number of services (e.g., nutrition, family planning, disease control), the dissemination of program experience and new knowledge about many of these activities is crucial for successful program implementation.

At present, many who are responsible for expanding basic health services lack access to existing or new knowledge about technical interventions and program experience in other regions. Catalogues, books, and journals are too often jealously guarded treasures of university or national training program libraries. Knowledge of, and contacts with, outside agencies and health professionals are often the preserve of a limited group in the government ministry or the national capital. This pattern of lack of access and corresponding lack of knowledge must change now that governments are making new commitments to the welfare of rural populations and making new demands on health services.

## **Purpose of the Primary Health Care Bibliography**

The purpose of this bibliography is to make information on primary health care activities and programs more readily available to planners, managers, decision-makers, and health personnel in both developed and developing countries. Criteria used in the selection of references for the bibliography include:

1. Usefulness—does the reference contain relevant information of direct or practical use?
2. Timeliness—does the reference reflect the best current thinking and/or experience regarding the subject matter?
3. Access—is the publication in print and available?
4. Cost—preference has been given to free or low cost material. Many references produced by public agencies are available at discount on request from developing countries.
5. English Language—although valuable materials on primary health care are written in French, Spanish, and other languages, these are beyond the scope of this bibliography unless they are also available in English. When publications are available in languages other than English, it is so noted.

The above criteria are flexible. While preference was given to low cost materials, a number of publications cited in this bibliography cost over U.S. \$30. Generally more expensive publications are cited when the subject matter is technical and when no publicly funded source was available for the same information.

The publication is divided into two sections: (1) an annotated bibliography and (2) a resource directory. The purpose of each section is different. Part I is selective rather than exhaustive in its coverage of each of the sub-areas of primary health care because each sub-area has a vast literature in its own right. Since it covers many fields briefly, Part I is not expected to be useful to experts in *their own* field of specialization; rather, Part I will be useful for health personnel

in general, and by experts *outside* their field of specialization.

The focus of Part II is narrower. The resource directory is based on years of experience in international technical assistance in health and draws together in print a number of resources of benefit to planners and health service personnel in developing countries. For example, the Joint Mission Hospital Equipment Board, Ltd. described in Chapter X, can provide medical equipment, supplies, and pharmaceuticals at low cost because of their experience negotiating prices and through bulk purchasing. In Chapter IX, *Health Training: A Directory of Commonwealth Resources* is described. This directory lists health training institutions and programs in Commonwealth countries for all levels of personnel and includes information on courses offered, language of instruction, residential accommodation, and opportunities for students from other countries.

Chapter VIII-C describes POPLINE among other resources. POPLINE is a computerized information retrieval service on family planning programs, technology, and research and is a service free to personnel from developing countries. The purpose of Chapter XI on donors and grant writing is to familiarize readers with organizations which have worked in the health area and to provide information on grants and how to write proposals.

Some readers may feel that Chapter VIII-C on computerized information sources clashes with the appropriate technology thrust of primary health care. Other readers may feel that the focus on hospital equipment in Chapter VIII-B and Chapter X is inappropriate due to the "community health" focus of primary health care. Because information searches or hospital equipment may be precisely what is needed by some health personnel in developing countries, a broad definition of primary health care has been used in this publication.

### **Practical Considerations**

The ten digit number that appears after many of the references in Part I is the International Standard Book Number (ISBN) used by publish-

ers to distinguish one publication from another. This number reduces confusion over books with similar titles and identifies books independent of the language of the book title, facilitating international ordering.

Prices of publications listed in this bibliography are shown in U.S. dollars unless otherwise noted. Caution! Due to inflation, book prices are likely to be higher than the prices shown. Postage will further increase the actual cost of publications; therefore, it is prudent to add 25% to the cost of books when ordering from publishers.

A key document in the preparation of this bibliography, and a document recommended for those who plan to purchase many publications, is the *World Health Organization Publications Catalogue 1947-1979* cited in Chapter VIII-B. WHO publications listed in this catalogue are available from national booksellers in 74 countries for local currency. A list of the booksellers is available from the Distribution and Sales Office, World Health Organization, 1211 Geneva 27 Switzerland. Discounts on WHO publications may be available on request to regional WHO offices or the above address, particularly if the request comes from a developing country.

Experts assisted in the selection of references included in this bibliography, but any attempt to cover as diverse a field as primary health care with relatively few references will inevitably omit some important publications. Also, prices and publishers change and books go out of print. International Health Programs of the American Public Health Association welcomes suggestions regarding additions to this bibliography, comments on its usefulness, and corrections regarding information contained in this publication.

Paul Burgess, *Chief*  
Evaluation and Special Studies  
International Health Programs  
American Public Health Association



*Training nutrition workers in Zaire. Peace Corps/  
AC-299-24. K. Chernush*

*Carrying their midwifery kits, two midwives start out on their primary health care rounds in rural Sierra Leone.*  
UNICEF Photo by Jette Meng





*Home visits are basic to primary health care. A day care center worker in India is shown visiting a young mother to discuss child health problems. UNICEF Photo by T. Nagarajan*



# health care in developing countries: an overview

- 001 Basch, P.** *International Health*. Oxford University Press, 200 Madison Ave., New York, New York 10016 USA. 1978. \$10.95. 388 pp. ISBN 019-502329-3.  
A good introduction to the history, development, culture, policy, and medical practices in developing countries. The first half of the book examines the major influences on health conditions around the world. The second half describes health programs and policies.
- 002 Bryant, J.** *Health and the Developing World*. Cornell University Press, 124 Roberts Place, Ithaca, New York 14850 USA. 1969. \$5.95 paper edition. 345 pp. ISBN 0-8014-9129-0.  
Classic in the field of international health, diagnoses the problem of underserved populations in developing countries, and stresses the inappropriateness of medical education in developing countries. Anticipates much in the primary health care movement in the 1970s.
- 003 Clinton, J.** *Health, Population and Nutrition Systems in LDC's: A Handbook*. University Research Corp., 5530 Wisconsin Ave., Suite 1600, Washington, D.C. 20015 USA. 1979. \$11.00. \$9.00 for developing countries. 441 pp. English.  
An introduction to basic primary health care concepts and program components for the non-expert. Samples of data layouts are given and basic analyses of demographic characteristics, environments, and health service structures are included. A brief bibliography and technical appendix are included at the end of each chapter.
- 004 Djukanovic, V. and E. Mach (eds.).** *Alternative Approaches to Meeting Basic Health Needs in Developing Countries*. World Health Organization, 1211 Geneva 27 Switzerland. 1975. 24 Sw. fr. 116 pp. ISBN 92-4-156048-7.  
Case studies of health projects in nine developing countries including China, Cuba, Tanzania, and India are presented. A broad view of world poverty and health is given and various problems confronting health services are discussed. Recommendations made to WHO and UNICEF for improving health care delivery systems are listed.
- 005 Dorozynsky, A.** *Doctors and Healers*. International Development Research Centre, P.O. Box 8500, Ottawa, Ontario, Canada K1G 3H9. 1975. Microfiche copy, \$1.00. 63 pp.  
Questions many of the approaches to health care that are now being devised. The author re-examines a number of traditionally held attitudes concerning the roles of physicians and other health workers. Medical priorities are questioned, forces behind "the brain drain" analyzed, and examples of alternative approaches to health care from China and elsewhere are presented.
- 006 Golladay, F. and B. Liese.** *Health Issues and Policies in the Developing Countries*. Staff Working Paper No. 412. The World Bank, 1818 H St., N.W., Washington, D.C. 20433 USA. 1980. \$5.00. 55 pp.  
After two decades of neglect, health has reappeared as a significant concern among development authorities and financing institutions. This paper focuses on the principal health policy issues facing developing countries over the next two decades. It also examines problems in the organization and operation of basic health services, and the financing of health care. The most promising solution to the problems of equity and access is primary health care, defined as essential health care provided in the community which relies upon community resources. Although the idea has strong political support, adequate strategies for its large-scale implementation have not yet been devised.
- 007 Gwatkin, D. et al.** *Can Health and Nutrition Interventions Make a Difference?* Overseas Development Council, 1717 Massachusetts Ave., N.W., Washington, D.C. 20036 USA. Monograph No. 13. 1980. \$3.00. 76 pp.  
Important attempt to evaluate the impact on health status of ten health and nutrition projects to identify key interventions. The authors present a persuasive case that in the hands of able leaders and for populations up to 70,000 in number, well designed and effectively operated projects can reduce infant and child mortality rates by one third to one half within five years. Foreword by Halfdan Mahler.
- 008 Health For All: An Alternative Strategy.** Indian Council of Social Science Research and The Indian Council of Medical Research. Available from Voluntary Health Association of India, C-14 Community Centre, SDA, New Delhi 110016 India. 1981. 18 Rupees. 262 pp.  
For many years, progress in India was equated with its capacity to reproduce Western type social institutions and services, particularly in the health area. The continuing poor health situation brings this approach into question. This joint report presents an alternative model which attempts to integrate preventive and curative functions and combine the best elements in the tradition and culture of the people of India with modern science and technology.

- 009** *Health Sector Policy Paper*. World Bank, Publications Unit, 1818 H St., N.W., Washington, D.C. 20433 USA. 1980. \$5.00. 90 pp. English, French, Spanish, Japanese, and Arabic.
- This paper draws on the experience of 70 World Bank health projects in 44 countries. Discussed are the disproportionately high cost of curative medicine, the maintenance of expensive hospitals, and the advanced training of medical personnel completed at the cost of preventive care for the majority of people. A recommendation is made that the Bank begin regular and direct lending for low-cost health care systems, in addition to having health components as part of projects in other sectors.
- 010** **Hetzel, B.** (ed.). *Basic Health Care in Developing Countries: An Epidemiological Perspective*. Oxford University Press, 200 Madison Ave., New York, New York 10016 USA. 1979. \$10.95. 200 pp. ISBN 019-261223-9.
- This handbook contains essays by members of a working group sponsored by the International Epidemiological Association and WHO. Discussed are health information systems and training. Also offered is an epidemiological perspective of aspects essential to the planning, programming, implementation, and evaluation of the delivery of health care in rural areas. Geographical focus is on the Western Pacific Region and India.
- 011** *International Health Perspectives: An Introduction in Five Volumes*. Association of American Medical Colleges. Springer Publishing Co., 200 Park Ave. So., New York, New York 10003 USA. 1977. Paper edition \$27.50. 600 pp. ISBN 0-8261-2490-9.
- A self-instructional course in 5 volumes for students interested in pursuing a career in international health or involved in the health care system of a foreign country. The course can be used as a freestanding exercise or in conjunction with other course materials. Volume titles: Worldwide Overview of Health and Disease; Assessment of Health Status and Needs; Ecological Determinants of Health Problems; Sociocultural Influences on Health and Health Care; and Systems of Health Care.
- 012** **King, M.** (ed.). *Medical Care in Developing Countries: A Primer on the Medicine of Poverty and a Symposium From Makerere*. Oxford University Press, P.O. Box 72532, Nairobi, Kenya. 1966. Paper edition \$13.95. 537 pp. ISBN 0-19-644018-1.
- Classic handbook containing practical advice on many aspects of medical care directly applicable to developing countries. The book has gone through 11 printings. Discusses the organization of health services, health education, use of auxiliaries, the architecture of hospitals and health centers, teaching aids, and many other topics.
- 013** **Kingma, S.** (ed.). *The Principles and Practice of Primary Health Care*. Christian Medical Commission, World Council of Churches, 50 Route de Ferney, Geneva 20 Switzerland. Special Monograph Series No. 1. April, 1979. \$2.00, bulk orders \$1.30 each. 112 pp. English, French, Spanish and Portuguese.
- A collection of essays by health professionals and public health professors on community medicine, intermediate technology, and health care technology.
- 014** **Kocher, J. and R. Cash.** *Achieving Health and Nutritional Objectives Within a Basic Needs Framework*. Harvard Institute for International Development, Publication Office, Harvard University, 1737 Cambridge St., Cambridge, Massachusetts 02138 USA. 1979. \$2.00. 51 pp.
- Health and nutritional determinants of primary health care programs are the focus of this discussion paper. Ways to improve communication and complement services among programs are considered. Analyzes delivery systems, methods of establishing priorities, and policy making.
- 015** **Newell, K.** (ed.). *Health by the People*. World Health Organization, 1211 Geneva 27 Switzerland. 1975. 36 Sw. fr. 206 pp. English, French and Spanish. ISBN 92-4-156042-8.
- A description of nine innovative health programs which has been influential in the primary health care movement. The programs fit into three types: national programs, extensions of existing systems, and local community development. Local communities played a role in all programs, either by selecting priorities for the program, selecting or "legitimizing" the primary health care worker, assisting in financing services, or by linking health activities to wider community goals.
- 016** *Population Programs and Projects*. United Nations Fund for Population Activities, 485 Lexington Ave., New York, New York 10017 USA. *Volume 1, Guide to Sources of International Population Assistance* (issued every 3 years, with occasional supplements.) Eng-

lish, French, and Spanish. *Volume 2, Inventory of Population Projects in Developing Countries Around the World* English only.

The year of 1979 marked 10 years of significant population assistance to developing countries. During this period the funds and cumulative resources have grown to more than \$500 million pledged by 93 countries. These volumes cover basic information on organizations, fields in which assistance is provided, types of support activities, restrictions on types of assistance, channels of assistance, reporting requirements, how to apply for assistance, etc. Volume 1 concludes with a four page listing of population journals.

- 017** *Primary Health Care*. World Health Organization and United Nations Childrens Fund, 1211 Geneva 27 Switzerland. 1979. 5 Sw. fr. 79 pp. English, French and Spanish. ISBN 92-4-154128-8.

This report was prepared for the International Conference on Primary Health Care sponsored by WHO and UNICEF in Alma-Ata, U.S.S.R., September 1978. The conference focused on the need of developing countries to achieve an acceptable level of primary health care as part of social development and social justice. Discusses costs of providing health care, community participation, and approaches to make basic health care universally accessible.

- 018** *Roemer, M. Comparative National Policies on Health Care*. Dekker, Inc., 270 Madison Ave., New York, New York 10016 USA. 1977. 252 pp. ISBN 0-8247-6567-2.

Although no two nations or no two health systems are exactly alike, the author finds it useful to cluster health care systems into a small number of types. These are free enterprise, welfare state, underdeveloped, transitional, and socialist. Problems of man-

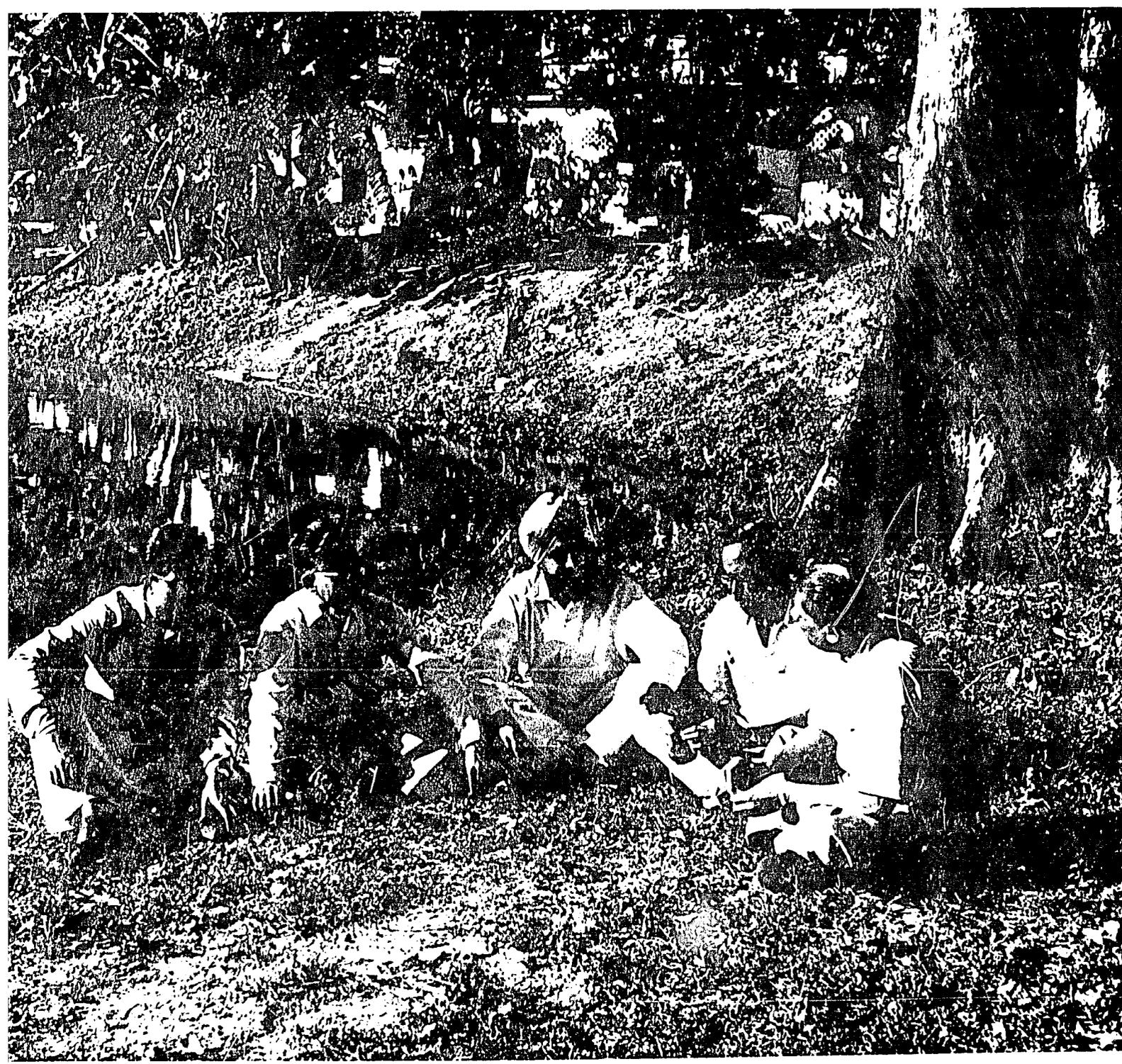
power and health care delivery are examined for each of these types of health systems.

- 019** *Syncrisis: The Dynamics of Health*. 23 Volumes. Office of International Health, U.S. Department of Health and Human Services. Available from National Technical Information Service, 5285 Port Royal Rd., Springfield, Virginia 22161 USA. Dates range from 1970 to 1977. \$11-18.00/volume, microfiche \$4.50/volume.

The syncrisis series presents an analysis of health status and health delivery systems in 24 developing countries. These reports are based on published and unpublished materials from individual countries and international agencies.

COUNTRY	ORDER NUMBER
Panama	PB 80147325
Philippines	PB 80138076
El Salvador	PB 8013804
Haiti	PB 80145246
Liberia	HRP0028072/7
Ethiopia	HRP0028071/9
Dominican Republic	HRP0028073/5WW
Ghana	PB 80147697
Nicaragua	HRP0028075/0WW
Thailand	HRP0028076/8WW
Botswana, Lesotho, Swaziland	HRP0028077/6WW
Zaire	PB 80145246
Egypt	PB 80145253
Bangladesh	HRP0028079/2WW
Pakistan	HRP0028080/0WW
Senegal	HRP0028081/8WW
Jamaica	HRP0028082/6WW
Jordan	HRP0028083
Morocco	HRP0028084
Syria	HRP0028085
Afghanistan	HRP002815

*Planning and management of primary health care requires many skills. A sanitary engineer, a health educator, two researchers, and a training specialist discuss health services in a village in India. WHO Photo*



# planning and management of primary health care

- 020 Bainbridge, J. and S. Sapirie.** *Health Project Management: A Manual of Procedures for Formulating and Implementing Health Projects.* World Health Organization, 1211 Geneva 27 Switzerland. Offset Pub. No. 12. 1974. 38 Sw. fr. 280 pp. English and French.  
A basic work on health programming for health managers in developing countries.
- 021 Bennett, F. (ed.).** *Community Diagnosis and Health Action: A Manual for Tropical and Rural Areas.* MacMillan Press Ltd., Houndmills, Basingstoke, Hants RG21 2XS United Kingdom. 1979. £ 3.50. 190 pp. ISBN 0-333-26163-1. Also available in paperback in MacMillan Tropical Community Health Manual Series. See entry 074.  
Physicians and other health workers need to learn techniques of analysis and diagnosis of major community health problems. For evaluation of coverage rates, knowledge of population denominators is required. Stimulation of self-help projects requires understanding of community priorities. These and other topics are discussed in this excellent book.
- 022 Clark, N. and J. McCaffery.** *Demystifying Evaluation.* World Education, 1414 Sixth Ave., New York, New York 10019 USA. 1979. Free to developing countries. ISBN 0-914262-4.  
A manual for a training seminar on evaluation. For staff of development programs, this book is based on an actual evaluation seminar conducted by World Education and the National Christian Council of Kenya in 1977. Written in simple language, this manual includes drawings and illustrations produced at the seminar.
- 023 Dixon, R.** *Assessing the Impact of Development Projects on Women.* AID R & D Report Distribution Center, P.O. Box 353, Norfolk, Virginia 23501 USA. 1980. \$1.80. 105 pp.  
A framework is presented for analyzing women's participation in and benefit from development projects and predominant factors affecting women. The case studies review rural and urban development, agriculture, marketing, education, and health.
- 024 Elzinga, A.** *Evaluating the Evaluation Game: On the Methodology of Project Evaluation, with Special Reference to Development Cooperation.* Swedish Agency for Research Cooperation with Developing Countries, S-105 25 Stockholm, Sweden. 1981. Free on request from developing countries. 71 pp.  
Evaluation research is now a well developed sub-field of social science in developed countries. Applied evaluation research in the development field is less well codified. This monograph explores paradoxes and unanticipated consequences in the application of this technology to development programs.
- 025 Field Director's Handbook: Guidelines and Information on Assessing Projects.** Oxfam, 274 Banbury Rd., Oxford OX27DZ United Kingdom. 1980. \$20. 480 pp.  
This large loose-leaf notebook contains concise, clear information on health, agriculture, disaster relief, and community development programs. Mobile health clinics, patient-related health records and primary health care are covered in the health section of this handbook.
- 026 The Functional Analysis of Health Needs and Services.** Johns Hopkins University, Asia Publishing House, INDIRA Place, Connaught Circus, New Delhi, India. 1976. \$14.00. 292 pp. ISBN 0-210-40582-1.  
A study conducted in India and Turkey on methodology for the assessment of health needs and services in functional terms. The four-part book introduces the functional analysis approach and its rationale; discusses the method and findings; and summarizes the research. Topics examined include the routine application of the functional analysis approach, the information-generating system and data collection schemes and analyses.
- 027 Gish, O.** *Guidelines for Health Planners: The Planning and Management of Health Services in Developing Countries.* Tri-Med Books, Ltd., London. Available from TALC, Institute of Child Health, 30 Guilford St., London WC 1N1EH United Kingdom. 1977. \$3 plus postage. 96 pp. ISBN 0-905402-2.  
A book for health planners in Third World countries on the basic factors which must be taken into account when planning the allocations of health resources under conditions of limited budgets, limited trained manpower and relatively low levels of administrative capability. Areas in most countries which need additional research in order to improve planning include vital statistics, outreach from health centers, use of mobile teams and drug utilization.
- 028 Grundy, F. and W. Reinke.** *Health Practice Research and Formalized Managerial Methods.* World Health Organization, 1211 Geneva 27 Switzerland. Public Health Papers, No. 51. 1973. 18 Sw. fr. 193 pp. English,

French, and Japanese. ISBN 92-4-130051-5.

An expansion of the conclusions reached by a group of WHO consultants on the principles of health practice research and the managerial methods used in tackling health practice problems. Those with little or no experience of operations in government administration should find this paper particularly useful.

- 029 Hall, T. and A. Mejia (eds.).** *Health Manpower Planning: Principles, Methods, Issues.* World Health Organization, 1211 Geneva 27 Switzerland. 1978. 50 Sw. fr. 313 pp. English, French, and Spanish. ISBN 92-4-154-130-X.

Elements and principles of health manpower planning as part of overall health planning are considered. The potential benefits and limitations of techniques that can be used to meet common problems in the planning process are discussed. Key issues on health manpower distribution and utilization are raised.

- 030 Hornby, P. et al.** *Guidelines for Health Manpower Planning: A Coursebook.* Division of Health Manpower Development, World Health Organization, 1211 Geneva 27 Switzerland. 1980. 368 pp. English. ISBN 9-24154156-3. Spanish edition to be available from the Human Resources and Research Division of the Pan American Health Organization.

A follow-up volume to Hall and Mejia cited in entry 029. While the Hall and Mejia volume provides an overview and a context for health manpower planning, this volume is designed for persons who are going to implement a plan. It is organized for self-instruction with clearly stated learning objectives. Highly recommended.

- 031 Howard, L.** *A New Look at Development Cooperation for Health: A Study of Official Donor Policies, Programmes and Perspectives in Support of Health for All by the Year 2000.* World Health Organization, 1211 Geneva 27 Switzerland. 1981. 649 pp. Available from Office of Resource Mobilization, Room 935, Pan American Health Organization, 525 23rd St., N.W., Washington, D.C. 20037 USA. Price to be determined.

This comprehensive study of donor policies in the health area shows that there is room for expansion in the number of health programs in developing countries receiving help from bilateral and international donors. Other development sectors, such as agriculture, are shown to be more effective in obtaining external donor support. More donor agencies than are now supporting health programs are shown to be favorable towards

such support—now and in the future. Responsibility for translating this favorable attitude into program support lies with international health consultants and personnel in health ministries of developing countries.

- 032 Kleczkowski, B. and R. Pibouleau (eds.).** *Approaches to Planning and Design of Health Care Facilities in Developing Areas.* World Health Organization, 1211 Geneva 27 Switzerland. Vol. 1, Offset Publication No. 29. 1976. 145 pp. English, French, and Spanish. Vol. 2, Offset Publication No. 37. 1977. 145 pp. English, French, and Spanish. Vol. 3, Offset Publication No. 45. 1979. 149 pp. English, French, and Spanish. Cost of these publications is 21 Sw. fr. each.

Three useful documents for planners containing complete basic documentation for designing health care facilities and taking into account scarce resources, special disease problems and unusual climatic conditions. Includes articles on area wide facilities planning, providing for future expansion, and other topics. Diagrams and floor plans are included.

- 033 McMahon, R. et al.** *On Being in Charge: A Guide for Middle-Level Management in Primary Health Care.* World Health Organization, 1211 Geneva 27 Switzerland. 1980. 12 Sw. fr. 366 pp. English and French. ISBN 92-4-154148-2.

Health auxiliaries and village health workers' success depends crucially on the support and supervision they receive. This guide is intended to help health workers who are responsible for this support and supervision and for the organization and management of primary health care services and resources. The concept of the health team approach is explained in detail with special emphasis given to the role of manager. Case problems and group exercises are included at the end of each chapter.

- 034** *Message from Calcutta: Highlights of the WFPHA Third International Congress on Primary Health Care.* World Federation of Public Health Associations Secretariat, %American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005 USA. 1982. \$5.00. 163 pp.

Contains the major points of over fifty presentations at the 1981 conference on the theme *Primary Health Care: World Strategy*. Sub-themes include developing national plans of action, implementation of field programs, manpower planning and training, demonstration and research projects, and community participation.

- 035 **O'Connor, R.** (ed.). *Managing Health Systems in Developing Areas: Experiences from Afghanistan*. Gower Publishing Co., Ltd., Gower House, Croft Rd., Aldershot, Hampshire GU11 3HR United Kingdom. 1980. \$27.50. 314 pp. ISBN 0-669-03646-3.

A review of Afghanistan's attempt to improve the country's rural health care system. The state of the national health system is described and the strategies used to improve that system are outlined and evaluated. The account focuses on the essential lessons learned in a productive government-donor relationship. Highly recommended.

**Petrich, E.** et al. *Management of Primary Health Care in Developing Countries: A Selected Annotated Bibliography*. See entry 249.

- 036 **Smith, R.** (ed.) *Manpower and Primary Health Care: Guidelines for Improving/Expanding Health Service Coverage in Developing Countries*. Univ. of Hawaii Press, 2840 Kolowalu St., Honolulu, Hawaii 96822 USA. 1978. \$10.00. 208 pp. ISBN 0-8248-0607-7.

Drawing from a wide range of experience in the U.S., Micronesia, Africa, South America and Asia, a workable design approach is presented to improve and ex-

pand primary health care delivery. Utilizing health personnel other than doctors is stressed. The key elements of a successful program to train and use community health workers and mid-level personnel are detailed.

- 037 **Sorkin, A.** *Health Economics in Developing Countries*. Lexington Books, 125 Spring St., Lexington, Massachusetts 02173 USA. 1976. \$17.95. ISBN 0-669-96875-7.

This book is a compendium of literature dealing with the economic aspects of health care in developing countries. Health planning, financing of health services, and the advantages of health centers are covered.

