

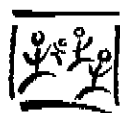
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# NUTRITION

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## WHO Collaborating Centres

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WORLD HEALTH ORGANIZATION  
Programme of Nutrition  
Family and Reproductive Health



1998

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## 1. INTRODUCTION

Collaborating centres are national institutions that have been designated by the Director-General to form part of an inter-institutional collaborative network set up by WHO and which cooperate with WHO programmes at national, regional and global levels. They play an important role in the development of WHO's programmes, in particular, its research and training component.

The functions of WHO collaborating centres in nutrition include the following:

- Promotion of WHO's policies, particularly health for all with respect to nutrition.
- collection, collation and dissemination of information on nutrition;
- Standardization of terminology and nomenclature, technology, diagnostic, therapeutic and prophylactic substances, and methods and procedures in nutrition;
- Development and application of appropriate technology for nutrition;
- Training, including research training, in nutrition;
- Participation in collaborative nutrition research developed under the Organization's supervision, including planning, execution, monitoring and evaluation of research, and promotion of the application of results;
- Coordination of activities carried out by several institutions in nutrition.

Over the last decade, WHO has designated numerous collaborating centres in nutrition, which are part of a large network covering 5 of the Organization's 6 geographical regions (see map). Given their functions, collaborating centres are primarily regional in character, although a few enjoy collaborating status with the global Programme of Nutrition for particular components of their joint programme of work. This mainly concerns activities implemented outside the region in which a centre is located.

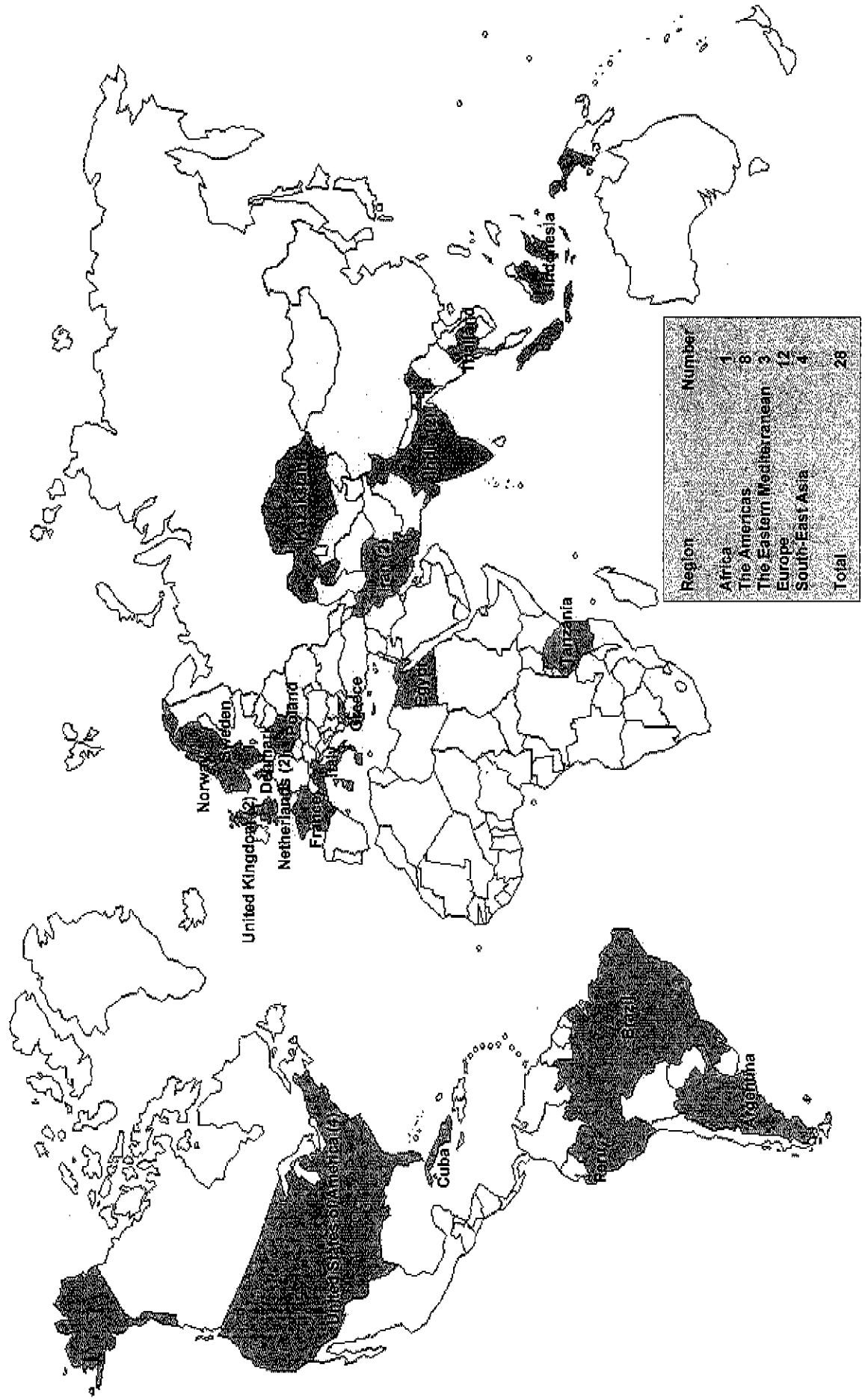
Table 1 summarizes the main technical areas of work currently being undertaken by the collaborating centres.

