



Global NutriTion 2004

Meeting the challenges in global nutrition
using Information Technology

Advanced International Training Programme

<http://www.globnut.net>



UPPSALA, SWEDEN, MARS 08 – APRIL 08, 2004

Invitation

The Swedish International Development Co-operation Agency (Sida) is the government agency given the task to plan and administer Sweden's bilateral co-operation programmes with developing countries. The agency is also responsible for Sweden's co-operation with Central and Eastern Europe. At present Sida is supporting approximately 2000 projects. The major part of the resources are allocated to some 20 co-operating countries where more long-term co-operation is implemented.

The agency is to provide effective and efficient development assistance in a changing world. This requires flexible methods based on a holistic and co-operative approach. Sida's activities are based on the assumption that the recipient countries wish to carry out changes and are willing to invest their own resources to achieve these changes.

Sweden's development policy is to contribute to improved living standards for the poorest groups of people. Sida's chosen route is via democratisation and sustainable development. Social security which liberates human resources also falls within this framework. Strengthening the position of women must be prioritised. Gender equality is one of the most important goals of development co-operation.

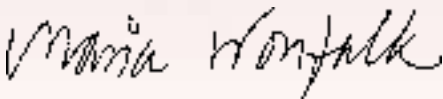
Adequate nutrition is an important prerequisite for health and thus an important basis for development of individuals and nations. Adequate nutrition for health and well-being is also included in human rights, expressed in several international human rights declarations and conventions.

Several international meetings during the 1990s have emphasised the need to direct greater efforts towards the reduction of chronic malnutrition and micro-nutrient deficiencies. Yet, while a lot of progress has been made in nutrition in most low income countries, nutrition problems continue to be the major single cause of morbidity and mortality in the world. In 1996, the World Health Organisation estimated that malnutrition, even in mild forms, was the underlying cause of over fifty percent of child mortality globally.

In addition other challenges are emerging. Changes in lifestyle and increased life expectancy bring increasing burdens of nutrition related chronic health problems to low and middle income countries. There is an urgent need for knowledgeable, well trained staff in many nutrition related professions to translate the scientific knowledge that is available today, into practical, locally feasible nutrition actions.

Drawing on many years of experience in running interdisciplinary courses in international nutrition, Sida, Swedish University of Agricultural Sciences and Uppsala University, offer academicians involved in higher nutrition training of medical or other health professionals, food and nutrition professionals or agronomists the opportunity to participate in this training programme.

Uppsala, June 2003



Maria Norrfalk
Director General



OBJECTIVES

The main objective of the programme is to make possible a long term collaboration in nutrition among higher training institutions, in the South and the North, through use of Information Technology (IT). More specifically the programme will

- impart and share knowledge of new findings, new methods, broad intersectoral programmes and new concepts in nutrition
- train and develop skills among teachers in optimal use of IT in academic training in global nutrition thereby making possible a continuous search for

knowledge and information and closer contacts with colleagues in other countries.

After completion of the course the participant shall:

- be familiar with recent findings and methods of addressing major global nutrition concerns
- be able to work with Internet connected computers with web-browsers, e-mail programmes and distance training programmes
- be able to develop computer assisted learning material and web-pages for Internet use.

PROGRAMME CONTENT

The programme will combine the updating of knowledge on major topics of global nutrition concerns with the introduction to, and optimal use of information technology in higher training. Special attention will be given to optimal use of IT technology to strengthen higher nutrition training of professionals in the health, food and agricultural sectors.

Phase I

(5 weeks, Uppsala, March 08–April 08, 2004)

**Using IT in higher training*

Accessing the net, searching nutrition information on the web, internet communication, computer pedagogics. Special challenges in low income countries.

**Global nutrition*

Nutrition trends and challenges, environmental, health, food security and gender concerns, nutrition as a human right.

**Malnutrition revisited*

Review of the concept of malnutrition, growth standards, current issues and controversies in macro- and micro-nutrient nutrition. Mild undernutrition and mortality, rehabilitation of severely malnourished children, maternal nutrition and pregnancy outcome, infant feeding, HIV/AIDS. Diet, lifestyle and diseases, obesity and disease risks, nutrition problems of urbanisation, nutrition of ageing populations.

**Nutrition Management*

Challenges in nutrition training. Review of nutrition curricula in various training programmes, use of IT in higher training. Global nutrition in policy making.

Phase II

- a) Participation in discussion group or computer conference on agreed topics
- b) Team assignments on distance training in participants home institutions on self selected topics:

Meeting nutrition challenges of the 21st century

e.g. a review of training programmes, a review of trends, neglected nutrition concerns, planning for use of IT in nutrition training in participant's institution.