- 038 **Zschock, D.** *Health Care Financing in Developing Countries*. American Public Health Association, 1015 Fifteenth St., N.W., Washington, D.C. 20005 USA. Monograph No. 1. 1979. \$5.00. 88 pp.

An overview written for the non-economist. Covers determinants of health care financing, sources for financing, and an appraisal of financing in the health sector. Case studies in Colombia, South Korea, Bolivia, the Dominican Republic, and Botswana are presented.

*Traditional midwives, called hilots in the Philippines, attend a class in modern methods of delivery, sanitation, and hygiene sponsored by the Philippines government. The hilots range in age from 50 to 70 years. WHO Photo by D. Whitney*



# manpower training and utilization

- 040 Akhtar, S. et al.** (eds.). *Low-Cost Rural Health Care and Health Manpower Training: An Annotated Bibliography with Special Emphasis on Developing Countries*. Volumes 1 through 7. International Development Research Centre (IDRC), P.O. Box 8500, Ottawa, Ontario K1G 3H9 Canada. \$10.00 for each volume. Free to developing countries.

<i>Editor</i>	<i>Volume</i>	<i>Date</i>	<i>ISBN Number</i>
Akhtar, S.	1	1975	0-88936-051-0
DeLaney, F.	2	1976	0-88936-093-6
DeLaney, F.	3	1977	0-88936-138-X
DeLaney, F.	4	1979	0-88936-201-7
Bechtel, R.	5	1980	0-88936-233-5
Bechtel, R.	6	1980	0-88936-249-1
Bechtel, R.	7	1981	0-88936-290-4

This series of 7 volumes published between 1975 and 1981 abstracts articles, books and unpublished documents about new models of health care delivery and the training and utilization of auxiliary health workers in remote regions of the world, especially developing countries. The series also deals with the impact of health services on mortality, morbidity, nutrition, and the epidemiology of diseases. Other subjects include the relationship between health care systems, schools, and the community. The training and function of health care personnel is also addressed in these volumes.

The series is useful to (1) persons who are involved in planning, operating, and evaluating systems to provide rural health services, (2) persons concerned with the training of auxiliary health workers to staff such systems, and (3) organizations that are supporting research into the problems of organizing health care delivery. The series' goal is to facilitate more effective transfer of information.

IDRC, which publishes the series, can provide up to 30 pages photocopied or in microfiche of the documents which are abstracted if the documents are difficult to obtain locally. If a document exceeds 30 pages, IDRC will furnish a copy of the table of contents or other relevant information in order to refine the request. The 7 volumes average about 170 pages each in length and include 700 abstracts per volume. All volumes also include a geographical index, an author index, and a subject index.

- 041 Brownlee, A.** *Community, Culture and Care: A Cross-Cultural Guide for Health Workers*. C.V. Mosby Co., 11830 West Line Industrial Dr., St. Louis, Missouri 63141 USA. 1978. \$12.95. 316 pp. ISBN 0-8016-0829-5.

A practical guide for health professionals working in unfamiliar cultures. Suggestions on how to understand and approach the cultural, economic, social, and health-related variables are given. Reviews methods for gathering health related information at the community level. A useful tool in preparing expatriates for overseas work and for local nurses and physicians working in rural areas.

- 042 Crone, C. and C. St. John Hunter** (eds.). *From the Field: Training Activities for Nonformal Educators*. World Education, 251 Park Ave., So., New York, New York 10010 USA. 1979. \$9.20. 148 pp. English and Spanish.

A manual for those who train teachers, community organizers and others. Covers ways for participants to collect information about their learners, how to assess learning activities, and how to help trainees develop trust and cooperation among themselves.

- 043 Durana, I. et al.** *Teaching Strategies for Primary Health Care: A Syllabus*. The Rockefeller Foundation, 1133 Avenue of the Americas, New York, New York 10036 USA. 1980. Free. 176 pp. English and French.

A joint effort of many individuals, this syllabus was developed in the course of training primary health care workers in Zaire. It should assist teachers and practitioners in that it outlines recommended content in ten sub-areas of primary health care. Each section concludes with suggestions regarding teaching and learning strategies. In some sections, technical terms are not defined; therefore, additional resources will be needed.

- 044 Esman, M. et al.** *Paraprofessionals in Rural Development*. Cornell University, Center for International Studies, Rural Development Committee, 170 Uris Hall, Ithaca, New York 14853 USA. 1980. \$5.00. 149 pp.

Assesses the use of paraprofessionals in rural development projects. Provides insights and practical assistance to government officials, voluntary agencies and development assistance organizations which design and implement activities involving paraprofessionals. This paper is based on paraprofessionals' reports, field studies, and literature reviews.

**Elliott, K.** *Auxiliaries in Primary Health Care: An Annotated Bibliography*. See entry 242.

- 045 Fendall, N.** *Auxiliaries in Health Care: Programs in Developing Countries*. Johns Hopkins Press, 654 Wolfe St., Baltimore, Maryland 21205 USA. 1972. 200 pp. English, French, and Spanish.

A thorough discussion of auxiliaries' functions and training, organized by worker categories. Need, availability, training potential, and utilization of auxiliaries are also addressed. The book is directed to health administrators and planners, practitioners, supervisors, and teachers. Suggested medical assistance curriculum included.

- 046 Lynton, R. and U. Pareek.** *Training for Development.* Kumarian Press, 29 Bishop Rd., West Hartford, Connecticut 06119 USA. 1978. \$7.95. 398 pp. ISBN 0-031816-25-4.

A book by and for trainers. Methods of training, the training process, and the phases of training are discussed. This well organized book clearly presents training strategies according to educational goals. For

those concerned with understanding program implementation, evaluation of trainers, and continuing education activities.

- 047 Storms, D.** *Training and Use of Auxiliary Health Workers.* American Public Health Association, 1015 Fifteenth St., N.W., Washington, D.C. 20005 USA. Monograph No. 3. 1979. \$5.00. 143 pp.

Pulls together experience in the areas of design and management of non-physician health provider programs in developing countries. Topics covered include recruitment, selection, and training of auxiliary health workers, and program design, implementation, and evaluation. Intended for use by program planners and managers from the regional to the local level.

# community participation and health education

- 048 Byrne, M. and F. Bennett.** *Community Nursing in Developing Countries: A Manual for the Auxiliary Public Health Nurse.* Oxford University Press, 200 Madison Ave., New York, New York 10016 USA. 1973.  
Deals with home visiting and public health nursing, health education, and the improvement of community health. Prepared for use by teachers of auxiliary nurses in developing countries.
- 049 Cohen, J. and N. Uphoff.** *Rural Development Participation: Concepts and Measures for Project Design, Implementation and Evaluation.* Rural Development Committee, Center for International Studies, Cornell University, 170 Uris Hall, Ithaca, New York 14853 USA. Monograph Series No. 2. 1977. \$5.00. 317 pp.  
This monograph presents a framework for analyzing community participation, then applies the framework to a specific project. Analytical tools such as graphs and charts are included.
- 050** *Community Health Education in Developing Countries: Getting Started.* ACTION/Peace Corps, Peace Corps Information Collection and Exchange Manual Series 8. 806 Connecticut Ave., N.W., Washington D.C. 20525 USA. Revision planned, currently out of print. Cost is less than \$10.00.  
This manual is directed toward field workers doing health education in developing countries. Section on planning, implementing and evaluating community health programs could also be useful in providing a field perspective for project planners and administrators. The manual contains a list of sources of materials and information.
- 051 Coombs, P. (ed.)** *Meeting the Basic Needs of the Rural Poor: The Integrated Community-Based Approach.* Pergamon Press, Inc., Maxwell House, Fairview Park, Elmsford, New York 10523 USA. 1980. \$20.00 paper edition. 816 pp. ISBN 0-08-026306-2.  
This is a useful book on community participation in rural development programs, including primary health care at Savar, Bangladesh; Lampang, Thailand; and the Sarvodaya Movement in Sri Lanka. A good introduction and summary make this book appropriate for a primary health care bookshelf or teaching institute.
- 052 Futagami, S. et al.** *The Educational Use of Mass Media.* The World Bank, 1818 H St., N.W., Washington, D.C. 20433 USA. Staff Working Paper No. 491. 1981. \$5.00. 124 pp.
- The role of mass media in public education campaigns is subject to debate. Some argue that while attitudes can be changed, behavior is more resistant to change. But commercial enterprises have never doubted the power of mass media. What has kept educators from using media to maximum advantage? These and other issues are fully explored in this excellent state-of-the-art report by 12 consultants and staff of the World Bank's Education Department.
- 053 Rifkin, S. (ed.).** *Health, The Human Factor: Readings in Health, Development and Community Participation.* Contact Special Series Monograph No. 3, Christian Medical Commission, World Council of Churches, 150 Route de Ferney, 1211 Geneva 20 Switzerland. 1980. \$2.00. 124 pp. English. Spanish and French soon to be available.  
This volume is made up of 11 informative articles on community participation reprinted or appearing for the first time in this volume. The articles demonstrate that moving from rhetoric to implementation of community participation is not easy. Includes experience of participation in a number of health programs as well as position papers by David Werner and others.
- 054** *Rural Women's Participation in Development: Evaluation Study Number 3.* United Nations Development Programme, 1 United Nations Plaza, New York, New York 10017 USA. 1980. 226 pp.  
A general assessment of women's participation in Africa, Arab States, Asia, and Latin America by sector. Employment, health, education, training and rural development are the subjects covered. Includes four country case studies with more specific information on women's status and describes the program efforts of U.N. agencies. Includes interesting statistical indicators of participation.
- 055 Scotney, N.** *Health Education: A Manual for Medical Assistants and Other Rural Health Workers.* African Medical and Research Foundation, P.O. Box 30125, Nairobi, Kenya. 1976. \$3.00. 141 pp. paperback. One of AMREF's Rural Health Series Manuals. See entry 258.  
Health education is part of the work of every member of the health team. Many health workers have not been adequately trained with the result that health education has been restricted in quantity and quality. This concise, jargon-free book reflects the author's wide experience in health education and uses examples from East Africa.

- 056 Simmons, J. (ed.).** *Making Health Education Work.* American Public Health Association, 1015 Fifteenth St., N.W., Washington, D.C. 20005 USA. 1976. \$6.00. 168 pp. ISBN 0-87553-080X.

Ideas, experience and advice from more than 100 programs are presented by members of a general advisory committee appointed by APHA's Health Education Section and the Society for Public Health Education. An overview of how health education principles were applied in the past decade to health programs serving low-income and minority groups. Suggestions for overcoming deficiencies and strengthening educational efforts are included.

- 057 Stinson, W.** *Community Financing of Primary Health Care.* American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005 USA. Primary Health Care Issues Paper No. 4, 1982. 90 pp. ISBN 0-877553-100-8.

Reviews and assesses community resource generation methods in one hundred health service projects throughout Asia, the Near East, Africa, and Latin America. Five principal methods are described: personal services fees, drug sales, prepayment, labor donation, and ad hoc contributions. The author concludes that community financing will cover only a portion of the costs of primary health care and will be difficult to establish in large-scale government-sponsored programs.

- 058 Uphoff, N. et al.** *Feasibility and Application of Rural Development Participation: A State of the Art Paper.* Rural Development Committee, Center for International Studies, Cornell University, 170 Uris Hall, Ithaca, New York 14853 USA. Monograph Series No. 3. 1979. \$5.00. 338 pp.

Illustrates how participatory concepts relate to operational development work. Reviews two strategies based on popular participation: community development and "animation rurale." Considers the presence of landless and near landless women and disadvantaged ethnic groups in project design and implementation. Looks at experience with participatory approaches in specific sectors, including rural health care.



*Monitoring a child's growth is the most important screening device to detect childhood malnutrition. This photo shows a health worker weighing a baby in the Solomon Islands. ICEF/7676. Watson*

# delivery of health services

## A. Nutrition

- 059 Austin, J. and M. Zeitlin (eds.).** *Nutrition Intervention in Developing Countries: An Overview.* Oelgeschlager, Gunn and Hain, 1278 Massachusetts Ave., Cambridge, Massachusetts 02138 USA. 1981. \$25.00. 227 pp. ISBN 0-89946-0771.
- In this comprehensive view of 7 major nutrition programs, health professionals, sociologists, administrators, public policy specialists, and economists identify and discuss key principles and issues of nutrition planning. This book is a summary of a 5-volume study conducted by the Harvard Institute for International Development. The studies are available individually or as a set (U.S. \$30.00/study; \$125.00/set) and focus on supplementary feeding, nutrition education, formulated foods, agronomy and nutritional goals, and integrated nutrition and primary health care programs.
- 060 Beaton, G. and J. Bengoa.** *Nutrition in Preventive Medicine.* World Health Organization, 1211 Geneva 27 Switzerland. Monograph Series, No. 62. 1976. 83 Sw. fr. 590 pp. English, French, Russian, and Spanish. ISBN 92-4-140062-5.
- Authoritative textbook which discusses the major deficiency syndromes, epidemiology and approaches to control of malnutrition. Control strategies include nutrition education, immunization, feeding programs, nutritional rehabilitation, and policy making.
- 061 Berg, A.** *The Nutrition Factor: Its Role in National Development.* Brookings Institution, 1775 Massachusetts Ave., N.W., Washington, D.C. 20036 USA. 1973. \$5.95. ISBN 0-8175-0913-7.
- Based on a jointly sponsored study by the Foundation for Child Development and the Brookings Institution, this book examines malnutrition as an impediment to national development. Focuses on policy planning, nutrition beyond clinical and laboratory confines, and the affect of malnutrition on national economic growth.
- 062 Breastfeeding.** World Health Organization, Maternal and Child Health Unit, Avenue Appia, 1211 Geneva 27 Switzerland. 1979. Free. 40 pp. Brochure. English, French, and Spanish.
- This illustrated brochure is designed to assist health workers and others to encourage breastfeeding. The brochure covers the natural course of breastfeeding, conditions that help the mother to breastfeed successfully, situations that need special attention, and ways in which the health worker can help. Primarily designed for health workers, the brochure can easily be used by others.
- 063 Brown, J. and R. Brown.** *Finding the Causes of Childhood Malnutrition: A Community Handbook for Developing Countries.* Presbyterian Church in the United States, Office of World Services, 341 Ponce de Leon Ave., N.E., Atlanta, Georgia 30365 USA. 1979. \$2.00. 73 pp. English and French.
- A handbook for health workers who want to attack protein-energy malnutrition of children in their own communities. Written in basic English: for readers with six years of education. Helps answer 3 important questions: (a) how to measure community malnutrition; (b) what food problems exist in the community; and (c) which problems should be attacked. The appendices include how to measure arm circumference, how to find a child's birth date, and how to measure weight-for-age and weight-for-length.
- 064 Cameron, M. and Y. Hofvander.** *Manual on Feeding Infants and Young Children.* Sub-Committee on Nutrition, Food and Agriculture Organization. Available from UNIPUB, 345 Park Ave., New York, New York 10010 USA. 1979. \$10.00. 184 pp. English, French, and Spanish. ISBN 92-5-100951-9.
- Designed primarily for health professionals with basic knowledge of nutrition. Normal child growth, nutritional needs, and the importance of breastfeeding are discussed and comprehensive information is given on low-cost homemade weaning foods.
- 065 Griffiths, M.** *Growth Monitoring of Preschool Children: Practical Considerations for Primary Health Care.* American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005 USA. Primary Health Care Issues Paper No. 3. 1981. 70 pp.
- This report summarizes the role of growth monitoring in nutrition and primary health care programs. Gives the planner concrete information to answer questions on measurement methods, standards, and cut-off points. Includes much information about involving mothers and about educational follow-up to monitoring. Many charts, graphs, and illustrations.
- 066 Guidelines for the Training of Community Health Workers in Nutrition.** World Health Organization, 1211 Geneva 27 Switzerland. Offset Pub. Series No. 59. 1981. 12 Sw. fr. 153 pp. English, French, and Spanish. ISBN 92-4-170059-9.
- A manual of basic steps for training community workers in nutrition-related tasks. Provisions are made for adopting the methods and educational technology to the unique conditions facing each trainer. The manual is organized by teaching modules.

*Targeting of health services to high risk groups such as mothers and young children is a basic strategy in primary health care. Below are a mother and child in Kenya. ICEF/8486. Black*

- 067** Jelliffe, D. and E. Jelliffe. *Human Milk in the Modern World: Psychosocial, Nutritional and Economic Significance*. Oxford University Press, 200 Madison Ave., New York, New York 10016 USA. 1978. \$17.95. 510 pp. ISBN 0-19-2649213.

Reappraises the role of human milk and breastfeeding in developed and developing countries. Covers global food supplies, child spacing, infectious diseases and prevention, mother-neonate interaction, and emerging information on specific nutritional needs of young infants.

- 068** King, M. *et al. Nutrition in Developing Countries*. Oxford University Press, Nairobi. 1972. Available from Teaching Aids at Low Cost, Institute of Child Health, 30 Guilford Street, London WC1N 1EH United Kingdom. 300 pp. £ 2.70. English. Spanish available from Editorial Pax Mexico, Libreria Carlos, Apartado Postal 45-009, Mexico 1, D.F. Mexico.

Written in simple English for ease of translation, this illustrated nutrition manual would be of great use at the village level in many countries. Though written mainly for eastern and southern Africa, the simple technology, remedies, and preventive measures suggested are applicable in many countries. Includes a vocabulary index which explains unusual terms. Appendix explains how the book can be used in a class.

- 069** Morley, D. and M. Woodland. *See How They Grow: Monitoring a Child's Growth for Appropriate Health Care in Developing Countries*. MacMillan Press Ltd., Hounds Millis, Basingstoke, Hampshire RG212XS United Kingdom. Tropical Community Health Manual Series. 1979. 265 pp. ISBN 0-333-25772-3.

Demonstrates an approach to overcoming malnutrition by monitoring growth using a simple chart. Instructions to make the chart are provided. Attention is given to the growth curve of specific conditions including severe measles, whooping cough, diarrhea, tuberculosis, urinary tract infections, malaria, and anemia. This chart is presently being used in many countries.

- 070** Sommer, A. *A Field Guide to the Detection and Control of Xerophthalmia*. World Health Organization, 1211 Geneva 27 Switzerland. 1978. 10 Sw. fr. 47 pp. English, French, Russian, and Spanish. ISBN 92-4-154127-X.

Important guide to detecting Vitamin A deficiency blindness. Includes 30 color plates.



- 071** Vemury, M. *Rural Food Habits in Six Developing Countries*. CARE, 660 First Ave., New York, New York 10016 USA. 1981. 199 pp.

Malnutrition may result not only from poverty and inequitable food distribution but also from cultural beliefs and food habits. This excellent survey shows how beliefs impact on food consumption, in Peru, Colombia, Guatemala, Tunisia, Jordan and Bangladesh.

## B. Maternal and Child Health

- 072** **Aarons, A. and H. Hawes.** *Child-to-Child. Teaching Aids at Low Cost*, Institute of Child Health, 30 Guilford St., London WC1N 1EH United Kingdom. 1979. £ 2. 104 pp. English, French, Spanish, and Indonesian. This book states: "we know a group of community workers who know every inch of the village, who are accepted by everyone, who want to help their community, who will work hard (for short periods of time) and cheerfully (all the time) . . . These workers are the boys and girls of the village." This book points out what children already do towards helping each other and suggests ways in which their contributions can be more effective. Written in clear language with many illustrations.
- Baumslag, N.** *et al. Breast Is Best: A Bibliography on Breastfeeding and Infant Health.* See entry 244.
- 073** *Handbook for Lady Health Visitors and Midwives.* Aga Khan Central Health Board, 516 Gold Street, Garden East, Karachi 5 Pakistan. 1981. Free to libraries. 157 pp. A joint publication of UNICEF and the Aga Khan Foundation, this book aims to provide specialized skills and knowledge to mid-level workers in primary and maternal/child health care.
- 074** **Ebrahim, G.** *MacMillan Tropical Community Health Manual Series.* MacMillan Press Ltd., Hounds Mills, Basingstoke, Hampshire RG212XS United Kingdom. 1978. Prices range from £ 1.00 to £ 1.50 per book. See entry 095. These short practical books are geared to health personnel engaged in improving maternal and child health in tropical and sub-tropical regions. Titles: *Breast-feeding: the Biological Option; Handbook of Tropical Pediatrics; Child Care in the Tropics; Care of the Newborn in Developing Countries; and Practical Mother and Child Health in Developing Countries.*
- 075** **King, M.** *et al. Primary Child Care: A Manual for Health Workers.* Oxford University Press, 200 Madison Ave., New York, New York 10016 USA. Book I. 1978. \$7.95. 328 pp. ISBN 0-19-264229-4. Important manual for health workers providing curative care to children, written in clear language with many illustrations. Uses a step by step approach going from basic to more in-depth information. Contains more detailed information than "Where There Is No Doctor." Includes a glossary.
- 076** **King, M. and F. King.** *Primary Child Care: A Guide for the Community Leader, Manager and Teacher.* Oxford University Press, 200 Madison Ave., New York, New York 10016 USA. 1979. \$10.95. 104 pp. ISBN 0-19-264230-8. In this second volume, district medical officers, senior nurses and midwives are shown how to measure and improve child care services. Multiple choice exercises are given at the end of each chapter. An answer kit is provided so that materials can be reused.
- 077** **Morley, D.** *Pediatric Priorities in the Developing World.* Butterworth: London. 1973. Available from Teaching Aids at Low Cost, Institute of Child Health, 30 Guilford St., London WC1N 1EH United Kingdom. £ 3. 470 pp. English, Indonesian, Spanish, and Portuguese. This book examines child health services in developing countries. The effect of infectious diseases on the nutritional status of the child together with methods for improving child nutrition receive special emphasis. Also stressed are social, economic, and cultural factors encountered in trying to improve child health in rural areas, factors which presently receive little emphasis in the training of health personnel.
- 078** **Myles, M.** *A Textbook for Midwives.* 8th edition. Churchill Livingstone, 19 West 44th St., Suite 301, New York, New York 10036 USA. 1974. \$16.00. 848 pp. ISBN 0-443-01079-X. A comprehensive illustrated midwifery text prepared with the needs of developing countries in mind.
- 079** *Risk Approach for Maternal and Child Health Care.* World Health Organization, 1211 Geneva 27 Switzerland. Offset Pub. No. 39. 1978. 9 Sw. fr. 42 pp. English, French, and Spanish. ISBN 92-4-170039-4. An explanation of the "risk approach," a method to screen priority health problems by determining the risk to mothers and children.
- 080** *Toward A Better Future: Maternal and Child Health.* World Health Organization, 1211 Geneva 27 Switzerland. 1980. 8 Sw. fr. 42 pp. ISBN 92-4-154149-0. Examines the causes and degree of risk of maternal, infant, and childhood mortality and morbidity; and discusses possible interventions. Examples are given of actions that can be immediately implemented worldwide to reduce maternal mortality rates, encourage better spacing of births, reduce the rates of low-birth-weight babies, eradicate neonatal tetanus,

High population growth rates are a threat to the goal of achieving basic health services for all. Women in India learn about family planning. ICEF 6826-6836. A. Heyman



prevent vitamin A and D deficiency diseases, reduce the number of deaths due to diarrheal diseases, and control childhood diseases.

**081** *Treatment and Prevention of Dehydration in Diarrhoeal Diseases: A Guide for Use at the Primary Level.* 2nd edition. World Health Organization, 1211 Geneva 27 Switzerland. 1979. 5 Sw. fr. 31 pp. English, French, and Arabic. Spanish edition available from Pan Amer-

ican Health Organization. ISBN 92-4-154052-4.

Simple guidelines presenting well-tried and accepted techniques for the treatment and prevention of dehydration which is due to acute diarrheal diseases. Recommends the use of an oral rehydration fluid which contains ingredients that are inexpensive and readily available. Guide for those concerned with the training of primary health care workers in the preparation of their own guidelines adapted to local needs and resources.

## C. Family Planning

- 082 Acevedo, Z.** *How to Have Intercourse Without Becoming Pregnant.* Alliance for Perinatal Research Services, 321 South Pitt Street, Alexandria, Virginia 22314 USA. \$2.00. 19 pp. Arabic, Hebrew, Italian, Laotian, Persian, Portuguese, Spanish, French, English, Cambodian, Chinese, Russian, Thai, and Vietnamese.
- This handbook was prepared for immigrant populations in the United States, but the clear, straightforward text and drawings help explain human anatomy and the advantages and disadvantages of various contraceptive methods in a manner appropriate for many groups. Discount for group orders.
- 083 Cuca, R. and C. Pierce.** *Experiments in Family Planning: Lessons from the Developing World.* The Johns Hopkins University Press, 34th and Charles St., Baltimore, Maryland 21218 USA. 1978. \$5.95. 261 pp. ISBN 08018-20146.
- A comprehensive review of 96 experiments which cover intensive campaigns to increase the acceptance and use of contraceptives, monetary payments as incentive, methods of distribution, the integration of family planning into other health services, the contribution of mass media, and the most effective type of personnel. Analyzes project method and problems such as selecting random samples and setting up adequate control groups. Guidelines for improving family planning programs are made based on the findings.
- 084 Hatcher, R. et al.** *Contraceptive Technology 1980-1981.* 10th edition. Irvington Publishers, Inc., 551 Fifth Ave., New York, New York 10017 USA. 1980. \$4.95 paper edition. 268 pp. ISBN 0-8290-0084-4.
- This comprehensive text reviews currently available contraceptive technology including hormonal contraceptives, IUDs, diaphragms, vaginal spermicides, and other techniques. Part Two of the book is devoted to medical concerns related to contraception including discussions of teenage pregnancy, sexually transmitted diseases and other topics.
- 085 Haupt, A. and T. Kane.** *Population Handbook: International Edition.* Population Reference Bureau, 1337 Connecticut Ave., N.W., Washington, DC 20036 USA. 1980. \$3.00. 75 pp. Arabic, English, French, and Spanish. ISBN 0-917136-04-7.
- A basic, easy to use handbook on population dynamics which explains and illustrates numerous concepts used in demography such as age and sex composition, various fertility and mortality rates, migration and urbanization, and population changes. Includes a glossary and clear illustrations. Also available from this source is an annual World Population Data Sheet wall chart which shows basic demographic rates and estimates for all countries. Cost \$1.00.
- 086 Korten, F. and D. Korten.** *Casebook for Family Planning Management: Motivating Effective Clinic Performance.* The Pathfinder Fund, 1330 Boylston St., Chestnut Hill, Massachusetts 02167 USA. 1977. \$7.50. 340 pp. English and Spanish.
- This well organized book explores the potential of effective management and its components, including human relations in a clinical setting, patient flow, information systems, training, supervision, planning, and staff motivation. The result is a book which has application for PHC planners and administrators.
- 087 Maine, D.** *Family Planning: Its Impact on the Health of Women and Children.* Center for Population and Family Health, College of Physicians and Surgeons, Columbia University, New York, New York 10032 USA. 1981. Free. 56 pp. English. French in preparation.
- Family planning improves children's health by helping women to space their births, have smaller families and avoid pregnancies at higher risk ages. This book uses attractive and clear charts and text to review the positive impact of family planning in a number of developing countries.
- 088** *Population Reports: Population Information Program.* Johns Hopkins University, 624 North Broadway, Baltimore, Maryland 21205 USA. Series, various dates. Free. Most available in English, Spanish, Portuguese, and French.
- These valuable state-of-the-art summary reports cover many topics in the field of family planning. The Population Information Program will provide a complete listing of the reports on request, four of which are abstracted below. See also entry 371.
- 089** 1. *Community-Based and Commercial Contraceptive Distribution: An Inventory and Appraisal.* Series J, No.19. March 1978. 29 pp. Available in Arabic as well as languages listed above. Non-clinical delivery systems have developed because of the need to provide greater access to services for a majority of people. The purpose is to minimize costs of delivery and barriers confronting potential clients under the clinic-based system. Summarizes programs in 36 countries in Asia, Latin America, and Africa.

**090** 2. *Social Marketing: Does It Work?* Series J, No.21. January 1980. 43 pp. Thirty social marketing programs in 27 countries are examined for reasons for success or failure. At least half of the established projects were able to improve contraceptive availability and knowledge of family planning. Reasons for failure include lack of funds, lack of indigenous or government support, poor management, and reluctance to support a vigorous advertising campaign.

**091** 3. *Traditional Midwives and Family Planning.* Series J, No.22. May 1980. 56 pp. This comprehensive review provides helpful suggestions on integrating traditional birth attendants into health service delivery systems. However, despite interest in this subject for two decades, this review uncovered little evaluative information on the performance of TBAs doing family planning tasks.

**092** 4. *Contraceptive Prevalence Surveys: A New Source of Family Planning Data.* Series M, No.5. May/June 1981. 37 pp. Contraceptive prevalence surveys show the extent of contraceptive use, assist in the evaluation of family planning programs, and identify groups of women in need of family planning services. This is achieved through interviewing a representative sample of women in reproductive ages about their knowledge, use, and attitudes concerning contraceptive methods and their source of contraceptive supplies.