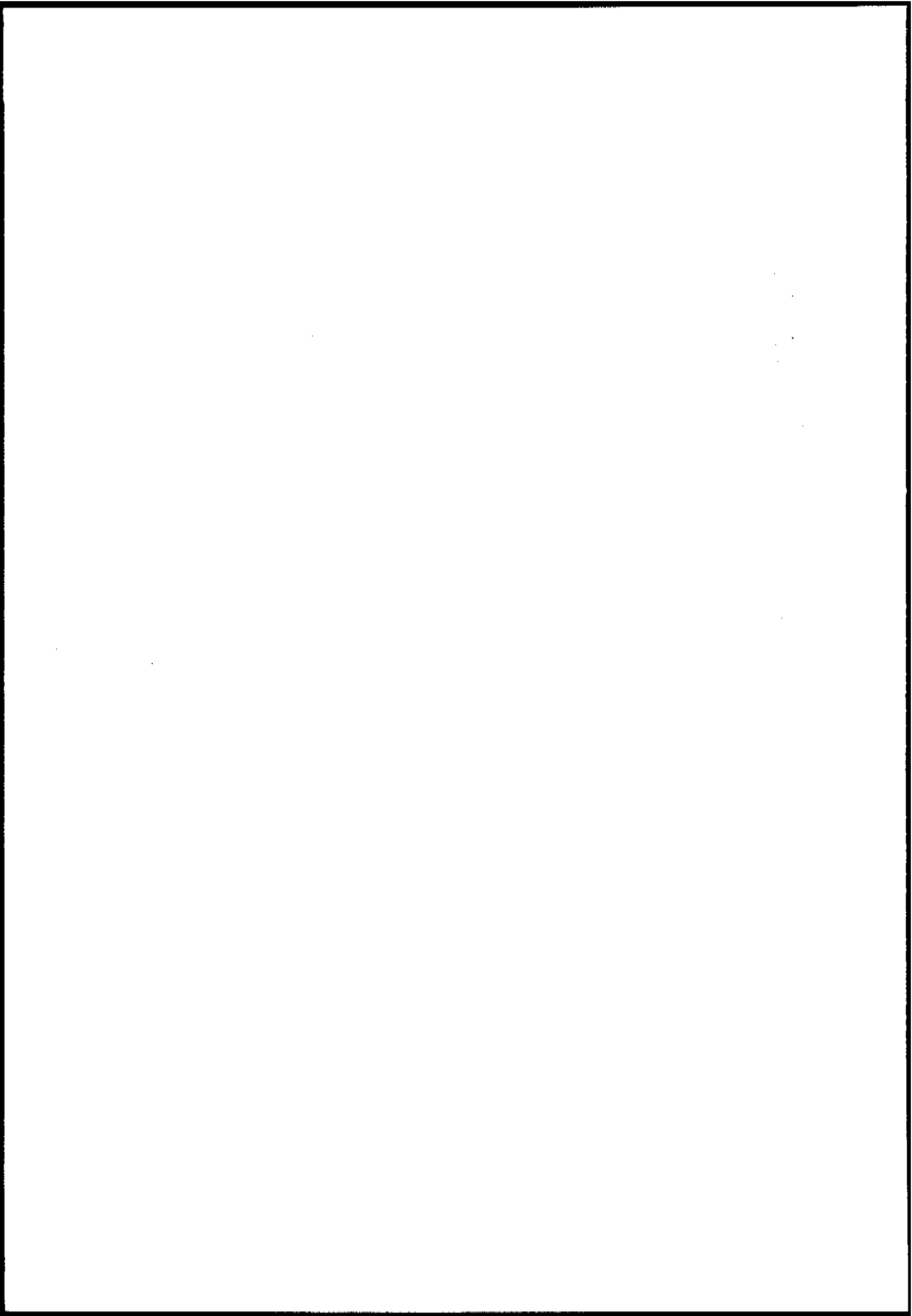
The Programme of Nutrition is currently reviewing and strengthening its working relationships with the WHO collaborating centres in order to exert its global nutrition leadership and fulfil its tasks in the twenty-first century within the framework of the new strategy for health for all.

**Table 1. Technical areas of work being addressed by WHO collaborating centres for nutrition**

Areas	Number of centres
Nutrition epidemiology	4
Research methodology in nutrition (including behavioural science techniques)	11
Food and nutrition policy	8
Nutrition education	10
Food habits/food consumption/dietary data	5
Food composition	1
Advanced training in nutrition	23
Micronutrients	4
Maternal and child nutrition	6
Breast-feeding/infant feeding	8
Mass catering	1
Obesity and other chronic diseases	6
Nutrition in the elderly	1
Nutrition in primary health care	5
Nutrition emergency	2
Nutrition problems of migrants	1
Clinical nutrition	4
Nutrition and infection	1
Nutrition rehabilitation	1
Food technology	3
Food hygiene	1

# WHO Collaborating Centres in Nutrition





## 2. WHO COLLABORATING CENTRES IN NUTRITION

### ARGENTINA

**Name of Centre:** WHO Collaborating Centre for Research, Training and Education in Pediatric Nutrition

**Address:** Centre for Studies on Infant Nutrition (CESNI)  
2992 - 4/6, Avenida Santa Fe  
Buenos Aires, 1425  
Argentina

**Phone Number:** +54.1.334.1545

**Fax Number:** +54.1.354.6011

**E-mail Address:**

**Head of Centre:** Dr Alejandro M. O'Donnell

**Date of Designation:** 19 March 1991

**Date of Redesignation:**

**Terms of Reference:**

1. To conduct a programme for training human resources in: a) clinical nutrition residency and fellowships for pediatricians, dietitians, biochemists and biologists; b) nutritional surveillance; c) methodology of research in nutrition;
2. To organize an annual course of pediatric nutrition for physicians and dietitians and a bi-annual international course of pediatric nutrition on selected topics;
3. To produce, under the sponsorship of PAHO, a Pediatric Clinical Nutrition Manual;
4. To expand the lectorship of the CESNI Bulletin;
5. To produce nutrition education materials and resources for the community;
6. To conduct research in the field of: a) clinical nutrition; b) nutritional epidemiology; c) experimental nutrition.