Phase III

(1 week, in participant country, autumn 2004)

*Workshop on collaboration and networking

*Presentation of team assignments

COURSE STRUCTURE

Morning sessions in Phase I will consist of lectures and theoretical presentations by Swedish and international experts with extensive experience on the various

themes. Afternoons are scheduled for practical exercises using IT and computers in the field of nutrition. Participants are also invited to give seminars on selected topics of nutrition from their own countries. Lectures, computer work and participant seminars will cover full day's work. There will also be some evening sessions and weekend activities.

PARTICIPANTS

The 2004 programme is designed for academics at university departments or similar institutions in Africa, Asia and Latin America, who are actively involved in higher nutrition training of medical or other health professionals or nutrition, food and agriculture professionals.

Applications are invited from teachers who hold a bachelor's degree in agriculture, food science, medicine, nutrition or allied health professions and *who are involved in higher academic training programmes*.

Documented proficiency in English and basic training in word processing are prerequisites.

To strengthen interdisciplinary collaboration in addressing nutrition problems, applications from professionals with different training backgrounds working in the same institution are encouraged.

The programme will admit 25 participants in total from Sida approved countries in Africa, Asia and Latin America. The full list of approved countries is available on the programme website www.globnut.net

COURSE VENUE AND ACCOMMODATION

The 5 week course in Phase I will be held at the Academic Hotel, Uppsala University where the participants also will be accommodated. The course venue is centrally located in Uppsala with university, libraries, university hospital, the cathedral and business centre within walking distance.

Participants will be accommodated in single rooms with private WC and access to shower or bath, laundry and facilities for light cooking.

COST OF PARTICIPATION

For participants from designated countries the programme fee, accommodation, meals and travelling cost to and from Sweden will be covered by the programme sponsor, Sida. The programme fee includes all lectures, literature and documents as well as transport during the programme.

Personal expenses during the programme are not included.

APPLICATION

CLOSING DATE FOR APPLICATION IS NOVEMBER 1, 2003.

Applications should be made on the special form attached and mailed to the nearest Swedish Embassy, with a copy mailed directly to the Department. Candidates must be nominated by an appropriate authority or institution.

Non-native English speakers must make an English language test with an official body in the home country unless the applicant can provide other documentation to support his or her capability.

Selected candidates will be notified by e-mail. Acceptance of participation in all three phases must be approved by the nominating authority and confirmed within two weeks *by e-mail*.

Further details regarding the programme can be obtained from the programme secretariat in Uppsala.

The Global NutrITion programme

The Global NutrITion programme has been offered since 1998 through the Nutrition Unit, Department of Medical Science, Uppsala University and the Department of Rural Development Studies, Swedish University of Agricultural Sciences. So far 128 academic teachers in nutrition from around 55 countries in Africa, Asia and Latin America have participated and they are now part of the electronic network of Global Nutrition.

The 2003 Global NutrITion programme will be organised by the Department of Rural Development Studies, Swedish University of Agricultural Sciences in collaboration with the Department of Medical sciences, Unit of internal medicine and nutrition, Uppsala University and the Unit for Preventive Nutrition, Department of Biosciences, NOVUM, Karolinska Institute, Stockholm.

Swedish University of Agricultural Sciences

The Swedish University of Agricultural Sciences (SLU) offers research and training opportunities in areas concerning biological resources and biological production. SLU's three faculties, Faculty of Agriculture, Landscape Planning and Horticulture, Faculty of Forestry and Faculty of Veterinary Medicine have responsibilities in the fields of agriculture, forestry, environ-

VISA

When required, participants should obtain visa valid for the whole programme period in Sweden. Inquiries should be directed to the nearest Swedish Embassy as soon as possible.

Participants who may wish to visit other countries on their return journey *must* ensure that visas are obtained for those countries before leaving for Sweden, especially for countries not included in the Schengen agreement.

GROUP INSURANCE

Participants are covered by group insurance while in Sweden. The insurance includes costs for medical care in the event of acute illness or accident. Medical or dental check-ups are not included, nor does it cover delay or loss of luggage or theft of personal belongings.

mental concerns, food production and safety, veterinary medicine and biotechnology. Contact persons: Britta Ogle, PhD Nutrition, Linley Chiwona-Karlton, PhD International Health and Gabriel Westman, IT specialist.

Uppsala University

Uppsala University was founded in 1477 and is the oldest university in Scandinavia.

Today it offers a large range of options in education and research at its seven faculties, Arts, Laws, Medicine & Pharmacy, Science and Technology, Social sciences and Theology to 36000 undergraduate and 3000 graduate students. Contact person: Christian Berne, MD, Professor in Medicine.

Karolinska Institute

Karolinska Institute is the only Swedish university specialised in medicine and health sciences and responsible for 40% of academic medical research in Sweden. It was founded in 1810 and today 7500 students are registered in health and medical sciences including 2500 graduate students. The Unit for Preventive Nutrition is part of the Center for Nutrition and Toxicology (CNT) at the Novum Research Park at Huddinge. Contact person: Leif Hambraeus, MD Professor Emeritus in Nutrition.

Secretariat

The address for all communication is:

Global NutrITion 2004

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