**093** Potts, M. and P. Bhiwandiwala (eds.). *Birth Control: An International Assessment.* International Fertility Research Program. University Park Press, 300 North Charles St., Baltimore, Maryland 21201 USA. 1979. \$30.00. 305 pp.

Reviews relationships between family planning, fertility, lactation, and health and presents detailed examples of more successful family planning programs in Indonesia, Thailand, India, Bangladesh, and Japan. Examines programs which face constraints in introducing female sterilization, menstrual regulation, controlled abortion, and dealing with legal, informational and resource barriers.

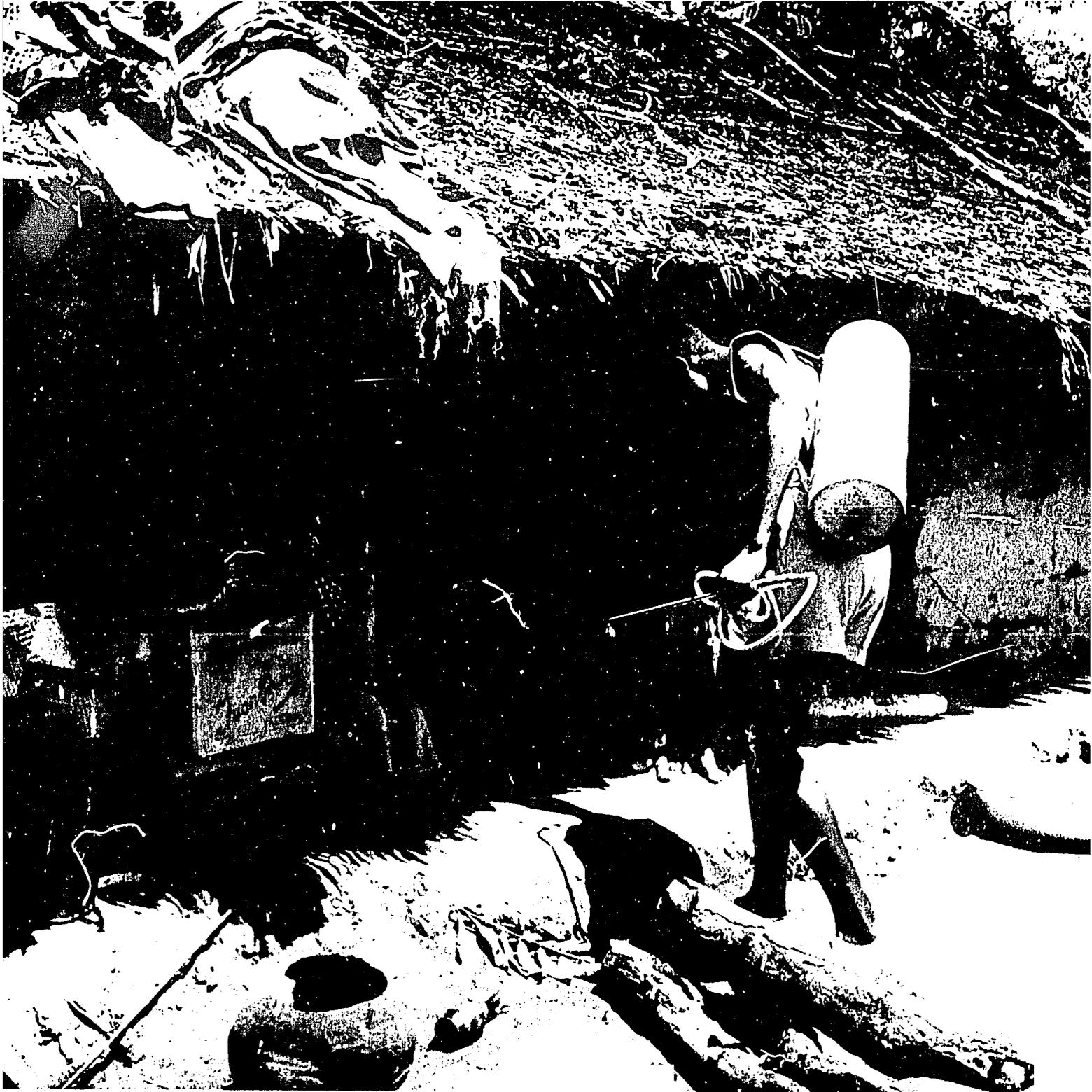


*A health worker in rural China examines a sick child.*  
ICEF 8869

## D. Medical and Dental Care

- 094** *Assisting Dental Education and Dental Public Health in Developing Countries: A Symposium.* Appropriate Health Resources and Technologies Action Group Ltd. (AHRTAG), 85 Marylebone High Street, London W1M3DE United Kingdom. 1981. 136 pp. ISBN 0-907320-01-5.
- Oral health is frequently neglected in discussions of health problems in developing countries. This symposium helps redress that omission. One paper in this report notes that the traditional pattern of oral disease in many African countries has been a low prevalence of dental caries with, however, widespread periodontal diseases. Rapid urbanization has led to an alarming increase in the prevalence of dental caries. The pros and cons of traditional methods of oral hygiene, such as chewing sticks, are discussed in this and other papers in the report.
- Bisley, G.** *Handbook of Ophthalmology for Developing Countries*, See entry 271.
- 095** **Ebrahim, G.** *Handbook of Tropical Pediatrics.* MacMillan Press Ltd., Hounds Mills, Basingstoke, Hampshire RG2 12XS United Kingdom. 1978. \$3.00. 87 pp. ISBN 0-333-281861.
- Handbook for use by physicians which includes sections on growth and development, biochemical tests and standards, hematology, nutrition, water and electrolytes, common emergencies, care of the newborn, and drug doses. Includes many charts.
- 096** **Halestrap, D.** *Simple Dental Care for Rural Hospitals.* 3rd edition. S.L. Hunt, Northhamptonshire. Available from Medical Missionary Association, Canonbury Place, London N1 2NJ United Kingdom. 1979. \$1.00 plus postage. 26 pp. English and French.
- A basic text for medical auxiliaries whose job includes treating patients with dental problems, this booklet is written in clear language and includes photos and illustrations on decay, gum diseases, brushing, removing tartar, anesthetizing, and extracting teeth. Shows how to make a dental chair.
- 097** **Hunter, G. et al.** *Tropical Medicine*, 5th edition. W.B. Saunders, West Washington Square, Philadelphia, Pennsylvania 19105 USA. 1976. \$38.00. 880 pp. ISBN 0-7216-4847-0.
- A comprehensive, clearly written, and well illustrated textbook describing tropical diseases, their etiology, clinical appearance, prognosis, and treatment. Includes sections on medically important animals and arthropods and some diagnostic lab methods.
- 098** **Maegrith, B. and H. Gilles.** *Tropical Medicine for Nurses.* 4th edition. Lippincott, 521 Fifth Avenue, New York, New York 10017 USA. 1975. \$18.00. 320 pp. ISBN 0-397-60325-8.
- A clinical textbook for nurses which covers major tropical diseases, their appearance, and treatment. Illustrated.
- 099** *The Primary Health Care Worker.* World Health Organization, 1211 Geneva 27 Switzerland. 1980. \$7.50. 346 pp. English, French, and Spanish. ISBN 92-4-154141-X.
- This guide covers communicable disease, maternal care, child health and nutrition, accidents, village and home sanitation, and aspects of community development. There is also a list of common medicines, with notes on how and when to use them, and instruction on how to give an injection, bandage a wound, and take a pulse. Once adapted to local conditions, the guide is primarily intended for PHC workers who will use it during their training and as a reference book when working in their community.
- 100** **Schwartz, S. et al.** *Tropical Surgery.* McGraw-Hill, 1221 Avenue of the Americas, New York, New York 10020 USA. 1971. \$44.00. 502 pp. ISBN 0-07-055670-9.
- Focuses on conditions and disorders important in the tropics. Covers general surgical care, transfusions, anesthesia, and wound healing. Illustrated.
- 101** **Werner, D.** *Where There Is No Doctor: A Village Health Care Handbook.* The Hesperian Foundation, Box 1692, Palo Alto, California 94302 USA. 1977. \$6.00. For developing countries: \$4.00/single copy; \$3.00/5 or more. English, Fench, Spanish, Portuguese, Guajivo, Arabic, Tzotzil, Ilongo, Ibataan, Tagalog, and Swahili. 16 other translations underway.
- Guidelines for what to do to prevent, recognize and treat many common forms of illness. Includes information on home births and maternal child health. The introduction outlines ways to determine needs, share knowledge, and involve the community in activities that can improve health. Guidelines are presented for the sensible use of both traditional and modern medicines. Includes an index, tear-out sheets for patient reports, dosage blanks, and special pages on vital signs.

*Household goods have been taken outside to permit more effective anti-malarial spraying inside this house in Cameroon.*  
WHO Photo by P. Pittet



## E. Disease Control

- 102 Benenson, A.** (ed.). *Control of Communicable Diseases in Man*. 13th edition. American Public Health Association, 1015 Fifteenth St., N.W., Washington, D.C. 20005 USA. 1980. \$7.50. 443 pp. ISBN 0-87553-077-X.

Each of 188 diseases is identified by its clinical nature and its laboratory signs and is differentiated from allied or related conditions. Originally produced by APHA in 1917 as an aid to disease control, this edition was written in collaboration with the Pan American Health Organization and experts from many nations. Designed to be a handy reference manual in pocketbook form for health workers, teachers, and students of medicine and public health.

- 103 Cahill, K.** *Tropical Diseases: A Handbook for Practitioners*. Technomic Publishing Co. 265 Post Rd. Westport, Connecticut 06880 USA. 1976. \$12.50. 198 pp. ISBN 0-87762-199-3.

A working guide and reference for the general physician that focuses attention on clinical needs. Covers the basic life cycle, and epidemiology, pathology, clinical manifestations, therapy, and prevention of selected parasitic diseases endemic to the tropics but susceptible to transfer to the temperate zone.

- 104 Chin, J. and F. Morrison** (eds.). *Communicable Diseases Control Planning*. Volume 1, in International Health Planning Methods Series, Office of International Health, U.S. Department of Health and Human Services. Order from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161 USA. 1979. Order number PB80-179898. \$14.00 for paper copy and \$3.50 for microfiche plus postage. 233 pp.

A useful state-of-the-art summary produced by the Office of International Health under contract to the U.S. Agency for International Development with contributions by recognized authorities in many fields of communicable disease control. The organization of disease control programs and surveillance of diseases are addressed as well as current methods of controlling specific diseases including leprosy, T.B., venereal disease, enteric diseases, trachoma, rabies, filariasis, malaria, onchocerciasis, and schistosomiasis. Includes a comprehensive article on immunization programs.

- 105 Chin, J. and F. Morrison** (eds.). *Selected Bibliography and State of the Art Review for Communicable Disease Control*. Office of International Health, U.S. Department of Health and Human Services. 1979. Order

from same source as entry 104. Order no. PB80-183734. \$8.00 paper edition, \$3.50 microfiche plus postage. 71 pp.

This bibliography was produced by the Office of International Health under contract to the U.S. Agency for International Development. The bibliography contains 112 English language references with annotations. In the introduction (30 pages), the authors note a relative absence of empirical information on implementation of disease control programs and note the difficulty of making generalizations concerning planning for disease control across various diseases due to their unique characteristics.

- 106 Davis, R. and G. Blevins.** *Methods of Malaria Vector Control: A State of the Art Literature Review*. Office of International Health, U.S. Department of Health and Human Services. Order from AID R&D Report Distribution Center, P.O. Box 353, Norfolk, Virginia 23501 USA. Order no. PN-AAH-203. 1979. \$20.00 for paper copy, \$3.00 microfiche. 145 pp.

Undertaken in response to the appearance of resistance to DDT and other insecticides among anopheline mosquitos, the carriers of malaria. Old and new information is summarized on all forms of malaria control including a detailed description of non-spraying measures in past and present use. Each technology is reviewed regarding effectiveness, feasibility, environmental acceptability, and cost. 450 references are given.

- 107** *Epidemiology and Control of Schistosomiasis: Report of a WHO Expert Committee*. World Health Organization, 1211 Geneva 27 Switzerland. Technical Report Series, No. 643. 1980. 4 Sw. fr. 64 pp. English, French, and Spanish. ISBN 92-4-120643-8.

This report covers many of the advances in schistosomiasis control in the last decade. There is now less reliance on single control techniques such as mollusciciding and more reliance on integrated techniques combining improved chemotherapeutic drugs, installation of domestic water supplies in high endemic areas, and more accurate ecological assessment based on better knowledge of human communities and the characteristics of the parasite and the snail hosts.

- 108** *Equipment for Vector Control*. World Health Organization, 1211 Geneva 27 Switzerland. Expert Committee on Insecticides. 1974. 24 Sw. fr. 179 pp. English, French, Russian, and Spanish. ISBN 92-4-154035-4.

A good, practical illustrated handbook detailing principles of pesticide application, use of ground equip-

ment and aircraft in vector control together with specifications for equipment.

- 109 Eshuis, J. and P. Manschout.** *Communicable Diseases: A Manual for Rural Health Workers.* African Medical and Research Foundation, P.O. Box 30125, Nairobi, Kenya. Rural Health Series No. 7. 1978. \$4.00. 349 pp. See also entry 258.

A clear and readable manual for community health workers. Each chapter identifies a particular communicable disease and discusses its symptoms, occurrence, infectious agents, environmental conditions, vectors, stages of disease, and methods of control. The introduction details key elements of communicable diseases, including patterns of communicable diseases, hosts and agents, transmission cycles, and general systems of control. Focuses on diseases afflicting Africa. Well illustrated.

- 110 Faust, E. et al.** *Craig and Faust's Clinical Parasitology.* 8th edition. Lea and Febiger Publishers, 600 South Washington Square, Philadelphia, Pennsylvania 19106 USA. 1970. \$25.50. 890 pp. ISBN 0 8121 0291 6.

This textbook is comprehensive, well illustrated and discusses each parasite according to morphology, habitat, life cycle, epidemiology, pathology, clinical presentation, diagnosis, treatment, prognosis, and prevention. Includes a technical appendix on laboratory methods.

- 111 Parasitic Zoonoses: Report of a WHO Expert Committee.** World Health Organization, 1211 Geneva 27 Switzerland. Technical Report Series, No. 637. 1979. 10 Sw. fr. 108 pp. English, French, and Spanish. ISBN 92-4-120637-3.

Zoonoses are diseases of animals which may be transmitted to human beings. These include anthrax, brucellosis, salmonellosis, rabies, bovine tuberculosis, and others. This report discussed principles of surveillance, prevention, and control of zoonoses.

- 112 Sabin, E. and W. Stinson.** *Immunizations in Primary Health Care.* American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005 USA. Primary Health Care Issues Paper, No. 2. 1981. 44 pp.

A state of the art paper on the delivery of immunizations to children. WHO's Expanded Program on Immunization is described and published information on the effectiveness and costs of immunization programs is summarized. The advantages and disadvantages of single purpose immunization workers versus immu-

nizations integrated with other health services are addressed. Describes frequently encountered problems in the implementation of immunization programs such as cold chain failure and drop off in second and third doses in an immunization series.

- 113 Social and Health Aspects of Sexually Transmitted Diseases: Principles of Control Measures.** World Health Organization, 1211 Geneva 27 Switzerland. Public Health Papers, No. 65. 1976. 8 Sw. fr. 56 pp. English, French, Spanish, and Russian. ISBN 92-4-130065-5.

A thorough discussion of key aspects of sexually transmitted diseases, including incidence, related factors, attitudes that affect control, diagnosis, treatment, prevention, and health education.

- 114 Toman, K.** *Tuberculosis Case-Finding and Chemotherapy.* World Health Organization, 1211 Geneva 27 Switzerland. 1979. 32 Sw. fr. 240 pp. ISBN 92-4-4154136-9.

Toman's book is divided into two parts, the first addressing case finding issues such as the use of sputum tests and their reliability, comparisons with fluorescence microscopy and X-ray, and early detection. Part two offers detailed guidance in chemotherapy with discussion of drug resistance, toxicity, standard regimens, follow-up, and relapse. Ample references are provided.

- 115 WHO Expert Committee on Leprosy: Fifth Report.** World Health Organization, 1211 Geneva 27 Switzerland. Technical Report Series, No. 607. 1977. 6 Sw. fr. 48 pp. English, French, Spanish, and Russian. ISBN 92-4-120607-1.

A detailed report on epidemiology, strategy of leprosy control, formulation and management of a leprosy control program, and research.

- 116 WHO Expert Committee on Malaria: 17th Committee Report.** World Health Organization, 1211 Geneva 27 Switzerland. Technical Report Series, No. 640. 1979. 5 Sw. fr. 71 pp. English, French, and Spanish. ISBN 92-4-120640-3.

This report reviews approaches to malaria control and considers the planning, implementation, and evaluation of control programs. It also looks at the forecasting, prevention, and control of malaria epidemics and reviews international surveillance and between-country cooperation in terms of malaria control.

## F. Water and Sanitation



Before clean water was installed in this Solomon Island village, children suffered from skin fungi and gastroenteric problems. UNICEF Photo by C. Watson

- 117 **Cairncross, S. et al.** *Evaluation for Village Water Supply Planning*. International Reference Centre for Community Water Supply, Box 140, 2260 AC Leidschendam, The Netherlands. Technical Paper No. 15. 1980. 179 pp. ISBN 0-471-27662-6.

A series of studies that focus on key elements including design, cost, distribution, management, and health and economic benefits of improved water supply. Data collection methods, data analysis, manpower requirements, and policy implications are described. Checklists are provided on village level management and access to water supplies, as well as examples of forms for technical field surveys, water collection, and water use.

- 118 **Cairncross, S. and R. Feachem.** *Small Water Supplies, Bulletin No. 10*. Information and Advisory Service, Ross Institute of Tropical Medicine, London WC1E7HT United Kingdom. 1978. £1.50. 78 pp. ISBN 0-900995-10-6.

A layman's guide to small-scale water supply project construction. Water sources, raising water, treatment, distribution, and water purification are covered in detail.

- 119 **Feachem, R. et al.** *Water, Health and Development*. Tri-Med Books, 5 Tudor Cottage, Lovers Walk, Finchley, London N31JH United Kingdom. 1978. 267 pp. ISBN 0-905402065.

This book provides insight into the problems and potential successes of rural water supply in Lesotho.

- 120 **Jordan, T.** *Handbook of Gravity-Flow Water Systems for Small Communities*. United Nations Children's Fund, Box 1187, Kathmandu, Nepal. 1980. 240 pp.

An illustrated and clearly written manual for surveying, designing, and constructing gravity-flow water systems with special reference to projects carried out in Nepal.

- 121 **Pacey, A.** *Sanitation in Developing Countries*. John Wiley & Sons, Inc. 605 Third Ave., New York, New York 10016 USA. 1978. \$31.00. 256 pp. ISBN 0-0471-99655-6.

Examines unconventional techniques for providing sanitation and preventing spread of excreta-related diseases. Draws together field surveys of existing situa-

tions, social and behavioral data, and combines these with a discussion of technology. Covers the relationship between sanitation and health, latrine technology (illustrates 30 latrines), implementation of improvements in excreta disposal, and treatment of recycled wastes.

- 122 Pineo, C. et al. *Environmental Sanitation and Integrated Health Delivery Programs.*** American Public Health Association, 1015 Fifteenth St., N.W., Washington, D.C. 20005 USA. Monograph No. 4. 1981. \$5.00. 82 pp.

This monograph consists of three parts: (1) an introduction which defines the subject matter of environmental health; (2) a section which explains how to assess environmental health needs and plan, staff and implement an environmental health program; and (3) a section on involvement of local groups in types of environmental health programs outlining types of involvement necessary to make a program work. Also described is the role of local health workers in this effort. Includes a bibliography and a list of international environmental health organizations.

**Rybczynski, W. et al. *Low-Cost Technology Options for Sanitation: A State of the Art Review and Annotated Bibliography.*** See entry 248.

- 123 Saunders, R. and J. Warford. *Village Water Supply: Economics and Policy in the Developing World.*** World Bank, Publications Unit, 1818 H St., N.W., Washington, D.C. 20433 USA. 1976. \$21.00. 292 pp. English, French, and Spanish. ISBN 0-8018-1876-1.

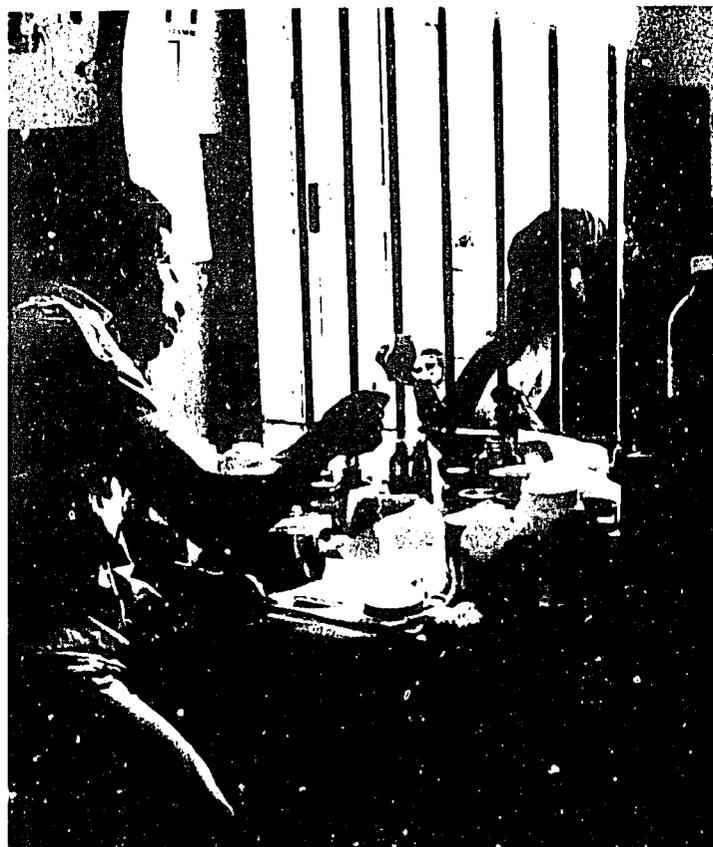
Addresses the problem of potable water supply and waste disposal in rural areas and discusses improvements and guidelines for future World Bank water supply projects.

- 124 *Shallow Wells.*** DHV Consulting Engineers, P.O. Box 85, Amersfoort, Netherlands. 1978. \$12.50. 192 pp.

Seven hundred and fifty shallow wells were constructed during 1974-78 under the Shinyanga Shallow Wells Project, a bilateral effort of the governments of Tanzania and the Netherlands. This volume is based on that experience and covers project design, selection of well sites, construction, hand pumps, maintenance, logistics and administration, and cost. Illustrated with drawings and color photographs.

- 125 *Using Water Resources.*** Volunteers in Technical Assistance Publications, 3706 Rhode Island Ave., Mt.

*A wise selection of basic drugs by national health authorities can help ensure that essential drugs are available for primary health care. Shown here is a dispensary pharmacy in Tanzania. WHO Photo by D. Henrioud*



Ranier, Maryland 20712 USA. 1977. \$5.95. Reduced price for requests from developing countries. 146 pp. ISBN 0-86619-058-9.

This manual is an excerpt from VITA's Village Technology Handbook and provides information on water supply development and maintenance. Methods for developing water sources, water lifting, water transport and storage, and methods of purifying water are explained. The larger handbook is available in French and Spanish as well as English.

- 126 Watts, S. and W. Wood. *Hand Dug Wells and Their Construction.*** Intermediate Technology Publications, 9 King St., London WC2E8HN United Kingdom. 1979. £2.75. 253 pp. ISBN 0-903031-57-4.

A guide to hand-dug wells in subtropical or tropical regions. Modern technology is introduced within the community's traditional practices and the cost of techniques are considered. Intended for use by untrained village workers. Equipment required is listed and references for additional information included.

## G. Pharmaceuticals

- 127** *Appropriate Industrial Technology for Drugs and Pharmaceuticals.* United Nations Industrial Development Organization, P.O. Box 300, A-1400 Vienna, Austria. 1980. Free. 146 pp. Order No. ID/232/10.  
Discusses the principles involved in establishing domestic pharmaceutical production and gives a number of enlightening country studies. Should be read by those considering government or local production.
- 128** **Durgin, J. et al.** *Pharmacy Technicians' Manual.* 2nd edition. C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, Missouri 63141 USA. 1978. \$15.50. 302 pp. ISBN 0-8016-1479-1.  
A handy textbook for the training of pharmacy technicians, dispensers, and compounders in general aspects of pharmacy, purchasing, inventory control, dosage forms, dispensing systems, drug information, and the role of the technician.
- 129** *Field Manual of the Expanded Program on Immunization.* Expanded Program on Immunization, World Health Organization, 1211 Geneva 27 Switzerland. 1977 with later revisions. 290 pp. Looseleaf format.  
A step by step discussion of all aspects of the organization and management of immunization programs. Provides practical suggestions and guidelines for managers at all levels of the supply system. The five major sections are (1) program design, (2) program management, (3) vaccine handling, (4) health education, and (5) evaluation.
- 130** **Harrison, I. et al.** *Traditional Medicine: Implications for Ethnomedicine, Ethnopharmacology, Maternal and Child Health, Mental Health and Family Planning.* Garland Publishers, 136 Madison Ave., New York, New York 10016 USA. 1975. \$22.00. 150 pp. ISBN 0-8240-9970-2.  
The most extensive bibliography on ethnomedicine in relation to the general health care system. Covers the literature published between 1950 and 1975. This annotated bibliography is divided into three sections: General, Africa, and Latin America and the Caribbean. Includes an index.
- 131** **Gish, O. and L. Feller.** *Planning Pharmaceuticals for Primary Health Care: The Supply and Utilization of Drugs in the Third World.* American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005 USA. Monograph No. 2. 1979. \$5.00. 137 pp.  
A detailed exposition of issues concerning the trans-
- national pharmaceutical industry, pharmaceutical production in developing countries, purchasing, utilization of drugs, and distribution. Text includes many references.
- 132** **Mtulia, I.** *Pharmacology and Therapeutics.* African Medical and Research Foundation, P.O. Box 30125, Nairobi, Kenya. 1976. \$4.00. 240 pp. No. 5 in AMREF Rural Health Series Manuals. See entry 258.  
A manual for medical assistants and rural medical workers, which covers definitions, basic pharmacology, dose forms, therapeutic principles, and cost considerations. A reference book with the actions, indications, available preparations, toxic and other side effects of drugs commonly used in East Africa.
- 133** **Quick, J. et al. (eds.).** *Managing Drug Supply: The Selection, Procurement, Distribution and Use of Pharmaceuticals in Primary Health Care.* Management Sciences for Health, 141 Tremont St., Boston, Massachusetts 02111 USA. 1981. \$22.00. 592 pp.  
Pharmaceuticals may comprise up to 40% of the health care budget in some developing countries, yet these funds may be ill-spent on ineffective, nonessential, or unacceptably dangerous drugs, while large portions of the population go without even the most basic and essential drugs. This definitive manual explains how to develop a rational formulary, procure essential drugs, and manage a distribution system.
- 134** **Segall, M.** *Pharmaceuticals and Health Planning in Developing Countries.* IDS Communication 119. Institute of Development Studies, Brighton, Sussex BN19RE United Kingdom. 1975.  
A comprehensive discussion of the role of pharmaceuticals and health and health care in developing countries. Therapeutic need, cost-effectiveness, national production, importation, distribution, and the process of formulation of a pharmaceutical policy for a developing country are also discussed. Focuses on what needs to be done, rather than on how to do it.
- 135** *The Selection of Essential Drugs.* World Health Organization, 1211 Geneva 27 Switzerland. Technical Report Series, No. 615. 1979. 5 Sw. fr. 36 pp. English, French, and Spanish. ISBN 92-4-120615-2.  
A universal drug list is not possible because countries differ in their needs. This publication outlines criteria to be used in each country to identify its priorities in drug selection.
- 136** **Wardell, W.** *Controlling the Issue of Therapeutic Drugs, An International Comparison.* American Enterprise Institute, 1150 17th St., N.W., Washington, D.C. 20036 USA. 1978. \$7.25. 263 pp. ISBN 0-8447-3278-8.  
Focuses on controls over drug use after the point of marketing. Deals with systems for distributing and paying for drugs, therapeutic practices, physician prescribing, and patient compliance. Attention given to required research on drugs prior to their approval for the market.

## auxiliary services

- 137 Ammer, D.** *Purchasing and Materials Management for Health Care Institutions.* Gower Publishing Co., Ltd., Croft Rd., Aldershot, Hampshire GU113HR United Kingdom. 1975. \$16.95. ISBN 0-699-95604-X.

A clearly written introduction to most aspects of procurement and materials management related to health care organizations. Quality assurance, make versus buy decisions, purchasing mechanisms, techniques of cost reduction, basic principles of inventory management, and measuring performance of purchasing organizations are discussed.