**BRAZIL**

**Name of Centre:** WHO Collaborating Centre for Nutrition in the Area of Maternal and Child Nutrition

**Address:** Departamento de Medicina Social  
Faculdade de Medicina  
Universidade Federal de Pelotas  
Av. Duque de Caxias, 250  
96030-000  
Pelotas, RS  
Brazil

**Phone Number:** +55.532.712442

**Fax Number:** +55.532.712645

**E-mail Address:** cvictora@ufpel.tche.br

**Head of Centre:** Dr Cesar G. Victora/Dr Fernando C. Barros

**Date of Designation:** 15 May 1996

**Date of Redesignation:**

**Terms of Reference:**

1. To carry out research relevant to the improvement of maternal and child nutrition in less developed countries;
2. To train researchers from less developed countries in methodological developments in this field;
3. To provide consultancy services and advice to the WHO Nutrition Programme, other WHO Divisions and Programmes and associated institutions;
4. To collaborate with national governments and other institutions regarding research and teaching activities.

**CUBA**

**Name of Centre:** WHO Collaborating Centre for Research and Training in Human Nutrition and Food Hygiene

**Address:** Instituto de Nutricion e Higiene de los Alimentos (INHA)  
1158, Calzada de Infanta  
Habana 10300  
Cuba

**Phone Number:** +537.781.835/708.947

**Fax Number:** +537.662.075

**E-mail Address:** inha@infomed.sld.cu

**Head of Centre:** Dr José Gonzalez

**Date of Designation:** 9 September 1991

**Date of Redesignation:** 15 September 1995

**Terms of Reference:**

1. To advise the rationalization of food supply and consumption in the country, in coordination with other sectors and agencies;
2. To implement the scientific bases for mother's and child's nutrition;
3. To formulate new food products according to scientific requirements;
4. To elaborate sanitary criteria for the evaluation of new food products;
5. To develop dietary guidelines for the therapy of chronic diseases;
6. To develop research projects in food and nutrition, basically in the aspects related to the promotion, protection, diagnosis, treatment and rehabilitation of human health;
7. To develop programmes and courses for the higher education;
8. To ensure the adequate capacitation and updating of the professionals and technicians of the national hygiene and epidemiology network;
9. To evaluate the new food products elaborated by the food industry or imported for people's consumption;
10. To act as a reference at the national level between the food industry and the public health authorities, when necessary;
11. To act as a reference centre for the methods and procedures established in the national network of hygiene and epidemiology;
12. To study the food habits of the community in order to set the bases for national programme of nutritional education;
13. To elaborate norms of rations for groups of workers and other population groups;
14. To contribute to the promotion of breast-feeding through programmes of nutritional education;
15. To develop scientific collaboration with similar institutions in the world, especially with those from developing countries.

**DENMARK**

**Name of Centre:** WHO Collaborating Centre for Mass Catering

**Address:** Danish Catering Centre  
Hörkjaer 2  
2730 Herlev  
Denmark

**Phone Number:** +45.44.94.24.90

**Fax Number:** +45.44.94.24.70

**E-mail Address:** dansk-catering-center@44942490.da.diatel.dk

**Head of Centre:** Dr Orla Zinck

**Date of Designation:** 2 June 1989

**Date of Redesignation:** 25 September 1996

**Terms of Reference:**

1. To assist WHO Programme for Nutrition Policy, Infant Feeding and Food Security (NIF) by providing consultancy services to member states in the areas of hospital catering and of mass feeding;
2. To assist member states in assessing their food composition data quality and presentation and devise systems for quality control of existing data banks;
3. To explore the possibility of developing a new version of the "Food and Health Indicators" software;
4. To assist the NIF programme in providing catering at WHO-organized meetings, which is in conformity with modern, good, science-based dietary principles;
5. To share with the NIF programme experiences from production, marketing and sale of foods grown in an ecologically sustainable way.

**EGYPT**

**Name of Centre:** WHO Collaborating Centre for Research and Training in Nutrition, specially on Assessment of Nutritional Status and Iron Deficiency Anaemia

**Address:** The Nutrition Institute  
16 Kasr-El-Aini Street  
Cairo  
Egypt

**Phone Number:** +203.364.3522/364.6413

**Fax Number:** +203.364.7476

**E-mail Address:**

**Head of Centre:** Dr Farouk Shaheen

**Date of Designation:** 10 May 1992

**Date of Redesignation:** 29 December 1997

**Terms of Reference:**

1. To promote research and training activities relevant to priority nutrition problems, nationally and at regional level;
2. To develop and use training capacity to meet national and regional nutrition training needs;
3. To establish institutional linkages with nutrition service departments and other nutrition/training centres within the country and support their work;
4. To participate actively in the regional networking activities and share experience, and maintain effective communication with other centres in the regional research network;
5. To act as a regional resource in the area of expertise agreed upon with WHO and the network;
6. To conduct research in collaboration with WHO and other relevant UN agencies, and participate in relevant multicentre research activities initiated in the region.

