PUBLIC HEALTH NUTRITION

Volume 18

Number 17

December 2015

Available online at www.journals.cambridge.org/phn



Public Health Nutrition

Volume 18, 2015 ISSN: 1368-9800 Eighteen 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

Editor-in-Chief

Deputy Editors

Dr Carl Lachat

Research Professor Marilyn Tseng

Dr Allison Hodge University of Melbourne, Australia

Dr Eduardo Villamor, University of Michigan

Mrs Zulfa Abrahams Human Sciences Research

Dr Flávia Barbosa State University of Rio de

Dr Vassiliki Bountziouka University College

Mr Fabio S. Gomes National Cancer Institute,

Systematic Reviews and Meta-Analyses Editor

Dr Vassilis Vasdekis Athens University of

Dominique Roberfroid, Institute of Tropical

Dr Leila Azadbakht, Isfahan University of Medical Sciences, Iran

Dr Kaleab Baye, Addis Ababa University,

Dr Shawna Berenbaum, University of

Dr Maxine Bonham, Monash University,

Dr Julie Kay Brimblecombe, Royal Darwin

Dr Maree Brinkman, University of Melbourne,

Saskatchewan, Canada

Hospital Campus, Australia

Economics and Business, Greece

Dr. Stefanie Vandevijvere, University of

Supplement and Special Issues Editor

University of Eastern Finland, Finland

San Luis Obispo, USA Email: phn@nutsoc.org.uk

Gent University, Belgium

Auckland, New Zealand

Council, South Africa

Dr Irja Haapala

Statistics Editor

Janeiro, Brazil

Medicine, Belgium

Associate Editors

Ethiopia

School of Public Health, USA

California Polytechnic State University

- · Identify and analyse social, cultural, biological, environmental, economic and political determinants of nutrition-related public
- · Build intelligence about the development and evaluation of environmental and settings-based interventions focused on the availability of foods including interventions in the out of home eating environment.

- Describe, discuss, debate and influence food and nutrition
- 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 and contribute new knowledge to the literature. Papers should be succinct (ie, usually well under 5,000 words not including the abstract, references, tables, figures and acknowledgements). 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

International Editorial Board

Dr Mona Calvo, U.S. Food and Drug Administration Department of Health and Human Services, USA

Professor Sandra Capra, University of Queensland, Australia

Professor Karen Cullen, Baylor College of

Medicine, USA
Professor Lisbeth Dahl, National Institute of Nutrition and Seafood Research, Norway

Prof. Hélène Delisle, University of Montreal, Canada

Dr Colleen Doak, VU University, Amsterdam Associate Professor Eva-Charlotte Ekström Uppsala University, Sweden

Professor Mieke Faber, Medical Research Council, South Africa

Dr. Jayne A. Fulkerson, University of Minnesota Dr. Anouk Geelen, Wageningen University, The Netherlands

Professor Denise Gigante, Federal University of Pelotas, Brazil

Professor Ted Greiner Hanyang University, Republic

Dr Jennifer L Harris, Yale University, USA Dr Sophie Hieke, European Food Information uncil (EUFÍC), Belgium

Dr Alexis Hure, University of Newcastle, Australia Dr Bridget Kelly, University of Wollongong, Australia Dr Colette Kelly, National University of Ireland, Northern Ireland

Dr Cécile Knai, London School of Hygiene &

Tropical Medicine, University of London, UK Professor Salome H Kruger, North-West University, Potchefstroom, South Africa

Professor Christel Lamberg-Allardt University of Helsinki, Finlana Associate Professor Mark Lawrence

Deakin University, Australia

Dr Cindy Leung, University of California, United States

Dr Nanna Lien, University of Oslo, Norway Dr Zandile Mchiza, Medical Research Council of South Africa, South Africa

Dr Rachael McLean, University of Otago, New Zealand

Professor Bent Egberg Mikkelsen Aalborg University, Denmark

Dr Parvin Mirmiran, Research Institute for Endocrine Sciences, Iran

Assistant Professor Androniki Naska University of Athens Medical School, Greece

Associate Professor Aydin Nazmi California Polytechnic State University, USA

Dr Punam Ohri-Vachaspati Arizona State University, USA

Professor Nicholas Ollberding, Cincinnati Children's Hospital Medical Center, United States

Dr Mohammadreza Pakseresht, University of Alberta, Canada

Dr Demosthenes Panagiotakos, Harokopio University, Greece

Dr Natalie Parletta, University of South Australia, Australia

Professor Lisa Pawloski, George Mason University, USA

Dr Natalie Pearson, Loughborough University, UK Professor Rosangela Pereira, Federal University of Rio de Janeiro, Brazil

Associate Professor Eva Roos, Folkhälsan Research Institute, Finland

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

Dr Kevin Sullivan, Rollins School of Public Health at Emory University, USA

Professor Janice Thompson, University of Birmingham, UK

Dr Lukar E Thornton, Deakin University, Australia Dr Anne Marie Thow, University of Sydney,

Professor Gavin Turrell, Queensland University of Technology, Australia

Dr Jesus Vioque, Universidad Miguel Hernandez,

Dr Yanfang Wang, Peking University Clinical Research Institute, China

Dr. Wilma E. Waterlander, University of Auckland, New Zealand

Assistant Professor Wen You

Virginia Polytechnic University, USA Dr Shannon Zenk, University of Illinois at Chicago, USA

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.nutritionsociety.org