- 138 Cheesbrough, M. and J. McArthur.** *A Laboratory Manual for Rural Tropical Hospitals.* Churchill Livingstone, Robert Stevenson House, 1-3 Baxter's Place, Leith Walk, Edinburgh EH1 3AS United Kingdom. 1976. £24. ISBN 0443-011-443.

Discusses various essential laboratory equipment, microscopy, hematology, blood transfusions, bacteriology, the examination of stools, urine, other fluids, and parasitology. All instructions are clearly written and easily understood, and several color transparencies are included for use by training courses.

- 139 England, R.** *How to Make Basic Hospital Equipment.* Intermediate Technology Publications, Ltd., 9 King Street, London WC2E8HN United Kingdom. 1980. £3. 86 pp. ISBN 0-903031-604.

The late Will Eaves, a medical engineer, designed and

built beds, wheelchairs, and other equipment from wood, metal tubing, and wheels taken from scrap heaps. This book brings together Eaves' designs as well as those of other health workers in various parts of the world.

- 140** *Manual of Basic Techniques for a Health Laboratory.* World Health Organization, 1211 Geneva 27 Switzerland. 1980. 30 Sw. fr. 487 pp. English, French, and Spanish. ISBN 92-4-154145-8.

Based on comments and suggestions from the field and WHO professionals, major revisions mark this 1980 edition of WHO's manual of basic laboratory techniques first published in 1974. Particular attention has been given to low cost, reliability, and simplicity of methods, and availability of resources in small laboratories. Intended for use by laboratory technicians in their training and routine work in clinics and health laboratories. Includes 1300 illustrations.

- 141 Walker, A.** *Manual for the Microscopic Diagnosis of Malaria.* Pan American Health Organization, Publications Unit, 525 23rd St., N.W., Washington, D.C. 20036 USA. Scientific Publication No. 161. \$2.50. 117 pp. English and Spanish.

A simple, well-written, and well-illustrated manual describing malaria parasites. Simple techniques for the preparation of blood slides, microscopic examination, laboratory services, and the basic equipment necessary are also presented.



*Bibliographies, directories, catalogs, and other reference works are essential in the international health information network. This photo shows a researcher at the International Centre for Diarrhoeal Disease Research, Bangladesh. Photo by Agency for International Development*



# periodicals

## A

- 150 **AFYA: A Journal for Medical and Health Workers.** African Medical and Research Foundation, Wilson Airport, P.O. Box 30125, Nairobi, Kenya. Monthly.
- 151 **AID Resources Reports.** U.S. Agency for International Development, Room 509, SA-14, Washington, D.C. 20523 USA. Bimonthly.
- 152 **AVS News.** Association for Voluntary Sterilization, 122 E. 42nd St., New York, New York 10168 USA. Quarterly.
- 153 **Africa Health.** IPC Middle East Publishing Company, 14th Floor, Crown House, London Road, Morden, Surrey SM1 4QQ United Kingdom. 11 times a year. Free in Africa.
- 154 **Africa Link.** International Planned Parenthood Federation, Africa Region, Mlima House, P.O. Box 30234, Nairobi, Kenya. Irregular.
- 155 **African Environment.** African Institute for Economic Development and Planning, Environmental Training Programme, Box 3370, Dakar, Senegal. Irregular. English and French.
- 156 **African Journal of Pharmacy and Pharmaceutical Sciences.** Nigerian Pharmaceutical & Medical Company, P.O. Box 399, Apapa, Lagos, Nigeria. Monthly.
- 157 **African Journal of Psychiatry.** Literamed Publications, Oregon Village, P.M.B. 1068, Ikaja, Lagos, Nigeria. Quarterly.
- 158 **Agenda.** U.S. Agency for International Development, Office of Public Affairs, Washington, D.C. 20523 USA. 10 times per year.
- 159 **American Journal of Clinical Nutrition.** American Society for Clinical Nutrition, 9650 Rockville Pike, Bethesda, Maryland 20014 USA. Monthly.
- 160 **American Journal of Public Health.** American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005 USA. Monthly.
- 161 **American Journal of Tropical Medicine and Hygiene.** Allen Press, Inc., 1041 New Hampshire St., Lawrence, Kansas 66044 USA. Bimonthly.
- 162 **Annals of Tropical Medicine and Parasitology.** Academic Press, Inc., 24-28 Oval Road, London NW1 7DX United Kingdom. Bimonthly.
- 163 **Appropriate Technology for Health.** World Health Organization, 1211 Geneva 27 Switzerland. 3 times per year.
- 164 **Asian and Pacific Census Forum.** East-West Population Institute, 1777 East-West Road, Honolulu, Hawaii 96848 USA. Quarterly. Free.
- 165 **Asian-Pacific Population Programme News.** Economic & Social Commission for Asia and the Pacific, ESCAP Population Division, United Nations Building, Rajdamnern Ave., Bangkok 2 Thailand. Quarterly. Free.
- 166 **Assignment Children.** UNICEF, Villa Le Bocage, Palais des Nations, 1211 Geneva 10 Switzerland. Irregular. English and French.

## B

- 167 **Bulletin of the Pan American Health Organization,** Pan American Health Organization, 525 23rd St., N.W., Washington, D.C. 20037 USA. Quarterly selection of articles from Spanish language monthly from the same organization, BOLETIN DE LA OFICINA SANITARIA PANAMERICANA.
- 168 **Bulletin of the World Health Organization.** World Health Organization, 1211 Geneva 27 Switzerland. Monthly. English, French, and Russian.

## C

- 169 **Cajanus.** Caribbean Food and Nutrition Institute, P.O. Box 140, Kingston 7 Jamaica. Quarterly. Free.
- 170 **Caribbean Medical Journal.** Trinidad and Tobago Medical Association, 115 Abercromby St., Port-of-Spain, Trinidad, West Indies. Quarterly.
- Carnets de l'Enfance.** See ASSIGNMENT CHILDREN.
- 171 **Children in the Tropics.** International Children's Center, Chateau de Longchamp, Bois de Boulogne, Paris 75016 France. 6 times per year. English and French.
- 172 **Community Development Journal.** Oxford University Press, Press Road, Neasden, London NW10 ODD United Kingdom. 3 times per year.
- 173 **Concern.** International Planned Parenthood Federation, East & South East Asia & Oceanic Region, P.O. Box 2534, Kuala Lumpur 01-02 Malaysia. Quarterly.
- 174 **Contact.** Christian Medical Commission, World Council of Churches, 150 Route de Ferney, 1211 Geneva 20 Switzerland. 6 times per year. Free. English, French, Spanish, and Portuguese.

- 175 **Courier.** International Children's Center, Chateau de Longchamp, Bois de Boulogne, Paris 70516 France. 6 times per year. English and French.

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## D

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- 176 **Defender, Health Journal for Africa.** African Medical and Research Foundation, Health Behavior and Education Department, Wilson Airport, P. O. Box 30125, Nairobi, Kenya. 3 times per year. Free.
- 177 **Development Communication Report.** Clearinghouse on Development Communication, 1414 22nd St., N.W., Washington, D.C. 20037 USA. Irregular. Free. Health topics include July 1979 issue on primary health care and October 1980 issue on two-way radio used in health services.
- 178 **Development: The International Development Review.** Society for International Development, Palazzo Civiltà Del Lavoro, EUR, I-00144, Rome, Italy. Quarterly. English, French, and Spanish.
- 179 **Development Forum.** Development Forum, United Nations, Palais des Nations, CH-1211, Geneva 10 Switzerland. Free.
- 180 **Diarrhoea Dialogue.** Appropriate Health Resources and Technologies Action Group Ltd., 85 Marylebone High Street, London W1M 3DE United Kingdom. Quarterly. English. Some issues in Spanish and French.
- 181 **Draper Fund Report.** Population Crisis Committee, 1120 19th St., N.W., Washington, D.C. 20036 USA. Free.

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## E

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- 182 **EPI Newsletter.** Expanded Program on Immunization, Pan American Health Organization, 525 23rd St., N.W., Washington, D.C. 20037. Bimonthly. Free. English and Spanish.
- 183 **East African Medical Journal.** Kenya Medical Association, P.O. Box 41632, Nairobi, Kenya. Monthly.
- 184 **Ecology of Food and Nutrition: An International Journal.** Gordon & Breach, One Park Ave., New York, New York 10016 USA. Irregular.

**Enfance en Milieu Tropical.** See CHILDREN IN THE TROPICS.

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## F

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- 185 **Focus: Institute for Research on Poverty Newsletter.**

Institute for Research on Poverty, 3412 Social Science Building, University of Wisconsin, Madison, Wisconsin 53706 USA. Free.

- 186 **Forum for Family Planners in Latin America and the Caribbean.** International Planned Parenthood Federation, Western Hemisphere Region, 105 Madison Ave., New York, New York 10016 USA. Irregular. Free.

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## G

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- 187 **Glimpse.** International Centre for Diarrhoeal Disease Research, GPO Box 128, Dacca-2 Bangladesh. Monthly.

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## H

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- 188 **Health Education Bulletin and Information Services Bulletin.** National Clearinghouse for Family Planning Information, P.O. Box 2225, Rockville, Maryland 20852 USA. Free.

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## I

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- 189 **ICARP Bulletin.** International Committee on Applied Research in Population, The Population Council, One Dag Hammarskjöld Plaza, New York, New York 10017 USA. Free.
- 190 **IHC Occasional Bulletin.** National Council of Churches of Christ of the USA, Associated Mission Medical Office, International Health Center, 475 Riverside Drive, New York, New York 10015 USA. Quarterly. Free.
- 191 **IRC Bulletin.** World Health Organization, International Reference Centre for Community Water Supply, P.O. Box 5500, 2280 HM RIJSWIJK, The Hague, Netherlands. Two times per year.
- 192 **Injectable Contraceptives-Asian Programs-International Developments Newsletter.** Family Health Division, Ministry of Public Health, Bangkok 2 Thailand. Free.
- 193 **Intercom, The International Population News Magazine.** Population Reference Bureau Inc., 1337 Connecticut Ave., N.W., Washington, D.C. 20036. Monthly. English and Spanish.
- 194 **International Digest of Health Legislation.** World Health Organization, 1211 Geneva 27 Switzerland. Quarterly. English and French.
- 195 **International Family Planning Perspectives.** Alan

Guttmacher Institute, 360 Park Ave. South, New York, New York 10010 USA. Quarterly. Free.

- 196 **International Journal of Epidemiology.** Oxford Journals, Press Road, Neasden, London NW10 ODD United Kingdom. Quarterly. (Sponsored by the International Epidemiological Association.)
- 197 **International Journal of Health Services.** Baywood Publishing Company, 120 Marine St., P.O. Box D, Farmingdale, New York 11735 USA. Quarterly.
- 198 **International Journal of Leprosy and Other Mycobacterial Diseases.** 1262 Broad St., Bloomfield, New Jersey 07003 USA. Bimonthly.
- 199 **International Journal of Nursing Studies.** Pergamon Press, Headington Hill Hall, Oxford OX3 GBW United Kingdom. Quarterly.
- 200 **International Nursing Review.** International Council of Nurses, P.O. Box 42, Geneva 20 Switzerland. Bimonthly.
- 201 **International Quarterly of Community Health Education.** Baywood Publishing Company Inc., 120 Marine St., P.O. Box D, Farmingdale, New York 11735 USA. Quarterly.

## J

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- 202 **Journal of Eastern Medicine.** Hamdard Foundation, Nazimabad, Karachi 18 Pakistan.
- 203 **Journal of Tropical Medicine and Hygiene.** Blackwell Scientific Publications Ltd., Osney Mead Oxford OX2 OEL United Kingdom. Bimonthly.
- 204 **Journal of Tropical Pediatrics.** Oxford Journals, Press Road, Neasden, London NW10 ODD United Kingdom. Bimonthly.

## L

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- 205 **L.I.F.E. Newsletter.** League for International Food Education, 1126 16th St., N.W., Washington, DC.20036. Monthly. Free on request from developing countries.

## M

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- 206 **MIMS/Monthly Index of Medical Specialties/Africa.** A. E. Morgan Publications Ltd., 172 Kingston Road, Ewell, Surrey KT19 OSB United Kingdom. Monthly. Free in Africa.

- 207 **Medical Record News.** American Medical Record Association, 875 N. Michigan Ave., Suite 1850, Chicago, Illinois 60611 USA. Bimonthly.
- 208 **Medical World News.** McGraw-Hill, 1221 Ave. of the Americas, New York, New York 10020 USA. Bi-weekly.
- 209 **Medicine Digest.** Medicine Digest Ltd., 63 Longacre, London, WC2E 9JH United Kingdom. Monthly.
- 210 **Mothers and Children: Bulletin on Infant Feeding and Maternal Nutrition.** American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005. Quarterly. English, French, and Spanish. Free.
- 211 **NCIH Newsletter.** National Council for International Health, Suite 303, 2121 Virginia Ave., N.W., Washington, D.C. 20037. Monthly.

## N

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- 212 **New England Journal of Medicine.** Massachusetts Medical Society, 10 Shattuck St., Boston, Massachusetts 02115 USA. Weekly.
- 213 **Nigeria Journal of Medical Laboratory Technology.** Institute of Medical Laboratory Technology of Nigeria, Lagos University, Microbiology Department, P.M.B. 12003, Lagos, Nigeria. Quarterly.
- 214 **Nigerian Journal of Medical Sciences.** National Institute for Medical Research, Edmond Crescent (off City Way), P.M.B. 2013, Yaba, Nigeria. Quarterly.

## P

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- 215 **Panorama.** League of Red Cross Societies, 17 Chemin des Crets, P.O. Box 276, 1211 Geneva 19 Switzerland. 8 times per year. English, French, and Spanish.
- 216 **People.** International Planned Parenthood Federation, 18-20 Lower Regent St., London SW1Y 4PW United Kingdom. Quarterly. English, French, and Spanish.
- 217 **Population Newsletter.** United Nations Fund for Population Activities, Information and Public Affairs Division, 220 East 42nd St., New York, New York 10017 USA. Monthly. Arabic, English, French, and Spanish.
- 218 **Population Policy Compendium.** United Nations Fund for Population Activities, 220 East 42nd Street, New York, New York 10017 USA. Free.
- 219 **Population Reports.** Population Information Program, The Johns Hopkins University, Hampton House, 624

North Broadway, Baltimore, Maryland 21205 USA. Free. English, Arabic, French, Spanish, and Portuguese.

- 220 **Populi.** United Nations Fund for Population Activities, 220 E. 42d. St., New York, New York 10017 USA. Quarterly.
- 221 **Project Profiles.** Clearinghouse on Development Communication, 1414 22nd St., N.W., Washington, D.C. 20037 USA. Available in English, French, Spanish, and Arabic. Free.

## S

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- 222 **Salubritas.** American Public Health Association, 1015 15th St., N.W., Washington, D.C. 20005. (Co-sponsored by the World Federation of Public Health Associations.) Quarterly. Free. English, French, and Spanish.
- 223 **Social Science and Medicine: An International Journal.** Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW United Kingdom. Bimonthly. (Part A-Medical Psychology & Medical Sociology; Part B-Medical Anthropology; Part C-Medical Economics; Part D-Medical Geography; Part E-Medical Psychology; Part E-Medical and Social Ethics).
- 224 **Southeast Asian Journal of Tropical Medicine and Public Health.** Regional Tropical Medicine & Public Health Project, 420-6 Rajvithi Road, Bangkok 4 Thailand. Quarterly.
- 225 **Studies in Family Planning.** The Population Council, One Dag Hammarskjöld Plaza, New York, New York 10017 USA. 10 times per year. Free. English. Some issues in Spanish.

## T

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- 226 **TAICH News.** Technical Assistance Information Clearing House, 200 Park Avenue South, New York, New York 10013 USA. Free.
- 227 **Transactions of the Royal Society of Tropical Medicine and Hygiene.** Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London W1N 4EY United Kingdom. Bimonthly.
- 228 **Tropical and Geographical Medicine.** Royal Tropical Institute, Mauritskade 63, 1092 AD, Amsterdam, Netherlands. Quarterly. (Published for the Tropical & Geographical Medicine Foundation at Amsterdam by the Royal Tropical Institute.)

229 **Tropical Diseases Bulletin.** Bureau of Hygiene and Tropical Diseases, Keppel St., London WC1E 7HT United Kingdom. Monthly.

230 **Tropical Doctor; A Journal of Modern Medical Practice.** Royal Society of Medicine, 1 Wimpole St., London W1M 8AE United Kingdom. Quarterly.

231 **Tropical Medicine and Hygiene News.** American Society of Tropical Medicine and Hygiene, 3307 Harrell St., Wheaton, Maryland 20906 USA. Bimonthly.

## W

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232 **WHO Chronicle.** World Health Organization, 1211 Geneva 27 Switzerland. Monthly. Arabic, Chinese, English, French, Russian, and Spanish.

233 **Weekly Epidemiological Record.** World Health Organization, 1211 Geneva 27 Switzerland. Weekly. English and French.

234 **West African Journal of Pharmacology and Drug Research.** Literamed Publications, P.M.B. 1068, Ikeja, Lagos, Nigeria. Semiannual.

235 **West African Journal of Surgery.** Lagos University, Teaching Hospital P.M.B. 12003, Idi-Araba, Surulere, Lagos, Nigeria. 3 times per year.

236 **World Health: The Magazine of the World Health Organization.** World Health Organization, 1211 Geneva 27 Switzerland. 10 times a year. English, French, Portuguese, Russian, and Spanish. Available 4 times per year in Arabic, Persian, German, and Italian.

237 **World Health Forum: An International Journal of Health Development.** World Health Organization, 1211 Geneva 27 Switzerland. Quarterly. English, French, Spanish, and Arabic.

238 **World Health Organization Technical Report Series.** World Health Organization, 1211 Geneva 27 Switzerland. 15 to 20 issues per year. English, French, Russian, and Spanish. Some issues in Arabic.

239 **World Health Statistics Quarterly.** World Health Organization, 1211 Geneva 27 Switzerland. Quarterly. English and French.

240 **World Hospitals.** Update Publications Ltd., 33-34 Albert St., London WC1E 7DP United Kingdom. Quarterly. (Sponsored by the International Hospital Federation.)

241 **World Medical Journal.** World Medical Association, 28 Ave. des Alpes, F01210, Ferney-Voltaire, France. Bimonthly.

# reference resources on primary health care

## A. Bibliographies

- 242** *Auxiliaries in Primary Health Care: An Annotated Bibliography*. K. Elliott. Intermediate Technology Publications Ltd., 9 King St., London WC2E 8HN United Kingdom. 1979. \$9.50. 127 pp. ISBN 0-903031-58-2.
- This is a revised, updated version of the 1975 book, *The Training of Auxiliaries in Health Care*. Includes abstracts of articles, journals, books and manuals dealing with auxiliaries in primary health care: their training, education, and involvement in the community. Appendices supply addresses of useful organizations, journals, and publishers. Many of the publications listed are available in languages other than English.
- 243** *A Bibliography of United Nations Publications on Population*. S. Rhodes. United Nations Fund for Population Activities, 220 East 42nd St., New York, New York 10017 USA. 1979. 251 pp.
- The publications in this bibliography are listed according to the standard classification used by the United Nations Fund for Population Activities in classifying its population projects and programs. An alphabetical listing is provided and many publications are annotated.
- 244** *Breast Is Best: A Bibliography on Breast Feeding and Infant Health*. N. Baumslag *et al.* U.S. Department of Health and Human Services, Office of International Health, 1980. \$19 (discount given to developing countries). Available from: USAID Report Distribution Center, P.O. Box 353, Norfolk, Virginia 23501 USA. Order No. PN-AAH-148. 139 pp.
- This is an annotated bibliography of world research on breastfeeding and infant health. The material is divided into 8 sections. (1) breastfeeding in general; (2) quality and quantity of breast milk; (3) infant morbidity and mortality; (4) the infant food industry; (5) maternal nutrition; (6) supplementary food and weaning; (7) breastfeeding and reproduction; and (8) promotion of breastfeeding. Author and country indexes are appended.
- 245** *Health and Society in Africa: A Working Bibliography*. S. Feierman. Brandeis University, African Studies Association, Waltham, Massachusetts. 1978. Order from Crossroads Press, Kinsey Hall, University of California, Los Angeles, California 90024 USA. \$25.
- The most comprehensive compilation of health care material available on Africa. A unique reference work for medical and Africanist research. A publication of the Archival and Bibliographic Series.
- 246** *Health Care in the People's Republic of China: A Bibliography with Abstracts*. S. Akhtar with an introduction by J. MacLeod. International Development Research Centre, P.O. Box 8500, Ottawa K1G 3H9 Canada. 1975. 182 pp. English and French. IDRC Order No. IDRC-038c.
- This bibliography includes material on the approaches taken by the People's Republic of China to deliver health services to its people, both rural and urban. The material presented should prove useful to people concerned with providing health services and training auxiliary health workers. The literature concentrates on the "barefoot doctors" of China, and covers the period 1949-74.
- 247** *Infectious Diseases in Twentieth Century Africa: A Bibliography of Their Distribution and Consequences*. K. Patterson. African Studies Association, Epstein Service Bldg., Brandeis University, Waltham, Massachusetts 02254 USA. Order from Crossroads Press, Kinsey Hall, University of California, Los Angeles, California 90024 USA. 1979. \$25.
- Contents include reference works, bibliographies, general works, and texts. Diseases covered include: anthrax, arbovirus infections, brucellosis, cerebrospinal meningitis, cholera, diphtheria, dysentery and diarrhea, filariasis, guinea worm, helminthic infections, hookworm, influenza, leishmaniasis, leprosy, malaria, measles, mycoses, plague, pneumonia, poliomyelitis, relapsing fever, schistosomiasis, smallpox, toxoplasmosis, trachoma, trypanosomiasis, tuberculosis, typhoid fever, and other infectious diseases.
- Low-Cost Rural Health Care and Health Manpower Training: An Annotated Bibliography with Special Emphasis on Developing Countries*. S. Akhtar *et al.* (eds.). International Development Research Centre. See entry 040.
- 248** *Low-Cost Technology Options for Sanitation: A State-of-the-Art Review and Annotated Bibliography*, W. Rybczynski *et al.* International Development Research Centre, P.O. Box 8500, Ottawa K1G 3H9 Canada. \$10 but special discounts to developing countries. 184 pp. Order No. IDRC-102c.
- This technology review and bibliography describes alternative approaches to collection, treatment, reuse, and disposal of wastes. Describes the broad range of human waste management systems available today. Includes keyword and author index together with a glossary and illustrations.

- 249** *Management of Primary Health Care in Developing Countries: A Selected Annotated Bibliography on Current State of the Art.* E. Petrich *et al.* Health Manpower Development Staff, John A. Burns School of Medicine, University of Hawaii 1833 Kalakaua Ave., Suite 700, Honolulu, Hawaii 16815 USA. 1981. Free on written request.
- A selected bibliography covering health services organization, management analysis and planning, leadership and coordination, community involvement, team building, supervision and performance evaluation, financial management, drugs and supply management, transportation management, communications management, records, and information management.
- 250** *Oral Rehydration Therapy: An Annotated Bibliography.* N. Baumslag *et al.* Pan American Health Organization, Distribution and Sales Office, 525 23rd St., N.W., Washington, D.C. 20037 USA. 1980. Free. 116 pp. English and Spanish.
- This document consists of annotated references on oral rehydration therapy in the treatment of diarrhea. The 133 entries are arranged under five categories: history, clinical trials, composition, impact, and implementation. The period covered is 1949-1979. All publications are in English. The document contains author and country indexes.
- 251** *Reference Material for Health Auxiliaries and Their Teachers.* World Health Organization, 1211 Geneva 27 Switzerland. 1976. Offset Publication No. 28. 15 Sw. fr. 97 pp. English and French.
- Four hundred selected items are listed according to subject and author. Publishers' addresses are given in full for procurement of material.
- 252** *Selected Bibliographies and State-of-the-Art Review for Health Facilities Planning.* M. Whitefield and W. Graff (eds.). Office of International Health, U.S. Public Health Service, 1979. 52 pp. Available from National Technical Information Service, 5285 Port Royal Rd., Springfield, Virginia 22161 USA. Order No. PB80-183783. \$8 (microfiche \$3.50).
- This bibliography and state-of-the-art paper highlights the health assessment and planning methods that have been developed to meet the needs of developing countries. The bibliography section includes 110 annotated references to books and papers published since 1969. The annotations are grouped into subject categories such as administration, manpower, primary care, and utilization.
- 253** *Selected Bibliographies and State-of-the-Art Review for Manpower Planning.* R. Staff (ed.). Office of International Health, U.S. Public Health Service, 1979. 83 pp. Available from National Technical Information Service, 5285 Port Royal Rd., Springfield, Virginia 22161 USA. Order No. PB80-183757. \$6.50 (microfiche \$3.50).
- This literature review and annotated bibliography contains nearly 400 references concerning health manpower planning in developing countries. The review of the literature is organized into subject categories, and each category is further divided into specific topics. An author index follows the review. The selected bibliography contains 224 entries presented alphabetically. Publication dates of entries range from 1958 through 1978.
- 254** *Selected Bibliographies and State-of-the-Art Review for Socio Cultural Factors in Health; Socio-Cultural Factors in Health References.* R.W. Fraser and H. Shani. Office of International Health, U.S. Public Health Service, 1979. 89 pp. Available from National Technical Information Service, 5285 Port Royal Rd., Springfield, Virginia 22161 USA. Order No. PB 80-183767. \$9.50 (microfiche \$3.50).
- The state-of-the-art paper and bibliography are intended for health workers in developing countries. The former gives an overview of the cultural belief systems that are indigenous to Africa, Asia, Central America, and South America. The bibliography consists of 94 annotated references to books and papers that were published between 1942 and 1977. Author and geographical indexes are included.
- 255** *Selected Bibliographies for Pharmaceutical Supply Systems.* L. Schaumann. Office of International Health, U.S. Public Health Service, 1979. 30 pp. Available from National Technical Information Service, 5285 Port Royal Rd., Springfield, Virginia 22161 USA. Order No. PB80-183775. \$6.50 (microfiche \$3.50).
- This paper and bibliography focuses on the establishment of pharmaceutical supply systems in the rural areas of developing countries. The bibliography section contains 110 references to books and papers that were published between 1952 and 1977.
- Traditional Medicine: Implications for Ethnomedicine, Ethnopharmacology, Maternal and Child Health, Mental Health, and Public Health: An Annotated Bibliography of Africa, Latin America and the Caribbean.* I.E. Harrison and S. Cosminsky. Garland Publishing Co., 136 Madison Avenue, New York, New York 10016 USA. 1976. 299 pp. See entry 130.

- 256** *Women and Development: Bibliographic Supplement of the UNICEF Guide List ISIS*. United Nations Children's Fund (UNICEF), Supply Specifications Section, 866 U.N. Plaza, New York, New York 10017 USA. 1977.

A selected bibliography of current publications and other resources on activities related to: foods and nutrition; handicrafts and domestic arts; family and child welfare; literacy and numeracy; marketing, cooperatives, and consumer education; and labor-saving practices. The excellent section on home/family and child welfare covers health and nutrition education, child and family care, day care, responsible parenthood, traditional birth attendants, village pharmacies and first aid, home construction and maintenance, water supply and environmental sanitation.

## B. Directories, Handbooks and Catalogs

- 258** *AMREF Rural Health Series Manuals*. African Medical and Research Foundation, P.O. Box 30125, Nairobi, Kenya. 1982. Publication catalog and price list. 8 pp. Excellent series of paperback books on child health, health education (see entry 055), obstetrics, pharmacology (see entry 132), mental health, communicable diseases (see entry 109), epidemiology, management, occupational health, community health, and other topics. Clearly written and informative. Based on experience in East Africa.
- 259** *Appropriate Technology for Health Directory: A Directory of Organizations, Institutions, Groups, and Individuals*. 3rd edition. World Health Organization, 1211 Geneva 27 Switzerland. 1980. This edition lists 418 organizations, institutions and individuals from 83 countries who are involved in the area of appropriate technology for health. A valuable guide for health service administrators.
- 260** *Basics: A Source of Shared Information on Rural Development*. Rural Communications, 17 St. James St., South Petherton, Somerset TA12 5BS United Kingdom. *Basics* includes well-illustrated and easy-to-follow directions for appropriate technology solutions to health, agricultural, and housing problems.
- 261** *Catalog: World Bank Publications 1982*. World Bank, Publications Unit, 1818 H St., N.W., Washington, D.C. 20433 USA. 1982. Free. 76 pp. World Bank publications are no longer free. This catalog lists World Bank publications in 17 categories including 3 pages on Population and Public Health. Includes abstracts, prices, and directions on how to obtain the publications.
- 262** *Catalogue of the Population Council Library*. G.K. Hall & Co., 70 Lincoln St., Boston, Massachusetts USA. 1979. 3 vols. Two sections (author/title and subject) list 33,000 cards for over 10,000 books, pamphlets, documents, and theses in the Council's Library collection. Library covers much of the world and is rich in reports and unpublished documents.
- 263** *Catalogue of Teaching Materials in Family Health, Medicine*. 4th edition. Prepared by the African Health Training Institutions Project, Carolina Population Center, Office of Medical Studies, University of North Carolina, Chapel Hill, North Carolina 27514 USA.