**FRANCE**

**Name of Centre:** WHO Collaborating Centre for Human Nutrition

**Address:** Laboratoire de Nutrition tropicale  
Centre ORSTOM de Montpellier  
B.P. 5045  
911 avenue Agropolis  
34032 Montpellier Cédex  
France

**Phone Number:** +67.61.74.66

**Fax Number:** +67.54.78.00

**E-mail Address:** francis.delpauch@mpl.orstom.fr

**Head of Centre:** Dr F. Delpauch/Dr B. Maire

**Date of Designation:** 1 March 1994

**Date of Redesignation:**

**Terms of Reference:**

To collaborate with WHO in the area of human nutrition and especially in the field of deficiency malnutrition. The activities correspond to the priorities of the WHO Nutrition Programme:

1. Improvement of infant feeding;
2. Evaluation, analysis and nutritional surveillance;
3. Training of personnel in nutrition.

**GREECE**

**Name of Centre:** WHO Collaborating Centre for Nutrition Education

**Address:** Department of Nutrition and Biochemistry  
Athens School of Public Health  
Leoforos Alexandros 196  
115 21 Athens  
Greece

**Phone Number:** +30.1.64.61.831

**Fax Number:** +30.1.64.36.536

**E-mail Address:** antonia@asph.ariadne-t.gr

**Head of Centre:** Prof. Antonia Trichopoulou

**Date of Designation:** 9 March 1990

**Date of Redesignation:** 7 March 1996

**Terms of Reference:**

1. To simulate innovative ways of conveying nutrition information to the public;
2. To act as an international clearing house for nutrition information material;
3. To coordinate the harmonization of dietary data collection at household level;
4. To contribute, on behalf of the Nutrition Programme, to the network on nutrition education in medical schools.

**INDIA**

**Name of Centre:** WHO Collaborating Centre for Nutrition Science in Primary Health Care

**Address:** National Institute of Nutrition  
Indian Council of Medical Research (ICMR)  
Jamai-Osmania P.O.  
Hyderabad 500 007, A.P.  
India

**Phone Number:** +91.40.86.89.09

**Fax Number:** +91.40.86.90.74

**E-mail Address:** icmrmin@ren.nic.in

**Head of Centre:** Dr Kamala Krishnaswamy

**Date of Designation:** 12 October 1992

**Date of Redesignation:** in the process of redesignation

**Terms of Reference:**

1. To carry out research on how to adapt nutrition technologies for wide application through primary health care and to develop behavioural science techniques and methods to facilitate the adoption of these technologies in specific countries;
2. To apply the above to countries as requested;
3. To carry out training in this and related areas for national implementors and researchers;
4. To provide consultant services and advice to WHO in this and related areas;
5. To act as an information dissemination centre for developments in nutrition research-cum-action.

**INDIA** (continued)

**Name of Centre:** WHO Collaborating Centre for Weaning Technology and Anaemia Control

**Address:** Department of Foods and Nutrition  
Faculty of Home Science  
M.S. University of Baroda  
Vadodara-Baroda 390 002  
India

**Phone Number:** +32.93.62

**Telex Number:** 0175.678 MSU IN

**E-mail Address:**

**Head of Centre:** Dr Subadra Sheshadri

**Date of Designation:** 26 June 1992

**Date of Redesignation:** in the process of redesignation

**Terms of Reference:**

1. To carry out research on how to adapt nutrition technologies for wide application through primary health care and to develop behavioural science techniques and methods to facilitate the adoption of these technologies in specific countries;
2. To apply the above to countries as requested;
3. To carry out training in this and related areas for national implementors and researchers;
4. To provide consultant services and advice to WHO in this and related areas;
5. To act as an information dissemination centre for developments in nutrition research-cum-action.

**INDONESIA**

**Name of Centre:** WHO Collaborating Centre for Identification, Development and Propagation of Methods for Control of Nutritional Blindness and Anaemia

**Address:** Nutrition Research and Development Centre (NRDC)  
National Institute for Health Research and Development (NIHRD)  
Jalan DR., Sumeru, 63  
Bogor 16112  
Indonesia

**Phone Number:** +62.251.321.763/326.348

**Fax Number:** +62.251.326.348

**E-mail Address:**

**Head of Centre:** Dr H. Mubilal

**Date of Designation:** 24 September 1980

**Date of Redesignation:** 9 March 1993  
in the process of redesignation

**Terms of Reference:**

1. To carry out research on how to adopt nutrition technologies for wide application through primary health care and to develop behavioural science techniques and methods to facilitate the adoption of these technologies in specific countries;
2. To apply the above to countries as requested;
3. To carry out training in this and related areas for national implementors and researchers;
4. To provide consultant services and advice to WHO in this and related areas;
5. To act as an information dissemination centre for developments in nutrition research-cum-action.

**IRAN (ISLAMIC REPUBLIC OF)**

**Name of Centre:** WHO Collaborating Centre for Research and Training in Nutrition, specially Nutrition in PHC and Iodine Deficiency Disorders

**Address:** National Nutrition and Food Technology Research Institute  
P.O. Box 19395/4741  
Teheran  
Islamic Republic of Iran  
*jointly with:*  
Department of Human Ecology  
School of Public Health  
University of Teheran  
1547 Valley-e-Asr Ave.  
P.O. Box 19395-4741  
Teheran  
Islamic Republic of Iran

**Phone Number:** +9821.204.3093/204.1717 (National Nutrition Institute)  
+9821.611.2450 (Department of Human Ecology)

**Fax Number:** +9821.205.3036 (National Nutrition Institute)  
+9821.646.267 (Department of Human Ecology)

**E-mail Address:**

**Head of Centre:** Dr Seyed Masoud Kimiagar/Dr Abolghassen Djazayeri

**Date of Designation:** 31 May 1992

**Date of Redesignation:** 3 October 1996

**Terms of Reference:**

1. To promote research and training activities relevant to priority nutrition problems, nationally and at the regional level;
2. To develop and use training capacity to meet national and regional nutrition training needs;
3. To establish institutional linkages with nutrition service departments and other nutrition research/training centres within the country and support their work;
4. To participate actively in the regional networking activities and share experience, and maintain effective communication with other centres in the regional research network;
5. To act as a regional resource in the area of expertise agreed upon with WHO and the network;
6. To conduct research in collaboration with WHO and other relevant UN agencies, and participate in relevant multicentre research activities initiated in the region.

