

ISSN 1368-9800

Volume 13 Number 7 July 2010

# Public Health Nutrition

---

An international journal published on behalf of  
The Nutrition Society by Cambridge University Press



# Public Health Nutrition

Volume 13, 2010 ISSN: 1368-9800

Twelve issues per year

## Aims and Scope

*Public Health Nutrition* provides an international forum for the publication and dissemination of research and scholarship in the form of peer-reviewed original papers and reviews, and for discussion in the form of editorials, commentaries, and correspondence, with a specific focus on nutrition-related public health.

The scope of *Public Health Nutrition* includes food systems and supplies, patterns of diet, foods and drinks, nutrients, body composition, physical activity, and associated factors, and their effects on disease, health and well-being, and the whole living and physical world. We welcome papers that:

- Address nutritional status **assessment, monitoring, and surveillance**
- Identify and analyse social, cultural, biological, environmental, economic and political **determinants of nutrition-related public health**
- Build intelligence about the development, implementation, and evaluation of **public health nutrition interventions**

- Describe, discuss, debate and influence **food and nutrition policy**
- Focus on improving food and nutrition-related public health, particularly in **populations that are most vulnerable and at risk**.
- Discuss and **build capacity** for effective public health nutrition action, including workforce development and educational issues
- Develop and test **innovative and emerging models, methods and approaches** to public health nutrition practice and research.

We prefer papers that are innovative (do not repeat research already undertaken elsewhere) and succinct (usually well under 5,000 words including references). Short communications are welcome. We publish research, scholarship, and discussions that take a population and preventive approach. In addition to original contributions, ideas and suggestions for topics for debate are also welcome. We publish special issues.

*Public Health Nutrition* is available on the Internet at: [journals.cambridge.org/phn](http://journals.cambridge.org/phn)

### Editor-in-Chief

**Professor Agneta Yngve**

Department of Nursing, Nutrition and Management, Akershus University College Postboks 423, NO 2001 Lillestrøm, Norway  
Email: [phn@nutsoc.org.uk](mailto:phn@nutsoc.org.uk)

### Deputy Editors

**Research Professor Marilyn Tseng**

California Polytechnic State University San Luis Obispo, USA

**Dr Irja Haapala**

University of Eastern Finland, Finland

**Dr Allison Hodge**

University of Melbourne, Australia

### Advisory Board

**Professor Barbara Ainsworth**, Arizona State University, USA

**Professor Janet Cade**, University of Leeds, UK

**Professor Emeritus Leif Hambræus**, Karolinska Institutet, Sweden

**Professor Carlos A Monteiro**, University of São Paulo, Brazil

**Professor Kerin O'Dea**, University of South Australia, Australia

**Professor Heizo Tanaka**, Kanagawa Institute of Technology, Japan

**Professor Hester Vorster**, North-West University, South Africa

### Associate Editors

**Dr Faruk Ahmed**, Kuwait University, Kuwait

**Professor Lenore Arab**, UCLA, Los Angeles, USA

**Professor Thomas Baranowski**, Baylor College of Medicine, USA

**Dr Mary Barker**,

University of Southampton, UK

**Dr Francesco Branca**, World Health Organization, Switzerland

**Dr Victoria Burley**, University of Leeds, UK

**Associate Professor Marly A. Cardoso**, University of Sao Paulo, Brazil

**Dr Junshi Chen**, Institute of Nutrition and Food Hygiene, China

**Dr Ilse de Bourdeaudhuij**, Ghent University, Belgium

**Dr Mikael Fogelholm**, Academy of Finland, Finland

**Dr Oliver Gillie**, Health Research Forum, UK

**Associate Professor Ingibjörg Gunnarsdóttir**, University of Iceland, Iceland

**Dr Russell Jago**, University of Bristol, UK

**Dr Festo Kavishe**, UNICEF, Eritrea

**Dr Nick Kennedy**, Trinity College Dublin, Ireland

**Professor Victor Kipnis**, National Institutes of Health, USA

**Dr Pagona Lagiou**, University of Athens Medical School, Greece

**Associate Professor Mark Lawrence**, Deakin University, Australia

**Professor Lauren Lissner**, University of Gothenburg, Sweden

**Ms Kaye Mehta**, Flinders University, Australia

**Professor Bent Egberg Mikkelsen**, Aalborg University, Denmark

**Dr Michael Nelson**, University of London, UK

**Dr Carmen Perez-Rodrigo**, Unidad de Nutrición Comunitaria, Spain

**Dr Kelley Pettee Gabriel**, University of Texas Health Science Center, USA

**Professor Pirjo Pietinen**, National Public Health Institute, Finland

**Dr Shobha Rao**, Agharkar Research Institute, India

**Dr Aiguo Ren**, Peking University, China

**Dr Elio Riboli**, Imperial College, London, UK

**Dr David Roberts**, Independent Consultant

**Professor Jaap Seidell**, VU University, The Netherlands

**Professor Lluís Serra-Majem**, University of Las Palmas de Gran Canaria, Spain

**Professor Rosely Sichieri**, State University of Rio de Janeiro, Brazil

**Dr Nelia Steyn**, Human Sciences Research Council, RSA

**Professor Inga Thorsdóttir**, University of Iceland, Iceland

**Dr Katherine Tucker**, Jean Mayer USDA HNRCA at Tufts University, USA

**Professor Ricardo Uauy**, London School of Hygiene & Tropical Medicine, UK, and INTA, Chile

**Dr Megumi Utsugi**, National Institute of Health and Nutrition, Japan

**Dr Joop van Raaij**, National Institute for Public Health and the Environment (RIVM), Netherlands

**Professor Maria Daniel Vaz de Almeida**, Porto University, Portugal

**Professor Susan Walker**, University of the West Indies, Jamaica

**Dr Christopher Wharton**, Arizona State University, USA

## International Editorial Board

## The Nutrition Society

The society has as its objective the advancement of the scientific study of nutrition and its application to the maintenance of human and animal health.

Particulars of The Nutrition Society and application forms for membership are available from the Honorary Secretary, The Nutrition Society, 10 Cambridge Court, 210 Shepherds Bush Road, London W6 7NJ, UK.

Telephone +44 (0)20 7602 0228, Fax +44 (0)20 7602 1756

The Nutrition Society home page is at: <http://www.nutrition-society.org>