All materials listed in this catalogue can be obtained from the African Medical and Research Foundation, c/o Wilson Airport, P.O. Box 30125, Nairobi, Kenya. Includes self-instructional units on the community, family structure, and family roles.

- 264** *Communication and Non-Formal Education in Population/Family Planning: An Index of Materials Together with Information on Obtaining These Materials.* Compiled by D. J. Radel and S. Konoshima. East-West Communication Institute, 1777 East-West Road, Honolulu, Hawaii USA. 1976. 301 pp.  
Contains some 3000 references in English, Spanish, and French.
- 265** *Directory of African Women's Organizations.* African Training and Research Center for Women of the Economic Commission for Africa, P.O. Box 3001, Addis Ababa, Ethiopia. 1978. Free. 120 pp.
- 266** *Directory of Demographic Research Centers.* Committee for International Cooperation in National Research in Demography, 27 rue du Commandeur, 75675 Paris, CEDEX 14, France. 1974. English and French.  
This directory of demographic research centers is listed by country and continent. The Directory deliberately contains only a small number of international organizations.
- 267** *Directory of Development Resources: On-Call Technical Support Services, Information Clearing Houses, Field Research Facilities, Newsletters, Databases, Training.* United States Agency for International Development, DS/DIU, Resource Utilization Division, Washington, D.C. 20523 USA. 1979. Free. 400 pp. English, French, and Spanish. Other language editions planned.  
Of interest to policy makers and others who wish to become familiar with development activities supported by USAID.
- 268** *Directory of Services for Technical Cooperation Among Developing Countries.* 2d edition. United Nations Development Program, 1978. Available from United Nations Publications, New York, New York 10017 USA. \$30. Also distributed by TCDC Special Unit, United Nations Development Program, One United Nations Plaza, New York, New York 10017 USA.  
Valuable directory of services offered by developing countries to other developing countries. An important
- element of the TCDC is a computerized information referral system (INRES) of which the directory is part. Data in the INRES directory were supplied by 850 organizations in 67 developing countries. These are listed with their addresses.
- 269** *Directory of U.S. Based Agencies Involved in International Health Assistance.* National Council for International Health, 2121 Virginia Ave., N.W., Suite 303, Washington, D.C. 20037 USA. 1980. \$13.50. 268 pp.  
Contains information on more than 300 agencies in the private sector which have health, nutrition, and population programs in developing countries—private and voluntary organizations, civic groups, professional associations, labor unions, universities, small business groups, and transnational corporations. The Directory, in looseleaf binder format to allow for periodic updating, is arranged alphabetically by type of organization. It is also cross-indexed by state, by categories of assistance provided (e.g. primary health care, nutrition, health planning), and by regions of assistance (e.g. Africa, Asia, Caribbean).
- 270** *Guide to Sources of International Population Assistance.* United Nations Fund for Population Activities, 220 East 42nd St., New York, New York 10017 USA. 1979. 2 volumes. Issued every 3 years.  
Descriptions of multilateral, regional and bilateral agencies, non-governmental organizations, university centers, research institutions, and training organizations which offer a broad range of assistance, financial and otherwise. Includes addresses, subject, geographical and name indexes. Valuable as a listing of financial and other resources, but also as a reference guide to organizations many of which work outside of the population area.
- 271** *Handbook of Ophthalmology for Developing Countries.* 2d edition. G. Bisley. Oxford University Press, 200 Madison Ave., New York, New York 10016 USA. 1980. \$13.95.  
Written by an ophthalmologist who has practiced in hospitals in Kenya and established mobile eye units throughout eastern Africa for 33 years, this technical handbook is designed to be used by physicians, medical students, and paramedical personnel. Includes chapters on the prevention and treatment of eye diseases as well as directions on how to set up an eye clinic.

- 272** *Health: A Multimedia Source Guide*. J. Ash and M. Stevenson. R.R. Bowker Co., 1976. \$16.50. Order from P.O. Box 1807, Ann Arbor, Michigan 48106 USA.
- Brief descriptions of organizations that publish, produce, or supply print and nonprint information about health subjects. Includes publishers, audio visual distributors, libraries, government agencies, and corporations. Contains a source and an alphabetic index, and selected list of sources that provide free or inexpensive pamphlet material.
- 273** *Health Sciences and Services: A Guide to Information Sources*. L. Lunin. Gale Research Company, Book Tower, Detroit, Michigan 48226 USA. 1979. Management Information Guide No. 36.
- An excellent guide covering a variety of subjects including health sciences and services. Other section headings include: Basic Health Sciences; Medicine-Clinical Sciences; Dentistry; Nursing; Public Health including a section on tropical medicine; Animal Medicine (Veterinary Medicine); Allied Sciences and Services; Hospitals and Nursing Homes; Health Information and Communication; Core Libraries for Health Sciences and Services; and Publishers, Data Base Distributors and Suppliers.
- 274** *Health Services Administration Education, 1981-1983*. The Association of University Programs in Health Administration, Suite 420, 1 Dupont Circle, Washington, D.C. 20036 USA. 1980. \$7.50. 270 pp.
- An excellent survey of health services and health administration training programs and centers for advanced studies located outside of North America. Brief capsules of information on all the major North American programs.
- 275** *The Hospitals and Health Services Yearbook and Directory of Hospital Supplies*. Institute of Health Service Administrators, 75 Portland Place, London W1N 4AN United Kingdom. Annual.
- Book covers many useful subjects. It lists major professional organizations and a guide to the British health services system for health workers in the Commonwealth.
- 276** *The Medical and Health Care Market Place Guide. A Comprehensive Guide to the U.S. Medical and Health Care Industry*. A.B. Hale and A. D. Hale. (eds.). Available from International Biomedical Information Service Inc., 8859 Southwest 69th Court, Miami, Florida 33156 USA. 1978. \$175. 680 pp.
- This book covers some 5000 local and regional distributors of medical and surgical equipment and hospital supplies. Besides the UNICEF catalogues, it is the best handbook of its kind. The high price is a drawback.
- 277** *Medical Books and Serials in Print: An Index to Literature in the Health Sciences*. Bowker Co. 1980 edition. \$47.50. 1576 pp. Order from P.O. Box 1807, Ann Arbor, Michigan 48106 USA.
- Lists over 45,000 titles in the health sciences and services available from over a thousand publishers. Includes monographs, books, anthologies, medical biographies, and novels. Has 5,000 subject categories with 6,000 cross-references conforming to recent Library of Congress subject heading specifications. Entries include newly published and forthcoming books as well as in-print backlist titles. Author, title, and subject indexes; directory of publishers with addresses. Also cites more than 8000 periodicals and other serials related to the health sciences. Indispensable for the medical librarian.
- 278** *National Library of Medicine Current Catalog*. U.S. National Library of Medicine. Available from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20042 USA. Order No. 017-052-80005-1. Annual subscription \$31.25.
- The Current Catalog is a guide to recently published books. It gives the National Library of Medicine's complete classification information and subject headings. The prices of the publications listed in the Current Catalog are included when this information is available. Each quarterly publication lists books and audiovisual serials cataloged during the quarter.
- 279** *Professional Organizations in the Commonwealth*, 2nd edition. N. Tett and J. Chadwick. The Commonwealth Foundation, 1976. \$26.50. 584 pp. Available from Rowman and Littlefield Co., 81 Adams Drive, Totowa, New Jersey 07511 USA.
- 280** *Research Programs in the Medical Sciences*. R.R. Bowker Co., 1980. \$80. 578 pp. Order from P.O. Box 1807, Ann Arbor, Michigan 48106 USA.
- Primarily of interest in the U.S. but not without value to researchers abroad, this directory is a guide to all manufacturing and industrial service companies, academic and non-profit organizations, and others doing research in the medical sciences. Medical sciences covered in this directory include all branches of medicine including veterinary medicine.

- 281** *Rural Technology in the Commonwealth*. Publications Section, Commonwealth Secretariat, Marlborough House, Pall Mall, London SW1Y 5HX United Kingdom.  
This work describes 120 organizations in 33 Commonwealth countries as well as 12 international organizations working on low-cost rural technologies. The detailed subject index directs the reader to over 400 techniques and processes described in the directory.
- 282** *Rural Water Supply and Sanitation in the Developing Countries. UNICEF Guidelist "OLGA"*. UNICEF, Supply Specifications Section, 866 U.N. Plaza, New York, New York 10017 USA. 1975.  
Contains sections on administration, surveys and investigations, water quality, field testing, sand analysis, well construction, well casing, well stream pumps, and prime movers. Basic equipment and their prices are discussed in detail in this very useful guide.
- 283** *UNICEF Guidelist "RANI"*. UNICEF, Supply Specifications Section, 866 U.N. Plaza, New York, New York 10017 USA. 1975.  
A composite list of equipment and supplies for peripheral health facilities correlated with the World Health Organization's "Provisional Reference List of Equipment and Supplies for Peripheral Health Services." This list replaces 7 previous separate lists. Consists of 2 sections: (1) a list proper, covering equipment and supplies for four typical health facilities and three categories of personnel engaged in extending the delivery of health care from health centers to villages and communities in remote areas; and, (2) an annex listing additional equipment and supplies proposed for basic health services and programs. The UNICEF lists are highly recommended for personnel involved in procurement of supplies.
- 284** *Union List of Population/Family Planning Periodicals: A Serial Holdings List of 36 North American APLIC Member Libraries and Information Centers*, S.K. Pasquariella and J. Wilkinson. Available from Association for Population/Family Planning Libraries and Information Centers/International, c/o Carolina Population Center Library, University of North Carolina, Chapel Hill, North Carolina 27514 USA. 1978. \$5 for developing country requesters. 135 pp.  
Over 2,000 serial titles, including publications of the U.S. government, the United Nations and other international organizations, and many titles of serials issued from developing world nations. Interdisciplinary subject coverage represents economics, business, medicine, basic life sciences, environment, urban studies, administration, and social sciences.
- 285** *World Directory of Pharmaceutical Manufacturers*, 2nd edition. IMS World Publications, Ltd., 229 High Holborn, London WC1V 7DA United Kingdom. 1978. 198 pp.  
Comprehensive compilation of 2,000 leading drug companies in 33 markets from Australia to Venezuela. Gives each company's drug products by trade name and by therapeutic category.  
*World Health Organization Directories of Training Institutions*. World Health Organization, 1211 Geneva 27 Switzerland. 1963-present. Irregular. English (E), French (F), and Russian (R) as indicated below.
- 286** *World Directory of Post-Basic and Post-Graduate Schools of Nursing*. 1965. 18 Sw. fr. 223 pp. (E,F,R)
- 287** *World Directory of Schools of Pharmacy*. 1966. 20 Sw. fr. 301 pp. (F, R)
- 288** *World Directory of Dental Schools*. 1967. 23 Sw. fr. 282 pp. (E,F)
- 289** *World Directory of Schools of Public Health*. 1972. 40 Sw. fr. 277 pp. (E,F,R)
- 290** *World Directory of Medical Schools*. 5th edition. 1979. 30 Sw. fr. 358 pp. (E,F)
- 291** *World Directory of Veterinary Schools*. 1973. 36 Sw. fr. 260 pp. (E,F)
- 292** *World Directory of Schools for Animal Health Assistants*. 1974. 24 Sw. fr. 196 pp. (E,F)
- 293** *World Directory of Schools for Medical Assistants*. 1976. 24 Sw. fr. 112 pp. (E,F)
- 294** *World Directory of Schools for Dental Auxiliaries*. 1977. 42 Sw. fr. 379 pp. (E,F)
- 295** *World Directory of Schools for Medical Laboratory Technicians and Assistants*. 1977. 55 Sw. fr. 567 pp. (E,F)
- 296** *World Directory of Schools for Auxiliary Sanitarians*. 1978. 16 Sw. fr. 81 pp. (E,F)

## C. Computerized Information Services

- 297** *World Health Organization Publications, 1947-1979.* World Health Organization, 1211 Geneva 27 Switzerland. 1980. Free. 133 pp. English, French, and Spanish.

The WHO publications are grouped into subject categories, such as communicable diseases, health manpower, health services development, maternal and child health, nutrition, and water and wastes. Cross-references are provided to other subject headings when two or more subjects are closely related. Within the subject categories, the publications are organized into periodicals and series, of which single numbers may be obtained. Specific articles in periodical publications appear only if they have been reprinted as separate publications. Special prices are available to developing countries. The catalog includes a subject index, an author index, the addresses of the WHO regional offices, and subscription and price information.

This section consists of a selected list of computerized bibliographic and data retrieval files which may be of interest to health professionals in the international health field. These files are mainly produced in the United States or the United Kingdom, and, although it is technologically possible to obtain direct access to these files from developing country locations, the cost involved may be prohibitive. For that reason, this section also includes an extensive list of information centers and information brokers outside the USA who will perform and sell computer searches on request.

The price of computer searches varies so it is suggested that several information brokers or centers be contacted to obtain price information. Each of the brokers or information centers performs computer searches through one of three computer file vendors listed below (i.e., DIALOG, NLM, or SDC) which appear in parentheses at the end of each computer file listing. Therefore, readers interested in a computer search should write to one of the three vendors listed or to a cooperating broker or information center in their region.

- 300** **DIALOG**—DIALOG Information Services, Inc.  
Marketing Department  
3460 Hillview Avenue  
Palo Alto, California 94304 USA
- 301** **NLM**—U.S. National Library of Medicine  
MEDLARS Management Section  
8600 Rockville Pike  
Bethesda, Maryland 20209 USA
- 302** **SDC**—System Development Corporation  
2500 Colorado Avenue  
Santa Monica, California 90406 USA

### INFORMATION RETRIEVAL FILES

- 303** **AGRICOLA**, 1970-present, 1,476,000 records with monthly updates of approximately 12,000 citations. U.S. National Agricultural Library, Beltsville, Maryland, USA.

AGRICOLA (formerly the CAIN data base) provides comprehensive worldwide coverage of journal and monograph literature (including U.S. government reports) on various agricultural subjects and related topics. Subject matter pertains to agricultural economics, general agriculture and rural sociology, veterinary medicine, human nutrition, entomology, natural resources, and agricultural chemistry. The file consists of the holdings of the U.S. National Agricultural Library (DIALOG) (SDC under the name AGRICOLA/AG7078).

- 304 AVLINE** (AudioVisuals onLINE), 10,497 records, updated weekly. U.S. National Library of Medicine, Bethesda, Maryland, USA.  
AVLINE contains citations and abstracts for audio-visual teaching packages used in health sciences education at the college level and for the continuing education of medical practitioners. All titles in AVLINE are screened for technical quality; all but lecture-type recordings are also reviewed for currency, content accuracy, and teaching effectiveness (NLM).
- 305 BIOETHICSLINE**, 1973-present, 12,180 records, updated monthly. U.S. National Library of Medicine, Bethesda, Maryland USA and the Kennedy Institute of Ethics, Center for Bioethics, Georgetown University, Washington, D.C., USA.  
BIOETHICSLINE consists of citations to literature on bioethical topics such as euthanasia, human experimentation, and abortion. Literature is selected from the literature of the health sciences, philosophy, law, religion, psychology, and from the popular media (NLM).
- 306 CANCERLIT** (CANCER LITerature), 1963-present, 281,885 records, updated monthly. U.S. National Cancer Institute, Bethesda, Maryland, USA.  
Formerly CANCERLINE, this file contains references to literature on various aspects of cancer. All references have English abstracts. Over 3,000 U.S. and foreign journals are regularly scanned for inclusion. Selected monographs, meeting papers, reports, and dissertations are also included (NLM).
- 307 CLINPROT** (CLINical cancer PROTOCOLs), 2,860 records, updated monthly. U.S. National Cancer Institute, Bethesda, Maryland, USA.  
Contains summaries of clinical investigations of new anticancer agents and treatment techniques (NLM).
- 308 EXCERPTA MEDICA**, June 1974-present, 1,411,900 records, monthly updates. Excerpta Medica, Amsterdam, The Netherlands.  
This computer file covers the worldwide literature of biomedicine and consists of journal articles with abstracts from over 3,500 biomedical journal titles. Subject coverage includes literature on drugs and pharmaceuticals, environmental health, hospital management, and public health (DIALOG).
- 309 Food Science and Technology Abstracts**, 1969-present, 206,700 citations, monthly updates. International Food Information Service, Berkshire, United Kingdom.  
Covers journal articles, books, and patent literature concerned with hygiene, toxicology, human food commodities and food processing, and pre-processing, quality control, packaging, microbiology, food laws, and related topics. This file provides access to over 1,200 journals from over 50 countries and patents from 20 countries (DIALOG) (SDC under the name FSTA).
- 310 Health Planning & Administration**, 1975-present, 194,126 records U.S. National Library of Medicine, Bethesda, Maryland, USA.  
Contains references to literature on health planning, organization, financing, management, manpower, and related subjects. The references are from journals indexed for MEDLINE, *Hospital Literature Index*, and other journals selected for their emphasis on health care (NLM).
- 311 International Pharmaceutical Abstracts**, 1970-present, 64,513 citations, bimonthly updates. American Society of Hospital Pharmacists, Washington, D.C., USA.  
Provides citations and abstracts to the literature on development and use of drugs as well as health-related drug literature. Over 7,000 citations are added annually from over 500 pharmaceutical, medical, and related journals (DIALOG).
- 312 Life Sciences Collection**, 1978-present, 396,600 records, monthly updates. Cambridge Scientific Abstracts, Bethesda, Maryland, USA.  
Contains abstracts to journal articles, books, conference proceedings, and report literature relevant to animal behavior, biochemistry, ecology, entomology, immunology, toxicology, microbiology, and virology (DIALOG).
- 313 MEDLINE** (MEDlars onLINE), 1966-present, 3,400,000 records, updated monthly. U.S. National Library of Medicine, Bethesda, Maryland, USA.  
MEDLINE contains references to biomedical journal articles. MEDLINE corresponds to three printed indexes: *Index Medicus*, *Index to Dental Literature*, and *International Nursing Index*. Literature from 3,000 journals published in the U.S. and 70 foreign countries are included. MEDLINE also includes a limited number of chapters and articles from selected monographs (NLM) (DIALOG).
- 314 NTIS**, 1964-present, 863,500 citations, biweekly updates. National Technical Information Service, U.S.

Department of Commerce, Springfield, Virginia 22161 USA.

This file consists of citations to U.S. government-sponsored research and development technical reports and analyses prepared by federal agencies, their contractors, and grantees. The file is multidisciplinary and includes coverage of developments in agriculture, behavioral sciences, social sciences, biological and medical sciences, and chemistry. (DIALOG) (SDC under the name NTIS/NTIS6469).

- 315 **PESTDOC/PESTDOC-II**, 1968-present, approximately 8,500 citations are added annually, quarterly updates. Derwent Publications, Ltd., London, United Kingdom. Coverage is provided to the worldwide literature on pesticides and other agricultural chemicals. Document types covered include journal articles, conference proceedings, and research reports. Of interest to agricultural chemical manufacturers. Does not include information on fertilizers (SDC).

- 316 **POPLINE** (POPulation information onLINE), 1970-present, 100,000 records, updated monthly. Johns Hopkins University Population Information Program, 624 North Broadway, Baltimore, Maryland, USA. Information Program, Center for Population and Family Health, Columbia University, 60 Haven Avenue, New York, New York, USA; and Population Index, Princeton University, Princeton, New Jersey, USA.

POPLINE is a cooperatively produced computerized retrieval file of bibliographic citations with abstracts available through the U.S. National Library of Medicine's Biomedical Communications Network. Financial support is provided by the U.S. Agency for International Development. The POPLINE file consists of bibliographic citations and abstracts of published and unpublished biomedical and social science literature relevant to the fields of population and family planning. Document types covered include journal articles, monograph chapters, monographs, conference proceedings, dissertations, government and international agency publications, internal memoranda, and technical reports. POPLINE is international in scope and input is not restricted to English language literature. Emphasis is placed on coverage of literature on developing countries. Subjects covered include abortion, population law and policy, contraceptive technology, population research, demography, fertility, and program evaluation as well as evaluation methodology. Photocopies of most documents cited are available on request from either the Population Information Pro-

gram or the Center for Population and Family Health; both literature searches and copies of cited documents are provided free of charge on request from developing countries (NLM or data base producers).

- 317 **Population Bibliography**, 1966-present, 53,500 records, bimonthly updates. University of North Carolina, Carolina Population Center, Chapel Hill, North Carolina, USA.

Provides bibliographic citations to the worldwide literature on population and family planning; emphasis is placed on coverage of literature on developing countries and the United States. Document types covered include monographs, periodicals, technical reports, government documents, conference proceedings, dissertations, and unpublished literature. Subject coverage includes abortion, demography, migration, family planning, fertility, population research, and population education (DIALOG).

- 318 **Social Science Citation Index**, 1972-present, 1,015,000 records, monthly updates. Institute for Scientific Information, Philadelphia, Pennsylvania, USA.

Available from DIALOG under the name SOCIAL SCISEARCH and from SDC under the name SSCI, this file provides extensive coverage of the worldwide journal literature relevant to the social and behavioral sciences. In addition to coverage of social science periodicals, citations are also selected from 2,200 journals in the natural, physical, and biomedical sciences, and relevant monographs are included as well (DIALOG) (SDC).

- 319 **RTECS** (Registry of Toxic Effects of Chemical Substances), 1979-present, 50,179 records, updated annually. U.S. National Institute for Occupational Safety and Health, Bethesda, Maryland, USA.

Formerly the *Toxic Substances List*, this file is an annual compilation containing acute toxicity data for approximately 41,000 substances. For some compounds there are also threshold limit values, recommended standards in air, and aquatic toxicity data (NLM).

- 320 **RINGDOC/RING6475**, July 1964-present, approximately 40,000 citations are added annually, monthly updates. Derwent Publications, Ltd., London, United Kingdom.

Provides extensive coverage of the world's pharmaceutical literature, including all aspects of drugs, their analysis, biochemistry, chemistry, pharmacology, and side effects. Most citations are for journal articles (SDC).

- 321 TOXLINE** (TOXicology information onLINE), 1950-present, 595,535 records. U.S. National Library of Medicine, Bethesda, Maryland, USA.

TOXLINE contains references on published human and animal toxicity studies, effects of environmental chemicals and pollutants, and adverse drug reactions. Almost all of the references have abstracts and most chemical compounds mentioned are further identified with Chemical Abstracts Service Registry Numbers. The references included are from three major published secondary sources and eight special literature collections maintained by other organizations (NLM).

## DIALOG SERVICES

### Information Centers Outside U.S.A.

- 322 AUSTRALIA**—Insearch DIAL Services  
P.O. Box J36  
Brickfield Hill  
New South Wales 2000, Australia
- 323 AUSTRIA**—Austrian Solar & Space Agency  
Eva-Maria Muller  
Garnisongasse 7  
1090 Vienna, Austria
- 324** Dokumentationsstelle für Strassenbau und Verkehrstechnik  
Postfach 8  
A-1031 Vienna, Austria
- 325 BELGIUM**—Bureau Marcel Van Dijk, S A—  
Ingenieurs Conseils en Methodes de Direction  
Ave. Louise, 409-Boite 1  
Bruxelles 1050, Belgium
- 326 CANADA**—Alberta Information Retrieval Association  
Alberta Research Council Information Systems  
11315 87th Ave.  
Edmonton, Alberta T6G 2C2, Canada
- 327** Information Resources  
45 Inglewood Drive  
Toronto, Ontario, M4T 1G9, Canada
- 328 DENMARK**—Business Information Int'l.  
APS 34, Kompagnistraede  
DK-1208 Copenhagen K, Denmark
- 329 FRANCE**—Bureau Marcel Van Dijk, Paris  
57, rue Sainte-Anne  
Paris 75002, France
- 330 GERMANY**—Metallgesellschaft AG  
Reuterweg 14  
Box 3724  
Frankfurt 6000, West Germany
- 331 MEXICO**—SECOBI  
Barranca del Muerto #210-3er. Piso  
Mexico 20, D.F., Mexico
- 332 THE NETHERLANDS**—Centre for Agricultural Publishing and Documentation  
P.O. Box 4  
6700 AA Wageningen, The Netherlands
- 333** Centre for Technical & Scientific Information & Documentation  
Organization for Applied Scientific Research TNO  
Box 36, Delft 2600 AA  
The Netherlands
- 334** Rijks Universiteit Utrecht Bibliotheek  
Afdeling Biomedische Informatie  
Yalelaan 1  
3584 CL Utrecht  
The Netherlands
- 335** SWIDOC  
Koninklijke Nederlandse Akademie van Wetenschappen  
Herengracht 410  
1017 BX Amsterdam, The Netherlands
- 336 SWEDEN**—Royal Institute of Technology Library  
Information & Documentation Center  
S-100 44 Stockholm, Sweden
- 337 SWITZERLAND**—DOKDI  
Schwiz. Akademie der Medizinischen Wissenschaften  
Waldheimstrasse 20  
Berne CH 3012, Switzerland
- 338 UNITED KINGDOM**—Central Information Service  
University of London  
Senate House, Malet Street  
London WC1E 7HU, United Kingdom
- 339** POLYLINE  
Department of Library & Information Studies  
Tithebarn St.  
Liverpool L2 2ER, United Kingdom

- 340 **YUGOSLAVIA**—Informacijski Center  
6100 Ljubljana  
Vojkova 69, Yugoslavia

## **MEDLARS SERVICES**

### **Information Centers Outside U.S.A.**

- 341 **AUSTRALIA**—Australian MEDLARS Service  
National Library of Australia  
Canberra ACT 2600, Australia
- 342 **CANADA**—Canada Institute for Scientific and Technical Information  
National Research Council  
Ottawa, Canada K1A 0S2
- 343 **COLOMBIA**—FUNDACION OFA  
Carrera 7 No. 29-34, Piso 3  
Bogota, DE Colombia
- 344 **FRANCE**—INSERM MEDLARS  
Centre du Documentation  
Hopital de Bicetre  
78, rue du General Le Clerc  
94270 Le Kremlin Bicetre  
Paris, France

## **SDC SEARCH SERVICES**

### **Information Centers Outside U.S.A.**

- 345 **GERMANY**—DIMDI MEDLARS CENTER  
5 Koln 41  
Postfach 420580  
West Germany
- 346 **ITALY**—Istituto Superiore Di Sanita  
Viale Regina Elena 299  
Rome, Italy 00161
- 347 **JAPAN**—The Japan Information Center of Science and Technology  
C.P.O. Box 1478  
Tokyo, Japan
- 348 **MEXICO**—Centro Nacional de Informacion y Documentation en Salud  
RIO MIXCOAC 36—90  
Mexico 12, D.F., Mexico
- 349 **PAN AMERICAN HEALTH ORGANIZATION**—  
Biblioteca Regional de Medicina  
04023 Rua Botucatu 862  
Caixa Postal 20.381  
BIREME, Sao Paulo, Brazil
- 350 **SOUTH AFRICA**—Institute for Medical Literature  
South African Medical Research Council  
P.O. Box 70  
Tygerberg 7505  
South Africa
- 351 **SWEDEN**—Medical Information Center (MIC)  
Karolinska Institutet  
Fack S-104  
01 Stockholm, Sweden
- 352 **SWITZERLAND**—DOKDI  
Waldheimstrasse 20  
CH 3012  
Bern, Switzerland
- 353 **UNITED KINGDOM**—The British Library  
Bibliographic Services Division  
7 Rathbone Street  
London W1P 1AL, United Kingdom
- 354 **AUSTRALIA**—Insearch DIAL Services  
P.O. Box 123  
Broadway, N.S.W. 2007  
Australia
- 355 Energy Technology  
G.P.O. Box 4949  
Sydney, N.S.W. 2001  
Australia
- 356 **FINLAND**—Technical Research Centre of Finland  
Technical Information Service  
Vuorimiehentie 5  
SF-012150 ESPOO 15, Finland
- 357 **FRANCE**—Center for Business Information  
7, rue Buffon  
B-75005 Paris, France
- 358 **THE NETHERLANDS**—Centre for Agricultural Publishing and Documentation  
P.O. Box 4  
6700 AA Wageningen, The Netherlands

- 359 **SOUTH AFRICA**—SARIS (South African Retrospective Information System)  
P.O. Box 395  
Pretoria 0001, South Africa
- 360 **SWEDEN**—Chalmers University of Technology Library Pack  
S-402 20 Gothenburg 5, Sweden
- 361 Royal Institute of Technology Library  
Information and Documentation Center  
100 44 Stockholm, Sweden
- 362 **UNITED KINGDOM**  
Brodericks Technical Information Services  
Chancery House, Chancery Lane  
London, WC2A 1QU, United Kingdom
- 363 **UMIST** (University of Manchester Institute of Science and Technology)  
Computation Department  
P.O. Box 88  
Sackville St.  
Manchester, M60 1Qd, United Kingdom

### Additional Reading

- 364 *Directory of Online Databases*, R. Cuadra, D. Abels, and J. Wanger. Cuadra Associates, Inc., 1523 Sixth St., Suite 12, Santa Monica, California 90401 USA. Quarterly. Annual Subscription: \$60.00 (U.S.); \$66.00 (Canada and Mexico); \$72.00 (all other countries).