**IRAN (ISLAMIC REPUBLIC OF) (continued)**

**Name of Centre:** WHO Collaborating Centre for Research and Training in Breast-feeding

**Address:** National Lactation Management Centre  
Ministry of Health and Medical Education  
P.O. Box 17185/656  
Hafez Avenue  
Teheran  
Islamic Republic of Iran

**Phone Number:** +9821.531.4943/531.4938

**Fax Number:** +9821.531.4942

**E-mail Address:**

**Head of Centre:** Dr Nahid Ezzedin Zanjani

**Date of Designation:** 10 March 1996

**Date of Redesignation:**

**Terms of Reference:**

1. To organize training courses for all categories of health workers in breast-feeding and infant nutrition, e.g. protection, promotion and support of breast-feeding through health services with special reference to maternal and child health and primary health care, promotion of Baby-Friendly Hospital Initiative and implementation of the International Code for Marketing of Breast-milk substitutes;
2. To provide its facilities for developing education materials, both printed and visual, to be used after linguistic adaptation, for wide dissemination in countries;
3. To review all available training courses regarding content, duration and methodologies, in order to explore the development/modification into shorter and tailor-made courses;
4. To prepare an outline for the research agenda on breast-feeding and infant nutrition for eventual implementation in selected countries and in close collaboration with EMRO's Maternal and Child Health Research Network. The research agenda will include the following areas: a) the effectiveness of breast-feeding counselling on improving the practices of mothers, and the duration of exclusive breast-feeding; b) the effectiveness of different kinds of training on improving the practices of health professionals in relation to breast-feeding;
5. To develop simple tools for monitoring and evaluation of different implementation stages of overall feeding programmes involving the indicators of breast-feeding and complementary feeding practices developed by WHO/UNICEF and to review experiences in the countries of EMR, identify gaps and areas of weakness and suggest strengthened strategies.

**ITALY**

**Name of Centre:** WHO Collaborating Centre for Nutrition

**Address:** Unit of Human Nutrition  
National Institute of Nutrition  
Via Ardeatina 546  
00179 Rome  
Italy

**Phone Number:** +39.65.04.26.77

**Fax Number:** +39.65.03.15.92

**E-mail Address:** UNU@inn.ingrm.it

**Head of Centre:** Prof. Anna Ferro-Luzzi

**Date of Designation:** 7 September 1988

**Date of Redesignation:** 27 March 1996

**Terms of Reference:**

1. The WHO collaborating centre for nutrition, Rome will assist the WHO Regional Office for Europe, Programme for Nutrition Policy, Infant Feeding and food Security (NIF) in the following areas, both in the European Region and globally: a) strengthening nutrition science by qualified research on the links between health, dietary risk factors and nutrition; b) strengthening nutrition science through upgrading institutions; c) support the work of WHO Nutrition Programmes in the European Region and globally;
2. The WHO collaborating centre shall also assist the WHO HQ in Geneva in the following areas: a) strengthening nutrition science through research on the prevention and control of malnutrition and on nutrition emergency preparedness; b) competence-building in public health nutrition in developing countries; c) support the work of WHO Nutrition in the less developed regions of the world.

**KAZAKSTAN**

**Name of Centre:** WHO Collaborating Centre for Nutrition

**Address:** Institute of Regional Problems of Nutrition  
Klochkova 66  
480008 Almaty  
Kazakhstan

**Phone Number:** +7.3272.42.07.20

**Fax Number:** +7.3272.42.07.20

**E-mail Address:**

**Head of Centre:** Prof. T.S. Sharmanov

**Date of Designation:** 1 August 1979

**Date of Redesignation:** 1 May 1996

**Terms of Reference:**

1. To develop a food and nutrition policy for Kazakhstan;
2. To develop a breast-feeding policy as part of the overall food and nutrition policy;
3. To provide leadership in competence building in nutrition in the Region.

**NETHERLANDS**

**Name of Centre:** WHO Collaborating Centre for Nutrition

**Address:** Department of Human Nutrition  
Agricultural University  
De Dreijlen 12  
6703 BC Wageningen  
The Netherlands

**Phone Number:** +31.837.08.25.89

**Fax Number:** +31.317.48.33.42

**E-mail Address:** jo.hautvast@et3.voed.wau.nl

**Head of Centre:** Prof. J.G.A.J. Hautvast

**Date of Designation:** 22 February 1990

**Date of Redesignation:** 2 November 1995

**Terms of Reference:**

1. To work towards the improvement of the standard of advanced training in nutrition in Europe and selected countries in other regions (a research component will be part of this programme);
2. To provide the nutrition programme with a coordinated overview of the results of research on nutrition in the elderly;
3. To explore the situation of prevalence and treatment of obesity in Europe, and produce a publication on this subject;
4. To assist WHO through its international PhD programme and its other forms of training in nutrition in order to strengthen national capabilities.

**NETHERLANDS** (continued)

**Name of Centre:** WHO Collaborating Centre for Nutrition

**Address:** Department of Human Nutrition  
TNO-CIVO Toxicology and Nutrition Institute  
P.O. Box 36  
Utrechtsweg 48  
3704 HE Zeist  
The Netherlands

**Phone Number:** +31.34.04.44.144

**Fax Number:** +31.34.04.57.952

**E-mail Address:** leezer@voeding.tno.nl

**Head of Centre:** Dr Michiel Löwik

**Date of Designation:** 18 June 1992

**Date of Redesignation:**

**Terms of Reference:**

1. To carry out studies and host consultations on existing food and nutrition policies in the European Region of WHO, and on the various elements included in such policies. Special emphasis to be placed on studies of the interrelationships between consumer knowledge and attitudes in nutrition and subsequent food-related behaviour and nutrition outcome;
2. To carry out normative work on behalf of WHO/EURO on micronutrient analysis and its interpretation in terms of public health, and on the relationship between food intake and physiological markers;
3. To take part in the work done by other collaborating centres of WHO/EURO in the field of nutrition epidemiology.

**NORWAY**

**Head of Centre:** WHO Collaborating Centre for Higher Training in Nutrition

**Address:** Nordic School of Nutrition  
University of Oslo  
P.O. Box 1046, Blindern  
0316 Oslo  
Norway

**Phone Number:** +47.22.85.13.79

**Fax Number:** +47.22.85.13.41

**E-mail Address:** arne.oshaug@basalmed.uio.no

**Head of Centre:** Dr Arne Oshaug

**Date of Designation:** 30 March 1988

**Date of Redesignation:** 2 November 1995

**Terms of Reference:**

In the field of higher education in food and nutrition, to be involved in activities directed towards the strengthening of human resources capabilities in Norway and the Nordic countries and outside the region particularly in developing countries in South-East Asia and Africa:

1. To adapt the WHO's educational handbook for health personnel to food and nutrition personnel;
2. To act as the coordinating mechanism of the international nutrition training collaborative network;
3. To test new approaches to nutrition education accordance with WHO methodology (problem-based learning, community-based education);
4. To launch a diploma type international course in food and nutrition.

**PERU**

**Name of Centre:** WHO Collaborating Centre for Research and Training in Childhood Nutrition and Infant Feeding

**Address:** Instituto de Investigacion Nutricional  
Aptdo 18-191, Miraflores  
Ave. La universidad S/N  
La Molina  
Lima  
Peru

**Phone Number:** +511.349.6023/6024/6144/6145

**Fax Number:** +511.349.6025

**E-mail Address:**

**Head of Centre:** Dr Guillermo Lopez de Romaña

**Date of Designation:** 12 January 1993

**Date of Redesignation:**

**Terms of Reference:**

1. To develop specific research projects which would contribute to the research and training in childhood nutrition and infant feeding;
2. To provide training in some aspect of the research work of the institute;
3. To implement a course on infant feeding.

**POLAND**

**Name of Centre:** WHO Collaborating Centre for Nutrition

**Address:** National Food and Nutrition Institute  
ul. Powsinska 61/63  
02903 Warsaw  
Poland

**Phone Number:** +48.22.42.21.71

**Fax Number:** +48.22.42.11.03

**E-mail Address:** instzyw@frodo.nask.org.pl

**Head of Centre:** Dr Lucjan Szponar

**Date of Designation:** 10 August 1988

**Date of Redesignation:** 27 March 1996

**Terms of Reference:**

1. Monitoring of food consumption patterns at national level, using national food balance sheets data as well as household budget surveys results and conducting tentative comparisons between local disaggregated data on dietary intake and mortality from nutrition related diseases;
2. Acting as focal point for continuous collection of information on household budget surveys in the countries in the European region. Monitoring on food habits and nutritional status including biochemical and biological parameters on random samples of school children;
3. Study of nutrition policy formulation and implementation in Poland, and Central and Eastern Europe;
4. Study of the relationship between coronary risk factors and different types of obesity classified according to draft WHO standardized anthropometric indices;
5. Verification of hypothesis on atherogenic nature of "central" obesity in contrast to "peripheral" obesity;
6. Development of educational goals and objectives, problem identification and job description for middle level nutritionists according to the WHO educational handbook for health personnel (WHO offset publication no.35).

**SWEDEN**

**Name of Centre:** WHO Collaborating Centre for Nutrition

**Address:** Unit for Preventive Nutrition at the Karolinska Institute  
Department of Biosciences at Novum  
141 57 Huddinge  
Sweden

**Phone Number:** +46.8.608.92.11

**Fax Number:** +46.8.774.68.33

**E-mail Address:** prevnut@cnt.ki.se

**Head of Centre:** Dr Michael Sjöström/Agneta Yngve

**Date of Designation:** 1 February 1996

**Date of Redesignation:**

**Terms of Reference:**

1. To create an inventory of existing opportunities for advanced training in public health;
2. To stimulate intensified work in public health nutrition at individual and community level;
3. To take up questions concerning the special nutritional problems of migrants;
4. To take up questions concerning nutrition and equity (in collaboration with Nordic School of Nutrition, WHO Collaborating Centre for Advanced Training, in Oslo, Norway);
5. To share Swedish experiences in the implementation of food and nutrition policy with other European countries.