*Local artists can help communicate simple health messages to people who can neither read nor write. The message of this Ethiopian artist is clear. UNICEF Photo*



# educational aids and training programs

## A. Audiovisual and Other Teaching Aids

- 365** *Annotated Bibliography of Teaching-Learning Materials for Schools of Nursing and Midwifery*. World Health Organization, 1211 Geneva 27 Switzerland. Offset Publication No. 19. 1975. 51 Sw. fr. 449 pp. English, French, and Spanish.
- This bibliography describes printed and audiovisual materials. It covers printed materials in community and family health, the sciences, nursing care, nursing administration and management, nursing education, nursing theory, trends, and research. Also included is a directory of publishers' addresses, agencies, and distributors as well as a section on reference works, source materials, bibliographies, and author and title indexes. There is an extensive section on non-print materials.
- 366** *Audio-Visual Communication Handbook*, D. Pett (ed.). World Neighbors, International Headquarters, 5116 North Portland Ave., Oklahoma City, Oklahoma 73112 USA. \$2.50 each if 10 or more are ordered. 125 pp. English and Spanish.
- This manual is designed to assist educators plan, produce, and use instructional materials in the classroom and in the community. Materials that can be produced at minimal expense are emphasized. The manual is structured under five headings: planning instructional materials; using media in the community; presentation methods; materials and production techniques; and writing techniques.
- 367** *Audiovisual Equipment Directory*, S. Hericles (ed.). National Audio-visual Association, 3150 Spring St., Fairfax, Virginia 22031 USA. Annual. \$27 surface mail; \$35 air mail. 500 pp.
- The *Audiovisual Equipment Directory* is the most comprehensive, authoritative reference on audiovisual products. Issued every May to assist media users in the purchase of A-V equipment, the directory gives complete information, including specifications, prices, and equipment news.
- 368** *Audiovisual Market Place: A Multimedia Guide*. R.R. Bowker Co. Annual. \$37.50. 480 pp. Order from P.O. Box 1807, Ann Arbor, Michigan 48106 USA.
- Identifies 4,000 firms and individuals now active in 25 areas of A-V goods and services including hardware and software producers and distributors, music scoring and sound recording services, and many others. Provides new information about newsletters, a glossary of the latest terminology, and a production services section useful for organizations producing their own business and training films, audiocassettes, etc.
- 369** *Catalogue of Educational Materials*. Voluntary Health Association of India, C-14 Community Centre, Safdarjung Development Area, New Delhi 110016 India. Annual. 45 pp.
- Lists books, filmstrips, flash cards, and posters on topics such as "Modern Methods of Family Planning" (flannelgraph), "Better Child Care" (48 pages and photographs), "Prevention of Tetanus in the Newborn by Sterile Delivery Pack," and many other topics. Most resources are in English but the major Indian languages are also represented. Includes a listing of major producers and vendors of A-V materials from many countries.
- 370** *Catalogue of Film Strips*, J. McClear and L. Davidson. Carlos Campesino Productions. Order from Radmar Inc., 1292 Old Skokie Rd., Highland Park, Illinois 60035 USA. 1981. Free. English and Spanish.
- A catalogue of 59 film strip study guides designed for village-level use. Film topics include health, agriculture, nutrition, environmental sanitation, and child care.
- 371** *Films for Family Planning Programs, Population Reports*, Series J. No. 29, Jan.-Feb. 1981. 31 pp. The Johns Hopkins University Population Information Program, 624 North Broadway, Baltimore, Maryland 21205 USA. Free to developing countries.
- This issue of *Population Reports* includes a brief overview of the advantages, disadvantages, and points to be considered in the use of family planning films. Sixty-seven films are listed with information given on the type of film, length, language, price, and appropriate use. The films are categorized by purpose and content.
- 372** *Foundation for Teaching Aids at Low Cost (TALC). Catalogue of Color Slides Sets*. Order from Foundation for Teaching Aids at Low Cost, Institute of Child Health, 30 Guilford Street, London WC1N 1EH United Kingdom. Free.
- This 2 page listing covers 50 color slide sets which are available to health workers at or below production costs. The sets, containing 24-28 slides each, cover topics such as charting growth in small children, leprosy, skin diseases, and onchocerciasis. Scripts describing each slide and questions for discussions are included with the sets. These and many other excellent items are available from TALC.
- 373** *Health Education Index*. B. Edsal and Co., Ltd., 36 Eccleston Square, London SW1Z 1PF United Kingdom. 1980. 15 £ per copy. 362 pp.

This excellent work lists over 500 sources of supply and classifies over 9,000 different items. Each item is briefly described including leaflets, books, film strips, slides, tapes, cassettes, video cassettes, films, overhead projector transparencies, photographs, records, and models. Hundreds of wall charts and posters are illustrated in miniature in the catalogue.

- 374 *The Health Sciences Video Directory 1977*, L. Eidelberg (ed.). Esselte Video, 600 Madison Avenue, New York, New York 10022 USA. 1977. \$30. 270 pp.

An annotated directory which lists more than 4,400 individual programs or series in videocassettes or videotapes designed for professional undergraduate, continuing, in-service, and patient health education. Lists programs in alphabetical order by title. Each entry includes order information, format, intended audience, authority, and a synopsis of the contents.

- 375 *Nutrition Training Manual Catalogue*, R. Israel and P. Lamptey (eds.). Available from International Nutrition Communication/Service Publication, Educational Development Center, 55 Chapel Street, Newton, Massachusetts 02160 USA.

This reference tool is meant to assist health professionals, trainers, and field workers concerned with nutrition-related problems in developing countries. The manuals, which include textbooks, instructional guides, curriculum modules, and course outlines, are divided into nine program categories and are classified according to subject matter, author, title, publication date, language, number of pages, location, target group, stylistic emphasis, sponsor, publisher, and source.

- 376 *Selected Audio-Visual Materials Relevant to the Subject of Family Planning*. International Planned Parenthood Federation, 18-20 Lower Regent Street, London SW1Y 4PW United Kingdom. 1980. Free. 30 pp.

An extensive listing of family planning educational aids and films for use in family planning and related programs. Each film is described and information on the length, language, producer, distributor, and price given. Topics include the training of medical personnel, human reproduction, population problems, individual and family welfare, audiovisual media, and family planning with program examples from around the world.

- 377 *Teaching Village Health Workers. A Guide to the Process*, R. Harner et al. The Voluntary Health Association of India, C-14 Community Centre, Safdarjung Development Area, New Delhi 110016 India. 1978.

Very good teaching pack with lesson plans, games, slides, illustration, posters, and shapes for flannel-graph. Has an excellent set of flash cards developed in Nepal entitled, "Maternal Child Health Clinic," "When your Child is Sick", "Sores", "Rehydration", "Feeding Your Baby," and "Super Porridge." Experience of training health workers in Jamkhed and other programs is utilized in these materials.

- 378 *A User's Look at the Audio-Visual World*. National Audiovisual Association, 3150 Spring Street, Fairfax, Virginia 22031 USA. 1980. \$2.50 plus postage. 55 pp.

This booklet is designed to help the layman determine the most suitable audiovisual equipment for his needs. The first section examines vendor and manufacturer selection as well as the hardware's environment. The second section looks at some of the common types of equipment currently available (16mm projectors, rear projection screens, filmstrip projectors, etc.).

- 379 *Visual Aids for Nonformal Education*, J. Vella. Center for International Education, University of Massachusetts, 285 Hills House South, Amherst, Massachusetts 01003 USA. 1979. \$2.00 43 pp.

Suggests ways for field workers to use available materials in creative and innovative ways in nonformal education situations. Drawing on 20 years of experience in Tanzania and Kenya, the author offers practical advice on how to make and pretest charts, pictures, and models.

- 380 *Visual Communication Handbook: Teaching and Learning Using Simple Visual Materials*, D. Saunders. Teaching Aids at Low Cost, Institute of Child Health, 30 Guilford Street, London WC1N 1EH, United Kingdom. 1980. \$8.00 128 pp.

Excellent manual for use of visual educational aids written in clear language with many illustrations. Covers posters, drawings, models, drama, puppets, and films. Discusses picture selection and methods of effective communication.

## B. Education and Training Programs

### **PUBLIC HEALTH EDUCATIONAL PROGRAMS IN DEVELOPING COUNTRIES** (*partial list*)

- 381 Escola de Saude Publica de Minas Gerais, Avenida Augusto de Lima 2061, Belo Horizonte, M.G., Brazil.
- 382 Escola de Saude Publica do Parana, Secretaria de Saude, Rua Barao do Rio Branco, Curitiba, Parana, Brazil.
- 383 Escola de Saude Publica do Rio Grande do Sul, Secretaria de Saude, Avenida Borges de Medeiros, 308, Porto Alegre, R.G.S., Brazil.
- 384 Universidade de Sao Paulo, Faculdade de Saude Publica, Caixa Postal 8099, 01255 Sao Paulo, Brazil.
- 385 Institute of Medicine I, Rangoon, School of Preventive and Tropical Medicine, Lanmadaw, Rangoon, Burma.
- 386 Universidad de Chile, Departamento de Salud Publica y Medicina Social, Sede Santiago Norte, Independencia No. 939, Santiago, Chile.
- 387 Universidad de Antioquia, Escuela Nacional de Salud Publica, Calle 62 No. 52-19, Apartado 51922, Medellin, Colombia.
- 388 Universidad Central de Ecuador, Departamento de Salud Publica, Casilla de Correos 6120, Quito, Ecuador.
- 389 University of Alexandria, High Institute of Public Health, 165 Horreya Avenue, Alexandria, Egypt.
- 390 University of the West Indies, Department of Social and Preventive Medicine, P.O. Box 34, O.K. Mona, Kingston, Jamaica, West Indies.
- 391 University of Nairobi, Department of Community Health, Nairobi, Kenya.
- 392 Seoul National University, School of Public Health, 28 Yeon Kun-dong, Chongro-Ku, Seoul, Korea.
- 393 All India Institute of Hygiene and Public Health, 110 Chittaranjan Avenue, Calcutta 700073 India.
- 394 Armed Forces Medical College, Department of Preventive Medicine, Poona 1, Maharashtra, India.
- 395 Kerala University, Department of Preventive Medicine, Medical College, Trivandrum, Kerala, India.
- 396 K.G. Medical College, Department of Social and Preventive Medicine, Lucknow, Uttar Pradesh, India.
- 397 Osmania University, Department of Postgraduate Public Health, Osmania Medical College, Hyderabad, Andhra Pradesh, India.
- 398 Padjadjaran University, Department of Public Health, School of Medicine, Jalan Banda 42, Bandung, Indonesia.
- 399 University of Indonesia, Fakultas Kesehatan Masyarakat (School of Public Health), Pegangsaan Timur 16, Djakarta, Indonesia.
- 400 Tehran University, School of Public Health, P.O. Box 1310, Tehran, Iran.
- 401 University of Malaya, Department of Social and Preventive Medicine, Kuala Lumpur, Malaysia.
- 402 Escuela de Salud Publica de Mexico, Avenida Dr. Francisco de Miranda #177, Colonia Merced Gomez, Unidad Lomas de Plateros, Mexico 19, D.F., Mexico.
- 403 University of Lagos, Institute of Child Health, Health Centre Building, Randle Avenue, Surulere, P.M.B. 1001, Lagos, Nigeria.
- 404 Institute of Hygiene and Preventive Medicine, 6 Birdwood Road, Lahore, Pakistan.
- 405 Escuela de Salud Publica del Peru, Avenida Brasil 3558, Lima, Peru.
- 406 University of the Philippines, Institute of Public Health, 625 Pedro Gil Street, Ermita, Manila 2801 Philippines.
- 407 University of Singapore, Department of Social Medicine and Public Health, Faculty of Medicine, Outram Hill, Singapore 3.
- 408 Mahidol University, Faculty of Public Health, 420/1 Rajavithi Road, Bangkok 4 Thailand.
- 409 Hifzissihha Okulu (School of Public Health), Cemal Gursel Caddesi No. 17, Yenisehir, Ankara, Turkey.
- 410 Makerere University Medical School, Department of Preventive Medicine, P.O. Box 7072, Kampala, Uganda.
- 411 Universidad de los Andes, Departamento de Medicina Preventiva y Social, Apartado 185, Merida, Venezuela.
- 412 Universidad Central de Venezuela, Escuela de Salud Publica, Apartado 62231—Correos del Este, Caracas, Venezuela.

### **PUBLIC HEALTH SCHOOLS ACCREDITED BY THE U.S. COUNCIL ON EDUCATION FOR PUBLIC HEALTH**

- 413 Columbia University, School of Public Health, 600 West 168th St., New York, New York 10032 USA.

- 414 Harvard University, School of Public Health, Cambridge, Massachusetts 02138 USA.
- 415 The Johns Hopkins University, School of Hygiene and Public Health, 615 North Wolfe St., Baltimore, Maryland 21205 USA.
- 416 Loma Linda University, School of Health, Loma Linda, California 92354 USA.
- 417 Tulane University, School of Public Health and Tropical Medicine, 1430 Tulane Ave., New Orleans, Louisiana 70118 USA.
- 418 University of Alabama at Birmingham, Department of Public Health, School of Medicine/School of Community and Allied Health, University Station, Birmingham, Alabama 35294 USA.
- 419 University of California, School of Public Health, 19 Earl Warren Hall, Berkeley, California 94720 USA.
- 420 University of California at Los Angeles, School of Public Health, Center for the Health Sciences, Los Angeles, California 90024 USA.
- 421 University of Hawaii School of Public Health, 1960 East-West Road, Honolulu, Hawaii 96822 USA.
- 422 University of Illinois School of Public Health at the Medical Center, P.O. Box 6998, Chicago, Illinois 60612 USA.
- 423 University of Massachusetts, Division of Public Health, School of Health Sciences, Amherst, Massachusetts 01003 USA.
- 424 University of Michigan, School of Public Health, 109 Observatory St., Ann Arbor, Michigan 48109 USA.
- 425 University of Minnesota, School of Public Health, 420 Delaware St., S.E., Minneapolis, Minnesota 55455 USA.
- 426 University of North Carolina, School of Public Health, Rosenau Hall 201 H, Chapel Hill, North Carolina 27514 USA.
- 427 University of Oklahoma, School of Public Health, College of Health, Health Sciences Center, P.O. Box 26901, Oklahoma City, Oklahoma 73190 USA.
- 428 University of Pittsburgh, Graduate School of Public Health, 111 Parran Hall, Pittsburgh, Pennsylvania 15261 USA.
- 429 University of Puerto Rico, Faculty of Biosocial Sciences and Graduate School of Public Health, Medical Sciences Campus, G.P.O. Box 5067, San Juan, Puerto Rico 00905.
- 430 University of South Carolina, College of Public Health, Columbia, South Carolina 29208 USA.
- 431 University of Texas-Houston, School of Public Health, Health Science Center at Houston, P.O. Box 20186, Houston, Texas 77030 USA.
- 432 University of Washington, School of Public Health and Community Medicine, F356d Health Sciences Building, Mail Drop SC-30, Seattle, Washington 98195 USA.
- 433 Yale University, Department of Epidemiology and Public Health, School of Medicine, 60 College Street, New Haven, Connecticut 06520 USA.

#### **GRADUATE PROGRAMS IN COMMUNITY HEALTH EDUCATION** (*partial list*)

- 434 California State University-Northridge, Department of Health Science, Northridge, California 91330 USA.
- 435 Hunter College, Community Health Education Program, School of Health Sciences, 440 East 26th St., New York, New York 10010 USA.
- 436 New York University, Department of Health Education, School of Education, Health, Nursing and Arts Professions, South Building, Fifth Floor, Washington Square, New York, New York 10003 USA.
- 437 San Jose State University, Department of Health Science, School of Applied Sciences and Arts, San Jose, California 95912 USA.
- 438 University of Missouri, Division of Community Health Education, Department of Family and Community Medicine, TD-3W, Room 137, School of Medicine, Columbia, Missouri 65211 USA.
- 439 University of Tennessee, Health and Safety Department, College of Education, Knoxville, Tennessee 37916 USA.

#### **HEALTH ADMINISTRATION PROGRAMS IN THE UNITED KINGDOM** (*partial list*)

- 440 London School of Hygiene and Tropical Medicine, Keppel Street, London WC1E7HT United Kingdom. Offers degree program in health administration.
- 441 Liverpool School of Tropical Medicine, Pembroke Place, Liverpool L3 5QA United Kingdom. Offers a degree program in health administration and various short courses on tropical medicine, tropical child health, medical entomology, and other topics. Fees for short courses, \$250.

- 442 Nuffield Center for Health Services, The University of Leeds, Thoresby Place, Leeds LS2 9NL United Kingdom. Offers postgraduate diploma in health service administration for students from developing countries—a one year course.
- 443 Polytechnic of the South Bank, Borough R2, London SE1 0AA United Kingdom. Offers a two-year diploma course in hospital administration for students from overseas.

#### SHORT COURSES AND WORKSHOPS (*partial list*)

- 444 Institute of Child Health, University of London, 30 Guilford Street, London WC1 NEH United Kingdom. Offers a number of courses for personnel concerned with child health in developing countries. One course, sponsored by UNICEF and WHO, is for senior teachers of child health and has been taken by 130 pediatricians.
- 445 Hospital for Tropical Diseases, 4 St. Pancras Way, London NW1 OPE United Kingdom. Offers annual six month course for nurses planning to work in tropical countries. Applicants must be registered with the General Nursing Council for England and Wales. No tuition fee as this is a work/study course.
- 446 Department of Clinical Epidemiology, McMaster University, 1200 Main St., West Hamilton, Ontario L8N 3Z5 Canada. Offers a course on epidemiology for faculty members from medical schools in developing countries.
- 447 International Health Program, Seneca College, 1255 Sheppard Ave., East Willowdale, Ontario M1C 1E2 Canada. From January to April each year offers courses for registered nurses on parasitology and infectious diseases, obstetrics and child care, and emergency needs.
- 448 Johns Hopkins Program for International Education in Gynecology and Obstetrics, 624 North Broadway, Baltimore, Maryland 21205 USA. Offers physicians, administrators, and other health professionals training in fertility and family planning techniques including the management of infertility, use of the laparoscope, and the care of pregnant women. Courses are offered in English, French, Spanish, and Portuguese. Candidates accepted are provided transportation, educational materials, free tuition, and per diem expenses.
- 449 Center for Population and Family Health, Columbia University, 60 Haven Avenue, New York, New York 10032 USA. Offers a month long program design and

management course in primary health care. Special focus is given to epidemiological, demographic, and management skills required in community oriented programs. Tuition is \$1400.

#### OTHER RESOURCE MATERIALS

- 450 "Inventory of Health Manpower Educational Institutions" in *A Guide to The Development of Health Resource Inventories*. U.S. Department of Health, Education and Welfare, Health Planning Information Series No. 10, 1978. Order from National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161 USA. Order No. HRP0201-001. This publication lists the names and titles of all the United States directories of medical and health professional training institutions noting addresses and prices.
- 451 *Medical Education in the U.S.: A Guide to Information Sources*. F. Cordasco and D. Alloway. Gale Research Co., Book Tower, Detroit, Michigan 48226 USA. 1980. \$28. This is a guide designed for those interested in medical education in the United States.
- 452 *Health Training: A Directory of Commonwealth Resources*. Commonwealth Secretariat Publications, Marlborough House, Pall Mall, London SW1 United Kingdom. 1979. The directory, based on information supplied by governments of the Commonwealth and training institutions, covers all aspects of the training of personnel for the health services, ranging from basic training for auxiliary health workers to specialized postgraduate courses for doctors. Over 700 institutions and programs offering training courses are included. Information is given on the courses offered, residential accommodations, dates of terms, language of instruction, and places available to students from other countries.

*Periodic and reliable distribution of supplies and equipment is a prerequisite for primary health care. Technicians are shown using laboratory equipment in Cali, Colombia. Photo by Agency for International Development*



# procurement of supplies and pharmaceuticals

## Private Donors of Pharmaceuticals and Medical Equipment

- 454 The Catholic Medical Mission Board** supplies drugs (especially for the treatment of leprosy, tuberculosis, malaria, and intestinal parasites) and equipment (small-scale medical and surgical instruments) at no cost to the recipient. It also places doctors and nurses on long- and short-term projects. For information write to: 10 West 17th Street, New York, New York 10011 USA.
- 455 Catholic Relief Services** supplies medicine, equipment and volunteers for hospitals and health and nutrition programs. Contact CRS country representatives, or write to: 1011 First Avenue, New York, New York 10022 USA.
- 456 The Christian Dental and Medical Health Equipment Providers** is a non-sectarian group that specializes in dental equipment. The recipient pays freight charges but these charges can be waived in some cases. Address: 49 Sheridan Street, Glens Falls, New York 12801 USA.
- 457 The Direct Relief Foundation** supplies medicine, equipment, and volunteer medical and paramedical personnel. The organization also helps set up organic gardens at hospitals to provide nutritious food for recuperating patients. Recipients pay ocean freight and processing of supplies. For information write to: 404 East Carrillo, Santa Barbara, California 93102 USA.
- 458 Interchurch Medical Assistance, Inc.** offers both drugs and equipment through hospitals or clinics supported by their member organizations or other organizations based in the United States and approved by Interchurch. In general, the recipient pays shipping and freight from the port of entry to destination. Write to Interchurch at: 475 Riverside Drive, Room 246, New York, New York 10027 USA.
- 459 International Dispensary Association** was founded in 1972, and is concerned with the non-profit procurement of medical supplies, the improvement of local distribution, and the small-scale production of pharmaceuticals in developing countries. IDA supplies medicines and medical equipment to hospitals, health projects, and development programs sponsored by charitable organizations and governments in Third World countries. IDA is also concerned with stimulating and assisting local initiatives for the improvement of medical supply distribution. On request, pharmaceutical information and advice is also given to persons involved in medical development aid. Write to: P.O. Box 3098, 1003 AB Amsterdam, The Netherlands.
- 460 International Human Assistance Programs** supplies both medicine and equipment. In addition, it trains local volunteers for health care and rehabilitation, sanitation, agriculture, and job skills. In most cases, there is no charge. The group is active in Korea, the Philippines, Papua New Guinea, Sri Lanka, Thailand, the Solomon Islands, and has plans to expand its work in Africa. Write to: 360 Park Avenue South, New York, New York 10010 USA.
- 461 MAP International** (formerly Medical Assistance Programs) supplies medicine and equipment and charges a handling fee of 12 percent of the wholesale value of the shipment. It also provides volunteer medical students. Most of its work is done through missions. MAP's quarterly bulletin lists available supplies. Distribution of the supplies is on a first-come, first-served basis. Write to: P.O. Box 50, Wheaton, Illinois 60187 USA.
- 462 MEDICO** is a service of CARE, Inc., active in many countries around the world. An excellent voluntary organization, it provides medical and public health teams that work closely with rural health activities. CARE, Inc. is located at 660 First Avenue, New York, New York 10016 USA.
- 463 REAP International** (formerly Radiological Equipment Assistance Program) deals in equipment, and also supplies sutures, bedding, and vitamins. REAP charges about 10 percent of the market value of the refurbished equipment plus packing and shipping costs. REAP distributes a quarterly inventory list and accepts requests from any non-profit organization. Write to: 929 West 9th St., Upland, California 91768 USA.
- 464 World Concern** distributes medicine and small medical equipment and also sends doctors, mechanics, and engineers for development projects. The recipient pays postage, personnel expenses, and 30¢ per pound for medicines. For a listing of available supplies, write to: 19303 Fremont North, Seattle, Washington 98133 USA.
- 465 World Relief, Inc.** supplies medicine (but no equipment) and manpower for sanitation and other development work. There is no charge to recipients. World Relief primarily services members of the National Association of Evangelicals and channels aid to other

## Special Organizations Assisting in Procurement

groups through their members' missions. WRC is most active in the Sahel area, the Yemen Arab Republic, Zimbabwe, Upper Volta, the Caribbean, Honduras, and Southeast Asia. Address: P.O. Box WRC, Wheaton, Illinois 60187 USA.

- 466 World Vision Relief Organization, Inc.** now offers funding for purchase of locally available pharmaceuticals for preventive care. For the name and address of the organization's nearest field office, write to: 919 West Huntington Drive, Monrovia, California 91016 USA.
- 467 ECHO, The Joint Mission Hospital Equipment Board Limited.** 4 West St., Ewell, Surrey KT17 1UL United Kingdom.  
ECHO is a registered charity and non-profit company providing a complete supply service on a full range of medical equipment and generic pharmaceutical items based on the World Health Organization's essential drug list. ECHO can also supply bulk chemical requirements as specified. A bulk vaccines supply service is being considered, but ECHO can offer ad hoc supplies of vaccines on request. Non-medical items are also available. All items are provided at minimal cost due to efficient in bulk purchasing in the U.K. and European markets. A complete shipping service including all agency documentation, transport to docks/airport, insurance, etc. is also available to authorized clients at cost. Only registered or recognized charitable agencies or recipients are eligible to use the ECHO services.
- 468 The Afro-American Purchasing Center, Inc.** 1 World Trade Center, New York, New York 10048 USA.  
This is a private non-profit corporation which acts as a purchasing agency for a number of foreign governments and quasi-public institutions and trains foreign nationals in modern procurement techniques that enable them to buy effectively in international markets. All purchasing is done on a bid basis. For purchases below \$5,000 the Center solicits informal bids from suppliers. Purchases over \$5,000 are advertised in the small business bulletin published by the Agency for International Development. The Center provides brochures in both French and English.
- 469 Lifeline Relief and Development Services International Ltd.** Unit F, Southampton Airport, Wide Lane, Southampton, P.O. Box 59638, Nairobi, Kenya.  
Lifeline is a self-supporting "guarantee, not-for-profit" company. It provides a service to organizations working in relief and development in the Third World. Lifeline Worldwide has experience in the logistics of materials procurement and can advise on all needs, "from safety pins to caterpillar tractors." Has dealt with goods as diverse as medicines and medical equipment, small hydroelectric machinery, trucks and four-wheel drive vehicles, and agricultural machinery.

### Additional Reading

**Managing Drug Supply: The Selection, Procurement, Distribution, and Use of Pharmaceuticals in Primary Health Care,** J. Quick *et al.* See entry 133.

# international and private donor resources

## A. Development Cooperation Agencies

### INTERNATIONAL DONOR AND UNITED NATIONS RESOURCES

- 470 Economic and Social Commission for Asia and the Pacific**  
Headquarters: ESCAP, United Nations Building, Rajdamnern Ave., Bangkok, Thailand. Cable: ESCAP Bangkok.
- 471 Economic Commission for Africa**  
Headquarters: ECA, P.O. Box 3001, Addis Ababa, Ethiopia. Cable: ECA ADDIS ABABA  
Regional and other offices:  
ECA Subregional Office, B.P. 316, Tangiers, Morocco. Cable: ECA TANGIERS  
ECA Subregional Office, B.P. 744, Niamey, Niger. Cable: ECA NIAMEY  
ECA Subregional Office, P.O. Box 647, Lusaka, Zambia. Cable: ECA YAOUNDE
- 472 Economic Commission for Latin America**  
Headquarters: ECLA, Casilla 179D, Santiago, Chile. Cable: UNATIONS SANTIAGO  
Regional and other offices:  
ECLA Mexico Office, Ap. Postal 6-718, Mexico 5, D.F., Mexico. Cable: CEPAL MEXICO  
ECLA Office for the Caribbean, P.O. Box 1113, Port-of-Spain, Trinidad and Tobago. Cable: ECLA PORT-OF-SPAIN  
ECLA Washington Office, 1801 K St. N.W., Washington, D.C. 20006 USA. Cable: ECLAWASH WASHINGTON DC  
ECLA Montevideo Office, Calle Soriano 791, 5° Piso, Montevideo, Uruguay. Cable: CEPAL MONTEVIDEO  
ECLA Bogota Office, Ap. Aereo 17603, Bogota, Colombia. Cable: CEPAL BOGOTA  
ECLA Buenos Aires Office, Callao 67, 3° y 4° Piso, Buenos Aires, Argentina. Cable: UNATIONS BAIRE
- 473 Economic Commission for Western Asia**  
Headquarters: ECWA, United Nations Building, P.O. Box 4656, Beirut, Lebanon. Cable: UNATIONS ECWA BEIRUT
- 474 Food and Agriculture Organization of the United Nations**  
Headquarters: FAO, Via delle Terme di Caracalla, 00100 Rome, Italy. Cable: FOODAGRI ROME  
Regional and liaison offices:  
FAO Regional Office for Africa, P.O. Box 1628, Accra, Ghana. Cable: FOODAGRI ACCRA  
FAO Regional Office for Asia and the Far East, Malivan Mansion, Phra Atit Road, Bangkok, Thailand. Cable: FOODAGRI BANGKOK  
FAO Regional Office for the Near East, P.O. Box 2223, Cairo, Egypt. Cable: FOODAGRI CAIRO  
FAO Regional Office for Europe, Via delle Terme di Caracalla 00100 Rome, Italy. Cable: FOODAGRI ROME  
FAO Regional Office for Latin America, Casilla 10095, Santiago, Chile. Cable: FOODAGRI SANTIAGO
- 475 United Nations Children's Fund**  
Headquarters: UNICEF, 866 United Nations Plaza, New York, New York 10017 USA. Cable: UNICEF NEW YORK  
Regional and other offices (National offices in many countries are not listed):  
UNICEF Regional Office for East Africa, P.O. Box 44145, Nairobi, Kenya. Cable: CHILDFUND NAIROBI  
UNICEF Regional Office for West Africa, B.P. 443, Abidjan, Ivory Coast, Cable: UNICEF ABIDJAN  
UNICEF Office for Nigeria and Ghana, P.O. Box 1282, Lagos, Nigeria, Cable: UNICEF LAGOS  
UNICEF Regional Office for the Americas, Casilla 13970, Santiago, Chile. Cable: UNICEF SANTIAGO  
UNICEF Regional Office for East Asia and Pakistan, P.O. Box 2-154, Bangkok, Thailand. Cable: UNICEF BANGKOK  
UNICEF Regional Office for South Central Asia, 11 Jor Bagh, New Delhi 110003 India. Cable: UNICEF NEWDELHI  
UNICEF Regional Office for the Eastern Mediterranean, P.O. Box 5902, Beirut, Lebanon. Cable: UNICEF BEIRUT (LEBANON)  
UNICEF Regional Office for Europe, Palais des Nations, 1211 Geneva 10 Switzerland. Cable: UNICEF GENEVA
- 476 United Nations Development Programme**  
Headquarters: UNDP, One United Nations Plaza, New York, New York 10017 USA. Cable: UNDEVPRO NEW YORK  
Regional and other offices:  
UNDP European Office, Palais des Nations, 1211 Geneva 10 Switzerland. Cable: UNDEVPRO GENEVA  
Offices in most countries in the developing world.
- 477 United Nations Disaster Relief Coordinator**  
Headquarters: UNDRO, Palais des Nations, 1211

- Geneva 10 Switzerland. Cable: UNDR0 GENEVA  
Regional and other offices:  
UNDR0 Liaison Office with the United Nations, New York, New York 10017 USA. Cable: UNATIONS NEW YORK
- 478 United Nations Educational, Scientific and Cultural Organization**  
Headquarters: UNESCO, 7 Place de Fontenoy, 75700 Paris, France. Cable: UNESCO PARIS
- 479 United Nations Environment Programme**  
Headquarters: UNEP, P.O. Box 30552, Nairobi, Kenya. Cable: UNITERRA NAIROBI
- 480 United Nations High Commissioner for Refugees**  
Headquarters: UNHCR, Centre William Rappard, 154 rue de Lausanne, 1202 Geneva, Switzerland. Cable: HICOMREF GENEVA
- 481 World Bank**  
Headquarters: The World Bank, 1818 H Street NW, Washington, D.C. 20433 USA. Cable: INTBAFRAD WASHINGTON  
The World Bank has an Office of Health, Nutrition, and Population.  
Regional and other offices:  
World Bank European Office, 66 Avenue d'Iena, 75116 Paris, France. Cable: INTBAFRAD PARIS  
World Bank Regional Mission in Eastern Africa, P.O. Box 30577, Nairobi, Kenya. Cable: INTBAFRAD NAIROBI  
World Bank Regional Mission in Western Africa, 64 Avenue Lamblin, B.P. 1850, Abidjan, Ivory Coast. Cable: INTBAFRAD ABIDJAN  
World Bank Mission in Thailand, 956 Rama IV Road, Bangkok 5 Thailand. Cable: INTBAFRAD BANGKOK  
World Bank Liaison Office with the United Nations, New York, New York 10017 USA. Cable: INTBAFRAD NEWYORK
- 482 World Food Programme (UN/FAO)**  
Headquarters: WFP, Via delle Terme di Caracalla, 00100 Rome, Italy. Cable: WORLD FOOD ROME.
- 483 World Health Organization**  
Headquarters: WHO, 1211 Geneva 27 Switzerland. Cable: UNISANTE GENEVA  
Regional and other offices:  
WHO Regional Office for Africa, P.O. Box 6, Brazzaville, Congo. Cable: UNISANTE BRAZZAVILLE
- WHO Regional Office for the Americas/Pan American Sanitary Bureau, 525 23rd Street N.W., Washington, D.C. 20037 USA. Cable: OFSANPAN WASHINGTON
- WHO Regional Office for the Eastern Mediterranean, P.O. Box 1517, Alexandria, Egypt. Cable: UNISANTE ALEXANDRIA
- WHO Regional Office for Europe, 8 Scherfigsvej, 2100 Copenhagen 0 Denmark. Cable: UNISANTE COPENHAGEN
- WHO Regional Office for South-East Asia, World Health House, Indraprastha Estate, Ring Road, New Delhi 110002 India. Cable: WHO NEWDELHI
- WHO Regional Office for the Western Pacific, P.O. Box 2932, 12115 Manila, Philippines. Cable: UNISANTE MANILA
- WHO International Agency for Research on Cancer, 150 Cours Albert Thomas, 69372 Lyon 2 France. Cable: UNICANCER LYON
- OTHER MAJOR MINISTRIES AND AGENCIES SUPPORTING INTERNATIONAL HEALTH PROGRAMS**
- 484 Canadian International Development Agency**  
200 Promenade du Portage  
Hull, K1A 0G4, P.Q. Canada
- 485 Commonwealth Secretariat**  
Marlborough House  
SW1Y 5HX, United Kingdom
- 486 European Development Fund**  
Commission of the European Communities  
Directorate General VIII (Development)  
57 rue de la loi  
B-1049, Brussels, Belgium
- 487 German Federal Ministry of Economic Cooperation**  
Karl Marx—Strasse 4-6  
5300 Bonn 1, Federal Republic of Germany
- 488 International Development Research Centre (IDRC)**  
Box 8500  
60 Queen Street  
Ottawa, Ontario, K1G 3H9 Canada  
Cable: RECENTRE  
Telex: 053-3753

## B. Foundations and Proposal Writing

### FOUNDATION DIRECTORIES

- 489** Japan International Cooperation  
2-1, Nishi-Shinjuku  
Sinjuku-Ku  
Tokyo, Japan
- 490** Ministere de la Cooperation  
20, rue Monsieur  
75007 Paris, France
- 491** Ministry for Development  
Plein 23  
The Hague, Netherlands
- 492** Netherlands Ministry of Foreign Affairs  
Plein 23  
The Hague, Netherlands
- 493** New Zealand Ministry of Foreign Affairs  
Private Bag  
Wellington, New Zealand
- 494** Norwegian Agency for International Development  
(NORAD)  
Box 8142, Oslo-Dep.  
Oslo, Norway
- 495** Swedish International Development Authority (SIDA)  
Birger Jarlsgatan 61  
105 25 Stockholm, Sweden  
Cable: SIDA STOCKHOLM  
Telex: 11450 SIDA STOCKHOLM
- 496** United Kingdom Ministry of Overseas Development  
(ODM)  
Eland House  
Stag Place  
London SW1E 5DH United Kingdom  
Cable: MINISTRANT
- 497** United States Agency for International Development  
(AID)  
Director, Office of Health  
Department of State  
Washington, D.C. 20523 USA
- 498** United States Centers for Disease Control (CDC)  
Department of Health and Human Services  
1600 Clifton Road  
Atlanta, Georgia 33033 USA
- 500** *Annual Register of Grant Support*. 13th edition. Marquis Academic Media, Marquis Who's Who, Inc., 200 East Ohio St., Chicago, Illinois 60611 USA. 1979. \$57.50.
- 501** *A Canadian Directory to Foundations and Other Granting Agencies*, A. Arlett (ed.). 1973. Available from Association of Universities and Colleges of Canada, 151 Slater St., Ottawa, Ontario K1P 5N1 Canada. This directory lists foundations in Canada, the United States, and Great Britain.
- 502** *Directory of Canadian Non-Governmental Organizations Engaged in International Development*. Canadian Council for International Cooperation, 321 Chapel, Ottawa K1N 722 Canada. 1978. \$10.00. 145 pp. English and French.  
137 non-governmental organizations are listed in this directory together with their source of funds and their international activities.
- 503** *European Funding Resources for Women in Development Projects*, M. Richards. New TransCentury Foundation, 1789 Columbia Rd., N.W., Washington, D.C. 20009 USA. 1980. Free. 120 pp.  
This document describes 31 European-based government agencies, international organizations, nongovernmental organizations, and private foundations which make grants or loans for development projects.
- 504** *The Foundation Directory*. 6th edition, Foundation Center, New York. 1977. \$36.00. 661 pp. Order from Columbia University Press, 562 West 113th St., New York, New York 10025.  
Standard reference for information about nongovernment, grant-making foundations in the United States. Arranged by subject and source.
- 505** *The Grants Register*, 7th edition, C. Lerner (ed.). St. Martin's Press, 175 Fifth Ave., New York, New York 10010 USA. 1980. \$30.00. Biennial.  
Lists nearly 2,200 organizations, indicating types of grants given and average amount of each grant.
- 506** *International Foundation Directory*, 2nd edition, H. Hodson (ed.). Europa Publications, Gale Research Co., Book Tower, Detroit, Michigan 48226 USA. 1979. \$55.00. 378 pp.

507 *International Philanthropy: A Compilation of Grants by U.S. Foundations*. The Foundation Center, 888 Seventh Ave., New York, New York 10019 USA. 1980. \$35.00. 250 pp.

508 *Medicine and Public Health. A Listing of U.S. Non-Profit Organizations in Medical and Public Health Assistance Abroad*. American Council of Voluntary Agencies for Foreign Service, Inc., Technical Assistance Information Clearinghouse, 200 Park Ave. S., New York, N.Y. 10003 USA. 1979. Free. 168 pp.

Lists 300 U.S. non-profit organizations engaged in medical and public health programs in other countries. Contains country and program category indexes. Highly recommended.

509 *Trusts and Foundations in Europe: A Comparative Survey*, K. Newhoff and Uwe Pavel (eds.). 1971. Available from Bedford Square Press, National Council of Social Services, London, United Kingdom.

510 *United States Funding Resources for Women in Development*, M. Richards. New TransCentury Foundation, 1789 Columbia Rd., N.W., Washington, D.C. 20009 USA. 1979. Free. 96 pp.

This catalogue lists the organizations, their special focus, and grant-making policies. It also offers other valuable information and tips on finding financing for development projects. Available in English, but Spanish and Arabic editions are in preparation, and a French edition is planned.

511 *U.S. Non-Profit Organizations in Development Assistance Abroad. TAICH Directory 1978*. American Council of Voluntary Agencies for Foreign Service, Inc., 200 Park Ave., New York, New York 10003 USA. 1978. Free. 525 pp. A 1980 supplement has also been issued.

## HOW TO WRITE A REQUEST OR PROPOSAL TO A FUNDING AGENCY

512 *Developing Skills in Proposal Writing*, 2nd edition. M. Hall. Continuing Education Publications, 1533 S.W. Park, P.O. Box 1491, Portland, Oregon 97207 USA. \$10.00.

513 *Grants: How to Find Out About Them and What To Do Next*, V. White. Plenum, 227 West 17th St., New York, New York 10011 USA. 1975. \$19.50.

Describes government and foundation grants, as well as how to prepare applications and write proposals.

514 *The Grants Planner: A Systems Approach to Grantsmanship 1978*, D. Conrad. Public Management Institute, 333 Hayes St., San Francisco, California 94102 USA. \$40.00.

515 *How To Write Successful Foundation Presentations*, J. Dermer. Public Services Materials Center, 355 Lexington Ave., New York, New York 10017 USA. 1974. \$8.95.

## SOURCES OF INFORMATION

516 *Foundation News* is a bimonthly journal of philanthropy published by the Council on Foundations, 888 Seventh Ave., New York, New York 10010 USA. Each issue has two articles of interest for health managers overseas.

517 *The Foundation Center* sells excellent reference books about United States foundations. Write to: The Foundation Center, 888 Seventh Ave., New York, New York 10019 USA.

518 *Grantsmanship Center News* is published by the Grantsmanship Center, 1015 W. Olympic Boulevard, Los Angeles, California 90015 USA.

519 *Taft Corporation* publishes and sells reference books about United States foundations and corporations and publishes a newsletter. For more information write to: Taft Corporation, 1000 Vermont Ave., N.W., Washington, D.C. 20005 USA.

## I. HEALTH CARE IN DEVELOPING COUNTRIES: AN OVERVIEW

- 520 Aga Khan Foundation and World Health Organization. *The Role of Hospitals in Primary Health Care. Report of a conference sponsored by the Aga Khan Foundation and the World Health Organization. 22-26 November 1981, Karachi, Pakistan.* 1982. 66 pp. Available from the Aga Khan Foundation, P.O. Box 1211, Geneva 6, Switzerland.

Despite its emphasis on the community level, primary health care personnel cannot ignore the crucial role of hospitals in an integrated and complete primary health care program. This conference report explores the many ways in which hospitals can encourage and support primary health care efforts. The papers analyze how health systems can be restructured to create a firm bridge between isolated community health workers and sophisticated hospital facilities.

- 521 Grant, J., United Nations Children's Fund. *State of the World's Children 1984.* Oxford University Press, Walton Street, Oxford OX2, UK. 1983. 126 pp. Available from Oxford University Press offices worldwide. \$6.95 paperback, \$19.95 hardcover. ISBN 0-198284-89-6.

This valuable book documents the strides being made toward reducing child deaths in developing countries. Divided into three sections, the book first analyzes major techniques being used to advance what is described as a "child survival revolution." This analysis is supported by 26 case studies. The second section consists of essays on oral rehydration therapy, growth monitoring, expanded immunization, breastfeeding, family spacing, and food supplementation. The third section is devoted to worldwide economic and social statistics with particular emphasis on indicators of children's well-being.

- 522 Mandl, P.E., ed. *ASSIGNMENT CHILDREN: A child survival and development revolution*, Vol. 61/62. 1983. 303 pp. English, French. Assignment Children, UNICEF, Villa Le Bocage, Palais des Nations, 1211 Geneva 10, Suisse. Third World/Students—\$1.80/FF 6; Europe—FF 8.50; USA, Canada, Australia, New Zealand, US—\$2.50.

Marshaling contributions from several experts in primary health care, this issue addresses oral rehydration therapy in managing diarrhea; recent progress in immunization; growth charts; low birth weight; maternal nutrition; and birth spacing. Also included are case studies from Costa Rica, Brazil, Bangladesh, Angola, and India.

- 523 Morley, D., J.E. Rohde, and G. Williams, eds. *Practising Health for All.* 1983. 333 pp. Oxford University Press, 1600 Pollitt Drive, Fairlawn, NJ 07410, USA or other offices worldwide. \$8.95. ISBN 0-19-261445-2.

This important collection of case studies by 21 contributors analyzes typical problems that arise in the implementation of primary health care in the developing world. Accounts, covering both failures and successes, are organized into four sections: political commitment, community participation, the program development process, and practising health for all—lessons learned. The authors draw important lessons and conclusions from the programs studied.

- 524 Parlato, M., and M. Favin. *Progress and Problems: An Analysis of 52 AID-Assisted Projects.* 1982. 101 pp. American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA. \$5.00 (discounts for bulk orders). ISBN 0-87553-106-7.

This review of 52 AID-assisted primary health care projects provides insights into their problems, strengths,

and potential. It also seeks to identify major generic issues evolving from the primary health care experience to date. Chapters on community participation, health workers, program support, costs, and evaluation explore country experiences and lessons to be drawn from them. Numerous issues are raised about the design and implementation of primary health care projects, and 34 broad policy recommendations are advanced.

- 525 United Nations Development Programme. *UNDP Programme Advisory Note*. 1983. 20 pp. UNDP, Bureau for Programme Policy and Evaluation, Technical Advisory Division, One United Nations Plaza, New York, NY 10017, USA. Free to requestors.

This brief but informative document was prepared to orient field officers and other program staff to the practical issues and problems involved in implementing primary health care programs. The discussion, written for persons familiar with overall development issues, covers project preparation, monitoring, and appraisal. Divided into four general areas of interest, the document briefly discusses the meaning of primary health care, then proceeds to examine the necessity of and problems incurred in mobilizing community support and participation, common issues and problems experienced in implementing PHC to date, and the role of external support and technical assistance.

## II. PLANNING AND MANAGEMENT OF PRIMARY HEALTH CARE

- 526 American Council of Voluntary Agencies for Foreign Service. *Evaluation Sourcebook for Private and Voluntary Organizations*. 1983. 166 pp. 200 Park Avenue South, New York, NY 10003, USA. \$6.00 to \$8.25.

This book provides health professionals with a practical guide for designing appropriate field evaluations. It uses a number of key questions (such as: who wants evaluation, for what decisions?) to help readers develop an appropriate evaluation strategy. It discusses non-conventional information-gathering methods and analyzes 16 different information-gathering tools.

- 527 Bhaduri, A. and M. Farrell. *Health Research: A Community-Based Approach*. South-East Asia Series No. 12. 1981. 137 pp. WHO Regional Office for South-East Asia, World Health House, Indraprastha Estate, Mahatma Gandhi Road, New Delhi 110002, India. Sw. fr. 20. ISBN 92-9022-112-7.

This book is an ideal source for persons in need of an introduction to the basic principles of community-based research. Geared to health professionals with little statistical background, the material covers systematic observation and data recording, as well as analysis and interpretation of findings. Using a dis-

ussion format, the book covers technical topics in a simple and understandable way.

- 528 Delp, P. et al. *Systems Tools for Project Planning*. 1977. 224 pp. Bloomington, IN, USA: Program of Advanced Studies in Institution Building and Technical Assistance Methodology, Indiana University. ISBN 0-89249-021-7.

This book describes a large number of problem-solving tools, ranging from simple brainstorming to the critical path method and logical framework. Descriptions indicate the appropriate use, required skills, and advantages and disadvantages of each method. Bibliographies direct readers to underlying theories and technical details. The methods discussed may be used both for learning by doing and for more rationalistic blueprint planning.

- 529 Korten, D.C. and F.B. Alfonso, eds. *Bureaucracy and the Poor: Closing the Gap*. 1983. 258 pp. Kumarian Press, West Hartford, CT, USA. \$11.45.

This book examines country experiences in managing social development programs such as primary health care. It argues that such programs need new bottom-up approaches to planning and management, often different from established practice. Managers must identify opportunities to mobilize political and intersectoral support and learn to resolve problems without dependence on scarce resources. They need to "learn by doing" instead of blindly following plans devised by distant "experts."

- 530 Lee, K. and A. Mills, eds. *The Economics of Health in Developing Countries*. 1983. 245 pp. Oxford University Press, Oxford, New York, and Toronto. \$32.50.

This selection of essays covers a wide range of the important macro- and microeconomic issues faced by planners, policy-makers, economists, and other professionals in the health sector of developing countries. Discussion ranges from the relationship between economics and nutrition planning, to ways in which economic development promotes (or impairs) the health status of a given population.

- 531 Mach, E.P. and B. Abel-Smith. *Planning the Finances of the Health Sector. A Manual for Developing Countries*. 1983. 124 pp. World Health Organization, 1211 Geneva 27, Switzerland. Sw. fr. 14. ISBN 92-4-154171-7.

Aimed at planners, economists, statisticians, accountants, and researchers, this manual sets out a methodology for analyzing the financing of health services. It also suggests ways of collecting and organizing data on expenditures and sources of financing. It is hoped that the results of periodic studies undertaken with the guidance of this manual will assist policy-makers in making decisions.

- 532 Maneno, J. et al. *Guidelines for the Management of Hospital Outpatient Services*. Nairobi: Kenya Ministry of Health, 1982. Available from AMREF, P.O. Box 30125, Nairobi, Kenya  
This is an excellent short manual covering management; space and stock problems; preserving, preparing and dispensing drugs; and other information needed for effectively managing outpatient services.
- 533 Moris, J.R. *Managing Induced Rural Development*. 1981. 190 pp. International Development Institute, Indiana University, Bloomington, IN, USA. \$12.50.  
This book on management issues covers management ideology and strategies, fundamental problems of rural development, and specific project improvements. The book is especially helpful in giving the practitioner's point of view of management, which clearly draws on Moris's 20 years of experience in East Africa. Besides effectively analyzing implementation problems, the author provides the practical implications of the analysis in 27 lessons learned. An extensive bibliography (over 1,000 items) and helpful appendices on rural development periodicals and institutional addresses are included.
- 534 Stinson, W. *Information Systems in Primary Health Care*. 1983. 76 pp. American Public Health Association, 1015 15th Street, N.W., Washington, DC 20005, USA. \$5.00 (discounts for bulk orders). ISBN 0-87553-111-3.  
This paper is designed for managers desiring to evaluate and upgrade existing information systems, and for program personnel with some knowledge of management and health delivery who need further guidance in the role information systems can play. Emphasis is placed on evolutionary upgrading and redirection of existing systems rather than the introduction of entirely new ones. An annotated bibliography is a further guide to the information systems literature, and sample forms provide concrete examples of useful information-gathering tools.
- 535 World Health Organization. *Development of Indicators for Monitoring Progress towards Health for All by the Year 2000*. 1981. 91 pp. WHO, 1211 Geneva 27, Switzerland. Sw. fr. 8.  
Aimed principally at program planners and evaluators, this book describes overall national information requirements for primary health care, including indicators on health policy, social and economic status, provision of health care, and basic health status. A second major section discusses principal sources of data and alternative collection methods. Methods of data collection and analysis appropriate for selected indicators are included, supplemented by helpful definitions of many common indicators.
- 536 World Health Organization. *The Place of Epidemiology in Local Health Work: The Experience of a Group of Developing Countries*. 1982. 43 pp. Offset Publication No. 70. WHO, 1211 Geneva 27, Switzerland. Sw. fr. 8. ISBN 92-4-170070-X.  
This analysis of the use of epidemiological techniques by community health workers in 13 developing countries shows that even health workers with limited education and training can apply basic epidemiological principles at the local level to increase their own capabilities for health awareness, and to better direct their efforts toward the real problems that beset their communities. Addressed to instructors of community health workers and to health educators, this publication contains an abundance of specific information on simple epidemiological tools and experiences in applying them.

### III. MANPOWER TRAINING AND UTILIZATION

- 537 Abbatt, F.R. *Teaching for Better Learning. A Guide for Teachers of Primary Health Care Staff*. 1980. 137 pp. Originally published by WHO; now available from AMREF, P.O. Box 30125, Nairobi, Kenya. K SHs. 40 plus postage, add 35 percent for surface or 140 percent for air.  
This book presents methods and materials for instructors of health auxiliaries. Clearly written and presented, it helps the reader to decide exactly what students should learn to choose and use suitable teaching methods, to test whether students can do the work for which they are being trained, and to prepare teaching materials and manuals. Discussion is enhanced by helpful charts and drawings. WHO's Eastern Mediterranean office has produced an Arabic translation.
- 538 Ofosu-Amaah, V. *National Experience in the Use of Community Health Workers: A Review of Current Issues and Problems*. 1983. 49 pp. Offset Pub. No. 71. World Health Organization, 1211 Geneva 27, Switzerland. Sw. fr. 8. ISBN 9-24170-071-8.  
This monograph examines the use of community health workers (CHWs) in various developing countries. It identifies the major problems encountered and indicates how CHWs can be made more effective in the future. It examines issues ranging from selection to attrition.

539 The Medex Group, University of Hawaii. *MEDEX Primary Health Care Series*. Includes Management Systems Development Materials, and Mid-Level and Community Health Worker Training Materials. Manpower Development Staff, John A. Burns School of Medicine, University of Hawaii, 1833 Kalakaua Avenue, Suite 700, Honolulu, HI 96815. \$145.00 for set of 35 manuals, but some exceptions are made.

This series of prototype health training materials is based on the experiences of the Health Manpower Development staff of the University of Hawaii in collaborating with the governments of such countries as Micronesia, Thailand, Guyana, Pakistan, and Lesotho to foster primary health care. The materials were developed during eight years of field activities. The series focuses on the training of mid-level health workers and community health workers, and on strengthening the management systems needed to support the effective delivery of primary health care services at the local level.

540 National Council for International Health. *The Training and Support of Primary Health Care Workers. Proceedings 1981 International Health Conference*. September 1981. 319 pp. NCIH, 2100 Pennsylvania Avenue, NW, Suite 740, Washington, DC 20037, USA. \$9.00 for nonmembers or \$7.00 for members.

This book presents talks given by over 60 speakers at the 1981 Conference of the National Council for International Health. For those interested in a broad view of the varying policies and practices of training and support of community health workers, this book provides great insight. The speakers come from many different sectors, including medicine, public health, management, communication, architecture, and economics.

541 Programme for Control of Diarrhoeal Diseases, World Health Organization. *Supervisory Skills. A Training Course for Area Health Supervisors*. 1983. 8 volumes. WHO, CDD, 1211 Geneva 27, Switzerland.



Village health workers in Torodi, Niger, attend a course in primary health care taught by a qualified male nurse. WHO Photo by R. da Silva

These volumes contain detailed plans and content of a course to train health supervisors in supervisory skills for community involvement, setting targets, treatment of diarrhea, training, and monitoring performance. The material is organized into a set of instructional booklets, called modules, that contain the basic information to be learned. Skills are developed by asking each participant to apply new knowledge, at his own pace, to exercises provided in the modules and to situations presented in group discussions.

- 542 Werner, D. and B. Bower. *Helping Health Workers Learn. A Book of Methods, Aids, and Ideas for Instructors at the Village Level*. 1982. 632 pp. The Hesperian Foundation, P.O. Box 1692, Palo Alto, CA 94302, USA. \$4.00 to \$6.50, depending on the number of copies and type of purchaser.

This invaluable resource and guide for nontraditional trainers is highly recommended even for those who must work within formal institutions. The book's target audience is the trainers of community health workers as well as, to a lesser extent, the workers themselves, but planners and funders should scan the contents to inform themselves of the environment required for participatory training. The book contains sections on planning; learning through seeing, doing, and thinking; ways of using *Where There Is No Doctor* (104); activities with mothers and children; and political-social problems. Project examples are frequently cited, and all sections are effectively illustrated. Simple English is used; a Spanish translation is currently being prepared and other translations will undoubtedly be made.

- 543 World Federation of Public Health Associations. *Training Community Health Workers*. 1983. 104 pp. WFPHA, c/o American Public Health Association, 1015 15th Street, NW, Washington, DC 20005. USA. \$9.00 (discounts for bulk orders). ISBN 0-87553-115-6.

Based on an extensive analysis of field experiences, this issue paper focuses on many constraints that inhibit training programs from following training ideals. The authors argue that good preservice training can be very important for the effectiveness of community health workers, but it must be preceded by careful community preparation and followed up by adequate support and continuing education. Helpful appendices describe ways of arranging field and clinical practice, characteristics of community health worker training in 34 programs, resource institutions and organizations, and selected books. The text is supplemented by 18 charts.

#### IV. COMMUNITY PARTICIPATION AND HEALTH EDUCATION

- 544 Mandl, P.E., ed. *ASSIGNMENT CHILDREN: Community Participation: Current Issues and Lessons Learned*. Vol. 59/60. 1982. 232 pp. English, French.

The entire issue of this journal is devoted to various aspects of community participation. Part I deals with current issues relating to popular participation and development projects. Part II explores the lessons learned through project experience.

- 545 McNeil, R.J. and M.E. Anderson. *Health Education in Tropical Schools*. London: Collins, 1981. 64 pp.

This textbook, written in simple English, is intended for use in primary schools in tropical countries.

- 546 Pacey, A. *Gardening for Better Nutrition*. 1978. 64 pp. Intermediate Technology Publications, 9 King Street, London WC2E 8HN, UK. £ 1.95, or \$4.50 + postage from ISBS, P.O. Box 555, Forest Grove, OR 97116, USA. ISBN 0-903031-50-7.

Through case studies from the files of OXFAM, this book discusses the successes and failures of various kitchen-garden programs. These programs were primarily aimed at women and those who grow vegetables for their families' consumption. This book is intended for use by extension educators or program directors involved in promoting kitchen gardening as a community program.

- 547 Sweeney, W.O. and M.B. Parlato. *Using Radio for Primary Health Care*. 1982. 55 pp. American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA. \$5.00 (discounts for bulk orders). ISBN 0-87553-109-1.