**THAILAND**

**Name of Centre:** WHO Collaborating Centre for Community and Behavioural Science in Nutrition

**Address:** Institute of Nutrition  
Mahidol University (INMU)  
Salaya, Phuttamonthon  
Nakhom Pathom 73170  
Thailand

**Phone Number:** +662.441.9035-9/441.9740

**Fax Number:** +662.441.9344

**E-mail Address:** directnu@mahidol.ac.th

**Head of Centre:** Prof. Kraissid Tontisirin

**Date of Designation:** 21 July 1992

**Date of Redesignation:** 11 March 1997

**Terms of Reference:**

1. To carry out research on how to adapt nutrition technologies for wide application through primary health care;
2. To develop behavioural science techniques and methods that would facilitate the adoption of these technologies in specific countries;
3. To carry out training in this and related areas for national implementors and researchers;
4. To provide consultant services and advice to WHO in this and related areas;
5. To act as an information dissemination centre for developments in nutrition research-cum-action.

**UNITED KINGDOM OF GREAT BRITAIN  
AND NORTHERN IRELAND**

**Name of Centre:** WHO Collaborating Centre for Research and Training in Food and Nutrition

**Address:** The Rowett Research Institute  
Boyd Orr Research Centre  
Greenburn Road, Bucksburn  
Aberdeen AB2 9SB  
United Kingdom

**Phone Number:** +44.1224.71.27.51

**Fax Number:** +44.1224.71.53.49

**E-mail Address:** jhj@rri.sari.ac.uk

**Head of Centre:** Prof. W.P.T. James

**Date of Designation:** 8 October 1994

**Date of Redesignation:**

**Terms of Reference:**

1. To assist in the development and analysis of food and nutrition policies in European countries;
2. To contribute to the efforts to improve advanced training in nutrition in Europe;
3. To assist in capacity building and the improvement of methodologies for analysis and evaluation of micronutrient deficiency diseases;
4. To assist colleagues in Eastern Europe in the field of food technology;
5. To assist international aid agencies when required to provide expertise in provision of emergency food aid;
6. To review current epidemiological information on obesity, and draw up recommendations for developing public health policies and programmes for improving the prevention and management of obesity as a global public health problem.

**UNITED KINGDOM OF GREAT BRITAIN  
AND NORTHERN IRELAND (continued)**

**Name of Centre:** WHO Collaborating Centre for Research & Training in Human Nutrition, specially Micronutrients

**Address:** Centre for International Child Health  
Institute of Child Health  
University of London  
30 Guildford Street  
London WC1 1EH  
United Kingdom

**Phone Number:** +44.171.242.9789

**Fax Number:** +44.171.404.2062

**E-mail Address:** a.tomkins@ich.ucl.ac.uk

**Head of Centre:** Prof. Andrew Tomkins

**Date of Designation:** 1 March 1994

**Date of Redesignation:**

**Terms of Reference:**

1. To support the development of high quality nutrition research projects in less developed countries;
2. To promote the development of skills in research design and methodologies for staff in centres in less developed countries; this includes the provision of training courses, technical support, counselling and consultancy for leading scientists in major overseas institutions;
3. To provide consultancy and advisory services to the WHO Nutrition Programme and its associated organizations;
4. To facilitate the dissemination of information by interaction with other centres, especially those with nutrition information systems.

**UNITED REPUBLIC OF TANZANIA**

**Name of Centre:** WHO Collaborating Centre for Nutrition

**Address:** Tanzanian Food and Nutrition Centre  
Ocean Road 22  
P.O. Box 977  
Dar-es-Salaam  
Tanzania

**Phone Number:** +255.51.29.621/622/623

**Fax Number:** +255.51.44.029

**E-mail Address:**

**Head of Centre:** Dr Wilbald Lorri

**Date of Designation:** 12 May 1997

**Date of Redesignation:**

**Terms of Reference:**

1. To collaborate with WHO in the development of nutrition policy, programmes and projects in the African Region, particularly within the United Republic of Tanzania, in the line with the Declaration and the Plan of Action of the International Conference on Nutrition;
2. To collaborate with WHO in the development of activities, including applied field research related to: a) the promotion of infant and young child feeding, in particular within the context of the Baby Friendly Hospital Initiative; b) the promotion of satisfactory maternal nutrition; c) the control of micronutrient malnutrition, with special attention to the monitoring and evaluation component; d) the prevention of diet-related chronic diseases; e) the promotion of nutrition information development and dissemination;
3. To reinforce the nutrition surveillance system in order to provide and disseminate pertinent information on the nutrition situation to decision-makers and the general public at all levels;
4. To collaborate with other WHO Collaborating Centres in areas related to nutrition;
5. To collaborate in strengthening technical and scientific collaboration with Member States in the WHO African Region in the development of capacity building;
6. To contribute and collaborate with the WHO regional and global data bank on anthropometry, micronutrient deficiencies (MDIS) and infant/young child feeding;
7. To provide on request the advisory services and expertise which might be required.

**UNITED STATES OF AMERICA**

**Name of Centre:** WHO Collaborating Centre for Nutritional Epidemiology  
& Advanced Training in Public Health Nutrition

**Address:** Departments of Epidemiology and Nutrition  
Harvard School of Public Health  
677 Huntington Avenue  
Boston, Massachusetts 02115  
USA

**Phone Number:** +1.617.432.1050

**Fax Number:** +1.617.566.7805

**E-mail Address:**

**Head of Centre:** Prof. Walter Willett

**Date of Designation:** 20 April 1993

**Date of Redesignation:**

**Terms of Reference:**

In nutrition epidemiology:

1. To provide WHO, on the basis of the research activities in the two departments, on a continuing basis, with information on specific questions of particular interest to the programme, and act as faculty to meetings;
2. To assist WHO with methodological problems in the formulation of research tools on subjects of relevance in the field of nutrition epidemiology, when necessary.