This report examines what is known about the uses of radio in development projects and acquaints those responsible for national and regional programs with what can be expected to be accomplished through the radio media. The first chapter explores project experiences and potential uses of radio; the second chapter is a guide to developing radio programs.

- 548 White, A. *Community Participation in Water and Sanitation: Concepts, Strategies, and Methods*. 1981. 180 pp. Technical Paper Series No. 17. The Hague: WHO International Reference Centre for Community Water Supply and Sanitation. P.O. Box 5500, 2280 HM Riswijk, The Netherlands.

This report examines the socio-cultural and political factors that must be considered when community participation methods are used in planning and implementing community water and sanitation programs. It discusses various forms that participation may take, when these different forms should be encouraged, and difficulties that may be encountered. An appendix provides operational suggestions for community participation.

- 549 Martin, P. et al. *Community Participation in Primary Health Care*. 1983. 71 pp. American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA. \$5.00 (discounts for bulk orders). ISBN 0-87553-110-5.

This report highlights issues, strategies, successes, and failures in the drive to involve communities in the primary health care movement. It addresses both the range of ways community members can participate and the variety of structures through which they can organize to do so. Valuable appendices provide project descriptions and methods for monitoring and evaluating community participation.

- 550 Walt, G. and P. Constantinides. *Community Health Education in Commonwealth Countries*. 1983. Commonwealth Secretariat, Marlborough House, Pall Mall, London SW1/5HX UK.

This is an excellent survey of work in the area of health education in developing countries. It contains useful background materials on diverse areas, including school health activities.

- 553 World Federation of Public Health Associations. *Maternal Nutrition* (Resource Guide). 1983. 20 pp. WFPHA, c/o American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA. \$5.00 (discounts for bulk orders). ISBN 0-87553-114-8.

This resource guide annotates selected books and articles on maternal nutrition in developing countries. Major sections cover maternal nutrition problems, monitoring maternal nutrition status, and interventions to improve maternal nutrition.

- 554 World Federation of Public Health Associations. *Program Activities for Improving Weaning Practices*. 1984. 60 pp. WFPHA, c/o American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA. \$9.00 (discounts for bulk orders). ISBN 0-87553-124-5.

This paper argues that instead of undertaking independent weaning projects, existing programs—in health nutrition, agriculture, education, sanitation, and income generation—can all be used to improve weaning practices. It is felt that this integration of activities is more cost-effective and that it is the most practical way to reach children and their families. Tables, project summaries, annotations of selected books, and information on resource institutions add to the book's value.

## V. DELIVERY OF HEALTH SERVICES

### A. Nutrition

- 551 Hofvander, Y. ed. *Maternal and Young Child Nutrition*. 1983. 120 pp. UNESCO, Division of Science, Technical, and Vocational Education, 7 Place de Fontenoy, 75700 Paris, France.

As with other volumes in UNESCO's Nutrition Education Series, this book is a collection of journal articles, book chapters, and other documents on a particular aspect of nutrition education. It emphasizes breastfeeding and weaning of infants but also covers additional aspects of maternal and infant nutrition.

- 552 UNICEF. *The UNICEF Home Gardens Handbook: For People Promoting Mixed Gardens in the Humid Tropics*. 1982. 55 pp. UNICEF, Room A1031, 866 United Nations Plaza, New York, NY 10017, USA. \$2.00 (discounts for bulk orders).

This handbook aims to introduce the reader to the traditional system of family food production that has proven itself over the centuries, and to provide guidelines to assist program staff in devising and implementing an appropriate home garden program. Specific directions are given for planning a garden, selecting plants to include, and for storing, harvesting, and preserving crops.

### B. Maternal and Child Health

- 555 Helsing, E. and F.S. King. *Breast-feeding in Practice. A manual for health workers*. 1982. 271 pp. Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

This manual was written to enable health workers, nurses, auxiliaries, and non-specialist doctors in both developing and industrialized countries to give confident and well-informed advice to mothers on all aspects of breast-feeding including: how breast-feeding works; preparations to make before the birth; the problems mothers may encounter and what to do about them; the effect of diet and of drugs taken by the mother; which illnesses affect breast-feeding; mechanical aids; relactation; weaning; and popular myths about breast-feeding, both harmful and harmless.

- 556 Philpott, R.H., ed. *Maternity Services in the Developing World—What the Community Needs. Proceedings of the Seventh Study Group of the Royal College of Obstetricians and Gynaecologists September 1979*. 1979. 394 pp. Royal College of Obstetricians and Gynaecologists, London.

This extremely valuable book provides the papers and discussions that took place at a meeting of many of the foremost experts on maternal health in developing countries. The information in this book is comprehensive and full of insights and interesting experiences. Major topics covered include maternal and perinatal epidemiology, reducing maternal and perinatal mortality, provision of maternity services, the newborn, family planning, midwifery care, and national policies.

- 557 World Federation of Public Health Associations. *Improving Maternal Health in Developing Countries*. 1984. WFPHA, c/o American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA. \$9.00 (discounts for bulk orders). ISBN 0-87553-126-1.

This paper analyzes maternal health problems and their broad and specific solutions. It argues that there are no easy solutions: Although simple, low-cost health interventions are available, real improvement in maternal health requires significant improvements in women's status, women's education and income, and the health system's overall capabilities. Appendices include project summaries, book annotations, and information on selected program tools such as mothers' cards.

- 558 World Health Organization. *Health and the Status of Women*. 1980. 28 pp. FHE/80.1. Family Health Division, WHO, 1211 Geneva 27, Switzerland.

This publication presents an excellent overview of women's health in the context of their roles and status in society. The paper attempts to show how social customs and attitudes affect women's nutritional and health status and their access to health care; how their economic and educational levels affect their own health and that of their children; how changing family patterns and women's roles affect health; and how women's health affects their status and participation in development. Women's health problems—related to nutrition, fertility, and infections—are described, and both health and broader interventions are suggested.

### C. Family Planning

- 559 Barcelona, D.R., P.F. Bautista, and D.J. Bogue. *Contraception: A Guide to Birth Planning Methods*. 1981. 147 pp. Chicago: The Community and Family Study Center, The University of Chicago. \$6.00.

This monograph, produced under a grant from the U.S. Agency for International Development, presents knowledge about family planning methods in a simple format, free from technical language. It is written primarily for a lay audience and can be used by family planning workers as a teaching tool. The book is illustrated with line drawings and the text appears in large print with double columns.

- 560 Centers for Disease Control (CDC). *Family Planning Methods and Practice: Africa*. 1983. 329 pp. CDC, Center for Promotion and Education, Division of Reproductive Health, Atlanta, GA 30333, USA.

This book—written mainly for students of medicine, nursing, midwifery, and their instructors—discusses the cultural aspects of family planning in Africa, what health personnel need to know to provide family planning services to the public, and aspects of service organization, as well as information on specific family planning methods. Certain sections of the book should also be of interest to program managers, policy-makers, and international organizations.

- 561 Page, H.J. and R. Lesthaeghe. *Child-Spacing in Tropical Africa. Tradition and Change*. 1981. 332 pp. Studies in Population Series. London: Academic Press. \$36.00

This book documents age-old birth-spacing techniques used in Africa and their trends in recent times. Part I looks at the role of child spacing in tropical Africa and its relationship to social, economic, and cultural factors; Part II summarizes nine case studies of child spacing, predominantly from West Africa. The authors point out that traditional practices, such as breast-feeding and postpartum sexual abstinence, which developed partly out of a concern for the survival and health of the infant and mother rather than to limit births, are declining with education and urbanization.

### D. Medical and Dental Care

- 562 Bannerman, R.H., J. Burton, and C. Wen-Chieh, eds. *Traditional Medicine and Health Care Coverage. A Reader for Health Administrators and Practitioners*. 1983. 342 pp. World Health Organization, 1211 Geneva 27, Switzerland. Sw. fr. 35.

The purpose of this collection of essays is to provide a better understanding of traditional, indigenous, and unorthodox systems, in order to help foster teamwork among all categories of health workers. Part 1 of this book traces the history and explains the systems and practices of traditional medicine. Part 2 covers herbal medicines and pharmacoposias, and also focuses on endangered medicinal plant species. Part 3 gives a profile of traditional practices in the WHO regions; and Part 4 deals with the organizational and legal aspects of traditional medicine, with special reference to primary health care.

- 563 Dickson, M. *Where There Is No Dentist*. 1983. 208 pp. The Hesperian Foundation, P.O. Box 1692, Palo Alto, CA 94302, USA. \$5.00 (\$4.00 for 24 or more). ISBN 0-942364-058.

This companion volume to *Where There Is No Doctor*, a resource that has been widely used throughout the world, focuses on prevention and simple treatment techniques for tooth and gum problems. Written by a dentist, this book should be of interest to planners and trainers considering using community-level health workers to provide simple preventive and curative dental care. The book is divided into two parts that cover the teaching of preventive dental care and the diagnosing and healing of common dental problems.

- 564 Population Information Program, Johns Hopkins University. "Oral Rehydration Therapy (ORT) for Childhood Diarrhea." *Population Reports L-2* (November-December 1980). Population Information Program, Johns Hopkins University, 624 North Broadway, Baltimore, MD 21205, USA. Free.

This report provides an excellent summary of technical and programmatic issues concerning ORT up to late 1980. Topics covered include the rationale for ORT, composition of the complete formula; production; simple sugar and salt solution; measuring and mixing; early use in the home; feeding during diarrhea; purgatives, antibiotics, and other drugs; program organization; ORT and family planning; external assistance; and ORT program evaluation.

- 565 World Federation of Public Health Associations. *Oral Rehydration Therapy* (Resource Guide). 1983. 24 pp. WFPHA, c/o American Public Health Association, 1015 15th Street, NW, Washington, DC 20005, USA. \$5.00 (discounts for bulk orders). ISBN 0-87553-113-X.

Major books and articles on oral rehydration therapy are annotated in this resource guide. Additional sections describe training manuals, teaching aids, resource institutions, and journals and bibliographies that may assist readers plan and implement ORT activities.

- 566 World Health Organization, Programme for Control of Diarrhoeal Diseases. *Manual for the Planning and Evaluation of National Diarrhoeal Diseases Control Programmes*. 1981. 110 pp. WHO/CDD/SER/81.5. WHO, CDD, 1211 Geneva 27, Switzerland. Also available in French and Spanish.

This basic reference has been designed to assist health management staff in planning and evaluating national programs to control diarrheal diseases. The manual describes the current problem of diarrheal diseases, past efforts at control, and a method to measure morbidity and mortality due to diarrhea. It also shows how to develop a plan of operation through identifying the environment in which the program will function, analyzing the resources which will be needed and the objectives and activities which must be included; discusses the evaluation of the program by those who are participating in it; and details the elements of a periodic and comprehensive review of the program.



*A nurse comforts a young patient in a hospital in Santiago, Chile. PAHO. J. Vizcarra*

## E. Disease Control

- 567 Expanded Programme on Immunization. *The Cold Chain-Product Information Sheets*. 1983. 125 pp. English, French, and Spanish. SUPDIR 55 AMT 4. World Health Organization, 1211 Geneva 27, Switzerland, or UNICEF, 866 United Nations Plaza, New York, NY 10017, USA.

This book is essential for anyone involved in planning immunization programs. Information is given on capacity, features, and ordering of: eight cold rooms for bulk storage of vaccines, four refrigerated vehicles, 22 refrigerators and freezers, 27 cold boxes, carriers, and vaccine packaging; six ice packs (cold bags); 14 thermometers and other temperature monitors; and 12 accessories. In addition, there are guidelines on choosing and ordering equipment.

- 568 Halsey, N.A. and C.A. de Quadros. *Recent Advances in Immunization. A Bibliographic Review*. 1983. 102 pp. Scientific Publication No. 451. Pan American Health Organization, 525 23rd Street, NW, Washington, DC 20037, USA. \$7.00.

Written by experts in the field, the respective chapters of this compilation of evidence on various questions in immunization delivery examine the optimal age for administering measles vaccine in developing countries; operational aspects of using oral polio vaccine in developing countries; the protection offered by different schedules and doses of DPT; the use of tetanus toxoid for the prevention of neonatal tetanus; simultaneous administration of vaccines; immunization of malnourished or ill children; and adverse reactions to vaccines.

- 569 Hesperian Foundation. *Project PROJIMO. A villager-run rehabilitation program for disabled children in western Mexico*. 1983. 65 pp. The Hesperian Foundation, Box 1692, Palo Alto, CA 94302, USA. \$3.50.

This book argues that the bulk of rehabilitation, physical therapy, and orthopedic services should be organized and carried out by community health workers and other community members rather than by costly, highly-trained professionals. Extrapolating from a successful program in Mexico, the book explains—through numerous stories, examples, and illustrations from around the world—how this can be done.

- 570 World Health Organization. *Manual on Environmental Management for Mosquito Control with Special Emphasis on Malaria Vectors*. 1982. 283 pp. Offset Publication No. 66. WHO, 1211 Geneva 27, Switzerland. Sw. fr. 22.

In recent years, because of soaring costs of pesticides, serious problems of vector resistance, and scarcity of other chemical compounds, the search for alternative methods of vector control (e.g., biological, genetic, and environmental) has led to renewed interest in environmental management techniques. This publication provides the latest information on these techniques for controlling the mosquito vectors of malaria and other diseases.

- 572 Mara, D.D. *Sanitation Alternatives for Low-Income Communities—A Brief Introduction*. 1982. 48 pp. Volume 1b of the Appropriate Technology for Water Supply and Sanitation Series. The World Bank, 1818 H Street, NW, Washington, DC 20433, USA. \$3.00.

This book describes, in non-technical language, the various inexpensive sanitation technologies that are currently available for low-income communities in developing countries. It also presents a general methodology for planning low-cost sanitation programs.

- 573 National Council for International Health. *Guide to U.S. Based Organizations Involved in Water Supply and Sanitation*. 1983. 103 pp. NCIH, 2100 Pennsylvania Avenue, NW, Suite 740, Washington, DC 20037, USA. \$4.50 for members, \$6.00 for nonmembers, plus \$2.00 for postage, \$5.00 for air postage.

This directory lists 148 overseas water supply and sanitation projects supported by some 65 US private organizations. Information on each organization listed includes the geographic location of water/sanitation activities; length of involvement; training; health education activities; and brief descriptions of representative projects.

- 574 Pacey, A. *Rural Sanitation: Planning and Appraisal*. 1980. 68 pp. Intermediate Technology Publications, 9 King Street, London WC2E 8HN, UK.

This OXFAM document is written for hospital staff and community development workers in Third World countries who are planning to start sanitation or hygiene improvement programs.

- 575 Tillman, G. *Environmentally Sound Small-Scale Water Projects. Guidelines for Planning*. 1981. 141 pp. A CODEL Publication. Available from VITA, 1815 N. Lynn Street, Suite 200, Arlington, VA 22209, USA. \$5.50, 40 percent discount for 5 or more copies to private voluntary organizations.

Written for community development workers who are not technicians in the area of water resources, this book is meant to serve as a general guide for planning environmentally sound small-scale water projects. The text contains many references for readers interested in more detailed information.

- 576 Winblad, U. and W. Kilama. *Sanitation without Water*. 1980 Revised Edition. 133 pp. English, French, Spanish, and Portuguese. A shorter version called *How to Build a Compost Latrine* in Swahili, Amharic, and English is also available. Swedish International Development Agency, S-105 25, Stockholm, Sweden, Attn: Health Division. Arabic edition available from WHO, Regional Office for Eastern Mediterranean, P.O. Box 1517, Alexandria, Egypt.

This book contains practical instructions for designing, building, and operating compost and improved pit latrines—latrines that require no water. Illustrated

## F. Water and Sanitation

- 571 Golladay, F.L. *Appropriate Technology for Water Supply and Sanitation*. 1983. 66 pp. The World Bank, 1818 H Street, NW, Washington, DC 20433, USA. \$3.00.

This book examines economic, political, social, and cultural obstacles to meeting the needs of low-income people for water supply and sanitation. It proposes steps to reduce these obstacles, including the formation of community organizations to organize and manage resources.

examples of efficient non-water latrines from many countries, many references and line drawings, and the simple language in which it is written, contribute to the usefulness of this manual.

## G. Pharmaceuticals

- 577 Melrose, D. *Bitter Pills: Medicines and the Third World Poor*. OXFAM. 1982. 278 pp. Intermediate Technology Publications, 9 King Street, London, WC2E 8HN, UK. £ 4.95.

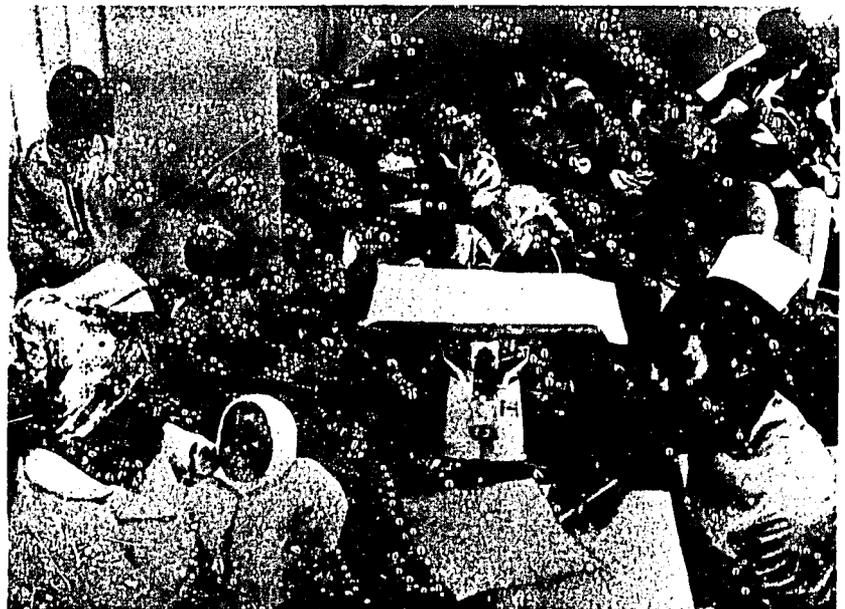
Based on an investigation by OXFAM into problems of drug waste and misuse in Asia, Africa, and Latin America, this book seeks to unravel the complexities of this issue and to urge reforms that would benefit the Third World poor. Specific suggestions for action are spelled out in the final chapter.

- 578 National Council for International Health. *Pharmaceuticals and Developing Countries: A Dialogue for Constructive Action*. 1982. 57pp. NCIH, 2100 Pennsylvania Avenue, NW, Suite 740, Washington, DC 20037, USA. \$5.50.

This publication reproduces the proceedings of a meeting on issues related to pharmaceuticals in developing countries particularly on the export of drugs from industrial to developing countries. Five talks, including one by a representative of the US Pharmaceutical Manufacturers Association, are followed by questions from the audience and responses by the panelists.

- 579 World Health Organization. *The Use of Essential Drugs*. 1983. 46 pp. WHO Technical Report Series, No. 685. Sw. fr. 4. ISBN 92-4-120685-3.

*Health education as well as curative care takes place in this African clinic.*  
WHO/18178. N.N. Mashalaba



In the past decade, the usefulness of the essential drugs concept has become widely recognized, particularly for rationalizing drug procurement in the public sector in countries whose resources are limited. This update of the WHO list of essential drugs reflects recent advances, particularly in treating bacterial and parasitic diseases. For the first time, a shorter list of 22 substances selected from the main list is suggested for use in primary health care.

## VI. AUXILIARY SERVICES

- 580 Battersby, A. *How to Look after a Health Center Store*. 1983. 73 pp. Appropriate Health Resources & Technologies Action Group Ltd., 85 Marylebone High Street, London W1M 3D3, UK.

Management of health center stores is an essential component in the effective organization and operation of supply chains for primary health care programs. The book provides basic guidelines, in large type with many pictures, for simplified approaches to such problems as proper storing of essential drugs and other basic supplies, arranging for the reordering of supplies, and making the most efficient use of the available supplies.

- 581 World Neighbors. *Maintaining Motorcycles: A Fieldworker's Manual*. 25 pp. World Neighbors Development Communications. 5116 N. Portland, Oklahoma City, OK 73112, USA. \$3.00. Spanish edition: Centro de Recursos para el Desarrollo, Apartado Postal 52, Chimaltenango, Guatemala. \$2.00.

Developed by Peace Corps volunteers in Guatemala, this guide for the non-expert motorcyclist explains simple maintenance and repairs. Diagrams are included to aid in identifying parts and problems. The original Spanish edition has been translated into English.

## A. SOURCES OF EDUCATIONAL MATERIALS

The following organizations have films, slides, pamphlets, flip-charts, and other educational materials that can be used for health worker training or community health education. Many of these organizations will send you a catalogue upon request. These and other organizations are described in Appendix C of *Training Community Health Workers* in this same Information for Action series.

- 582 African Medical and Research Foundation (AMREF)  
Wilson Airport, P.O. Box 30125, Nairobi, Kenya
- 583 AKAP  
#66 J.P. Rizal Street, Project 4, Quezon City, the Philippines. Mailing address: 2655 F.B. Harrison, Pasay City 3129, P.O. Box 1160, Manila, the Philippines
- 584 A.M.A.  
B.P. 267, Yaounde, Cameroon. (French)
- 585 Appropriate Health Resources & Technologies Action Group (AHRTAG)  
85 Marylebone High Street, London W1E 8DE, UK
- 586 Asociacion de Servicios Comunitarios de Salud—  
Association of Community Health Services (ASECSA)  
Apartado 27, Chimaltenango, Guatemala. (Spanish)
- 587 Association of Voluntary Services of Indonesia (Perdhaki)  
Jalan Kramat VI/7, Jakarta Pusat, Indonesia
- 588 Atelier de Materiel Didactique Busiqa (AMDB)  
B.P. 18, Ngozi, Burundi. (French)
- 589 British Life Assurance Trust Centre for Health and Medical Education (BLAT)  
85 Marylebone High Street, London W1M 3DE, UK
- 590 Bureau d'Etudes et de Recherches pour la Promotion de la Sante—Office of Study and Research for Health Promotion  
B.P. 1977, Kangu-Mayumbe, Republic of Zaire. (French)
- 591 Caribbean Food and Nutrition Institute (CFNI).  
Box 140, Kingston 7, Jamaica, West Indies
- 592 Center for International Education (CIE)  
University of Massachusetts, Hills South, Amherst, MA 01002, USA
- 593 Centre for Development of Instructional Technology (CENDIT)  
3 Birbal Marg, Jangpura Extension, New Delhi 110014, India
- 594 Centro Andino de Comunicaciones—Andean Communication Center  
Casilla 2774, Cochabamba, Bolivia. (Spanish)
- 595 Centro de Estudios Mesoamericano Sobre Tecnologia Apropriada—Center for Indigenous American Studies on Appropriate Technology (CEMAT)  
18 calle 22-52, zona 10, C.P. Box 1160, Guatemala City, Guatemala. (Spanish)
- 596 Christian Medical College Hospital (CMCH)  
Audio-Visual Unit, Vellore 632004, Tamil Nadu, India
- 597 ENI Communication Centre  
Box 2361, Addis Ababa, Ethiopia

- 598 The Hesperian Foundation  
Box 1692, Palo Alto, CA 94302, USA
- 599 INCUPO  
Casilla de Correo 30, Reconquista, Sante Fe, Argentina. (Spanish)
- 600 Institut Europeen de Recherches et d'Applications Medicales—European Institute for Medical Research and Applications  
Paris, France. (French)
- 601 OXFAM  
274 Banbury Road, Oxford OX2 7DZ, UK
- 602 Peace Corps  
Information Collection and Exchange (ICE), Office of Program Development, 806 Connecticut Avenue, NW, Washington, DC 20526, USA
- 603 Project Concern International  
P.O. Box 85232, San Diego, CA 92138, USA
- 604 Royal Tropical Institute  
63 Mauritskade, Amsterdam, Netherlands
- 605 Save the Children Federation (SCF)  
48 Wilton Road, Westport, CT 06880, USA
- 606 S.I.C.A.  
B.P. 936, Kinshasa, Zaire. (French)
- 607 Teaching Aids at Low Cost (TALC)  
30 Guilford Street, London WC1N 1EH, UK. Mail Order address: TALC, P.O. Box 49, St. Albans, Herts, AL1 4AX, UK
- 608 United Nations Children's Fund (UNICEF)  
Project Support Communications, 866 United Nations Plaza, New York, NY 10017, USA
- 609 Village Education Resource Center (VERC)  
Savar, Dhaka, Bangladesh
- 610 Voluntary Health Association of India (VHAI)  
C-14, Community Centre, Safdarjung Development Area, New Delhi, 110016, India
- 611 Yayasan Indonesia Sejahtera (YIS)—Indonesia Sejahtera Foundation  
Jalan Kenanga 163, Badran, Solo, Indonesia
- 612 World Health Organization (WHO)  
Global Health Learning Materials Programme (GHLMP)  
1211 Geneva 27, Switzerland
- 613 World Neighbors  
5116 North Portland, Oklahoma City, OK 73112, USA
- 614 Additional Source of Medicine and Drugs:  
Action Medeor, St. Toeninterstrasse 21, 4154-D, Toenisvorst 2, Federal Republic of Germany

## B. NEW DIRECTORIES

- 615 *Appropriate Technology for Health Directory*. ATH Programme, World Health Organization, 1211 Geneva 27, Switzerland.  
A country-by-country listing of the various institutions involved in research, testing, and adoption of technological aids related to health care.
- 616 *Health Training—A Directory of Commonwealth Resources*. Commonwealth Secretariat, Marlborough House, London SW17 5HX, UK.  
Lists the main institutions involved with health training in Commonwealth countries. Brief details on the various courses are included.
- 617 *Primary Health Care in Developing Countries: A Guide to Resources in the UK*. AHRTAG, 85 Marylebone High Street, London W1M 8DE, UK.  
Lists the main British agencies/institutions involved in primary health care work in developing countries. Has indexes of agencies, countries, and subject areas.
- 618 *WVE Resource Directory*. Health Section. World Vision Europe, 146 Queen Victoria Street, London EC4V 4BX, UK.

### C. BRIEF DESCRIPTIONS OF SELECTED WHO AND UNICEF FILMS ON PRIMARY HEALTH CARE

<i>Title</i>	<i>Subject</i>	<i>Production</i>	<i>Length</i>	<i>Languages</i>	<i>Distribution</i>
619. <i>Food for Sight</i> (1977)	Preventing xerophthalmia in India	Division of Public Information, WHO, Geneva	13 min.	English	
620. <i>Out of the Ivory Tower</i> (1977)	Community health training for medical students in India	Division of Public Information, WHO, Geneva	10 min.	English	
621. <i>The Cold Chain or How Vaccines Should Be Handled</i> (1978)	Illustration of the cold chain in Ghana	Condor-Film, Zurich and Ghana Film Industry Corporation, Accra	30 min.	English	WHO, INF/AVC, Avenue Appia, 1211 Geneva 27, Switzerland
622. <i>Too Late Tomorrow</i> (1978)	Tropical diseases in many countries	Van Genderen Filmprodukties b.v. Hilversum	30 min.	English, French, Spanish	
623. <i>Tomorrow's Epidemic</i> (1980)	Smoking in developing countries	Actua-Films, Geneva	18 min.	English, French	WHO, INF/AVC, Avenue Appia, 1211 Geneva 27, Switzerland
624. <i>Sankofa. Tradition and Development</i> (1980)	The Brong-Ahafo Rural Integrated Development Programme in Ghana	Ghana Film Industry Corporation and WHO	45 min.	English, French	WHO, Media Service, Avenue Appia, 1211 Geneva 27, Switzerland
625. <i>The Battle Continues</i> (1982)	Strategies for tuberculosis control in developing countries	Actua-Films, Geneva	26 min.	English, French	WHO, IEH/MED, Avenue Appia, 1211 Geneva 27, Switzerland
626. <i>Bernardin and His Village</i> (1982)	Village health workers and primary health care in Benin	Puhl Film Products S.A.	42 min.	English, French	WHO, IEH/MED, Avenue Appia, 1211 Geneva 27, Switzerland
627. <i>Touba Toul Rural Health Care</i>	Establishment of a maternity center by local midwives in Senegal	—	5 min.	English, French, Italian	UNICEF
628. <i>Zaire: Health Care</i>	Combining of modern and traditional medicine in Zaire	—	29 min.	English, French	UNICEF
629. <i>Path to Solution</i>	Causes and prevention of gastroenteritis	—	9 min.	English	UNICEF
630. <i>Primary Health Care in Yemen</i>	The world of a health guide in South Yemen	—	23 min.	English	UNICEF

Catalogues of WHO films are available from WHO in Geneva or WHO regional offices. UNICEF films may be borrowed or bought by applying to the nearest UNICEF office, a National Committee for UNICEF, UNICEF/New York, or UNICEF/Geneva. All films are 16 mm and in color.

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*A day care worker in India visits children at home if they miss days at the center. Here, she gives a dose of vitamin A to a young boy while his grandmother looks on. ICEF 8853. T.S. Nagarajan*

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