In advanced training in nutrition:

1. To support the efforts of WHO in arranging short-term courses in the CCEE aiming at updating people who are working in the area of nutrition the field of nutrition epidemiology, by acting as faculty to the courses;
2. To give preferential access to candidates for post-graduate studies on nutrition and epidemiology that are recommended through WHO;
3. To actively solicit fellowships for candidates from all regions of the world.

**UNITED STATES OF AMERICA** (continued)

**Name of Centre:** WHO Collaborating Centre for Maternal and Child Nutrition and for Nutrition Policy and Planning

**Address:** Cornell Program in Maternal and Child Nutrition and Cornell Food & Nutrition Policy Program  
Division of Nutritional Sciences  
Cornell University  
127 Savage Hall  
Ithaca, New York 14853-6301  
USA

**Phone Number:** +1.607. 255.2228

**Fax Number:** +1.607. 255.1033

**E-mail Address:** CG30@cornell.edu

**Head of Centre:** Dr Cutberto Garza

**Date of Designation:** 29 March 1996

**Date of Redesignation:**

**Terms of Reference:**

1. To support the development of high quality research that is relevant to programmes and policies in maternal and child nutrition;
2. To support the development of high quality research into the determinants & consequences of policy decisions that affect nutrition;
3. To promote the development and skills in research design and methodologies by staff in developing countries through staff training and technical assistance and consultation;
4. To promote the understanding by decision makers in different sectors (e.g. health, agriculture, planning) of the relevant facts and approaches to assure that nutrition is properly considered in policy and planning decisions. This will be done through training and ongoing consultancies with decision makers;
5. To provide consultancy services and advise the WHO Nutrition Programme and its associated organizations.

<b>UNITED STATES OF AMERICA (continued)</b>
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**Name of Centre:** WHO Collaborating Centre for Research on Intestinal Parasites and Human Nutrition  
*Collaborating Centre under responsibility of Other Communicable Diseases Prevention and Control Activities (OCD) programme area*

**Address:** Center for Human Nutrition  
School of Hygiene and Public Health  
The Johns Hopkins University  
615 North Wolfe Street  
Baltimore, MD 21205  
USA

**Phone Number:** +1.410.955.2786

**Fax Number:** +1.410.955.0196

**E-mail Address:** rstoltzf@phnet.sph.jhu.edu

**Head of Centre:** Dr Rebecca Stoltzfus

**Date of Designation:** 4 October 1996

**Date of Redesignation:**

**Terms of Reference:**

1. To foster and conduct research to clarify the role of intestinal parasites in the global burden of human malnutrition, e.g. a) estimate the proportion of anaemia attributable to helminthic infection in East African preschool children, school children, and pregnant women; b) estimate the proportion of anaemia attributable to helminthic infection in South Asian pregnant women;
2. To evaluate the efficacy of various means of helminth control to improve nutritional status in different population subgroups, e.g. measure efficacy of periodic deworming of East African school children and preschool children to improve iron status and growth;
3. To measure the cost-effectiveness of helminth control programmes to alleviate malnutrition, e.g. measure cost-effectiveness of a school-based deworming programme in Zanzibar;
4. In collaboration with PAHO, to develop one or more applied research projects to evaluate the nutritional impact of deworming activities within the Latin American Region;
5. To provide training to colleagues from the Member States of WHO in the areas of human nutrition, infectious disease epidemiology, and the evaluation of parasitic disease control activities;
6. To foster discussion and multidisciplinary collaborative research among nutritionists, parasitologists, epidemiologists, health economists, educators, and others;
7. To provide technical advice and expertise to PAHO, WHO and other agencies regarding the planning and evaluation of strategies to reduce malnutrition through helminth control, alone or in combination with micronutrient supplementation, and to contribute to the development of technical guidelines and strategic approaches for strengthening these activities;
8. To support the continuation and strengthening of ongoing projects in selected Andean and Central American countries on micronutrient supplementation (iron and vitamin A), in parallel or integrated with projects addressed to reduce morbidity of selected intestinal anthelmintics, in pre-school and school-age children;
9. To collaborate in the information dissemination in the Region, regarding the basic and well standardized strategic approaches toward micronutrient supplementation and intestinal parasitic infections control.

**UNITED STATES OF AMERICA (continued)**

**Name of Centre:** **WHO Collaborating Centre for Breast-feeding Promotion and Protection**  
*Collaborating Centre under responsibility of Maternal and Child Health, including Family Planning (MCH) programme area*

**Address:** Wellstart International  
4062 First Avenue  
San Diego, CA 92103-2045  
USA

**Phone Number:** +1.619.574.8174

**Fax Number:** +1.619.574.8159

**E-mail Address:** inquiry@wellstart.org

**Head of Centre:** Dr Audrey Naylor

**Date of Designation:** 29 April 1993

**Date of Redesignation:** in the process of redesignation

**Terms of Reference:**

1. To contribute to increasing technical cooperation with and among countries by providing them with information, services, technical assistance, and leadership, thereby stimulating and supporting positive outcomes in the general programmatic areas listed below: a) education and training; b) applied research and evaluation; c) information and materials; d) community outreach; e) communication and social marketing;
2. To bring to the Collaborating Centre programme unique network on highly trained, skilled and motivated health workers in 30 countries (12 in Latin American and the Caribbean, 5 in Asia, 2 in Eastern Europe, 2 in the Middle East, and 9 in Africa).