## **JOURNALS**

# Nutrition Research Reviews

Published on behalf of The Nutrition Society

#### **Editor-in-Chief**

Graham C. Burdge, University of Southampton, UK

Nutrition Research Reviews offers a comprehensive overview of nutritional science today. By distilling the latest research and linking it to established practice, the journal consistently delivers the widest range of in-depth articles in the field of nutritional science and has done so for the past twenty-one years. It presents up-to-date, concise and critical reviews of key topics in nutrition science, advancing new concepts and hypotheses that encourage the exchange of fundamental ideas on nutritional well-being in both humans and animals.

Submit your article online **nrr.msubmit.net** 

Register for free content alerts **journals.cambridge.org/nrr-alerts** 



# Impact Factor 4.842

Ranked **4/72**Nutrition and Dietics

2011 Journal Citation Reports®

To subscribe contact Customer Services

#### Cambridge:

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 journals@cambridge.org

### New York:

Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 subscriptions\_newyork@cambridge.org



## Public Health Nutrition

Volume 15, 2012 ISSN: 1368–9800 journals.cambridge.org/phn

## Publishing, Production, Marketing, and Subscription Sales Office:

Cambridge University Press The Edinburgh Building Shaftesbury Road Cambridge CB2 8RU

#### For Customers in North America:

Cambridge University Press Journals Fulfillment Dept 100 Brook Hill Drive West Nyack New York 10994–2133 USA

Publisher: Katy Christomanou

### Special sales and supplements

This journal accepts advertising and inserts. We also provide bulk reprints of suitable papers to meet teaching or promotional requirements. The journal also publishes supplementary material including conference proceedings on behalf of academic and corporate sponsors. Please contact Katy Christomanou at Cambridge University Press for further details (email: kchristomanou@cambridge.org).

#### **Subscription information**

Public Health Nutrition is an international journal published 12 times per year by Cambridge University Press on behalf of the Nutrition Society. The online edition is available at journals.cambridge.org/PHN, with free table of contents alert (upon registration).

#### Annual subscription rates

Volume 15, 2012 (12 issues): Internet/print package: £813/\$1559 Americas only/€1303 EU only Internet only: £643/\$1219 Americas only/€1022 EU only

**Any supplements** to this journal published in the course of the annual volume are normally supplied to subscribers at no extra charge.

**Claims** for non-receipt of journal issues will be considered on their merit and only if the claim is received within six months of publication. Replacement copies supplied after this date will be chargeable.

**Advertising:** The Nutrition Society is willing to include advertisements in its journals. However, it will retain the right to make decisions on which advertisements are acceptable and

which are not, and will not be obliged to give reasons to prospective advertisers for its decisions. The appearance of an advertisement in the Society's journals does not imply endorsement by the Society. For further details, please contact Cambridge University Press.

**Back volumes** will be available in due course. Please contact Cambridge University Press for further information.

US POSTMASTERS: Please send address corrections to Public Health Nutrition Cambridge University Press 100 Brook Hill Drive West Nyack New York 10994–2133

**Notes for Authors** are available from the publisher at the given address and can be found inside the back cover.

**Offprints:** The author (or main author) of an accepted paper will receive a free PDF of their paper. Additional offprints are available for a fee and must be ordered at proof stage. **No page charges are levied by this journal.** 

**Copyright:** As of 1 January 2001 the copyright of all articles submitted to *Public Health Nutrition* are retained by the authors or their institutions. For articles prior to this date permission for reproduction of any part of the journal (text, figures, tables or other matter) in any form (on paper, microfiche or electronically) should be sought directly from the Society, at: The Editorial Office, The Nutrition Society, 10 Cambridge Court, 210 Shepherds Bush Road, Hammersmith, London, W6 7NJ, UK.

**Disclaimer:** The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable, but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk. Neither the Society, nor Cambridge University Press accepts responsibility for any trade advertisement included in this publication.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information. Typeset by Macmillan India Limited, Bangalore, India and Printed in Europe by Bell and Bain, Glasgow.

Public Health Nutrition is covered in Science Citation Index Expanded (Web of Science), Current Contents, Agriculture, Biology & Environmental Sciences, Current Contents, Clinical Medicine, CAB ABSTRACTS<sup>®</sup>, Global Health, Index Medicus<sup>®</sup> (MEDLINE<sup>®</sup>), EMBASE, Excerpta Medica, BIOSIS<sup>®</sup> Database and CINAHL<sup>®</sup> Database Public Health Nutrition participates in the following initiatives: HINARI by WHO and AGORA by FAO.

## Public Health Nutrition

## Notes for Authors

Public Health Nutrition (PHN) provides a forum for the presentation of original research findings and high quality reviews of key topics, and for discussion of and debate on of current issues and controversies. It also publishes special issues on major topics of interest. Our field includes research, scholarship, and discussions on public health nutrition, that take a population, health promoting and preventive approach. Papers that do not have this emphasis may be directed to more appropriate journals. Potential contributors are encouraged to read the aims and scope of the journal, and to note and follow the quidelines set out below.

#### Content:

- Original research findings and scientific reviews are published as full papers usually less than 5000 words, including references.
- Editorials express the opinion of the journal, as represented by its central editorial team, on topics judged by them to be important. Editorials, including guest editorials, are usually co-ordinated and developed by the editorial team.
- **Position papers,** including declarations and other statements of policy, may be invited or unsolicited.
- **Invited commentaries and book reviews** are expressions of opinion on a topical subject. These are commissioned by the members of the editorial team.
- **Letters to the Editors** are usually in response to material published in *PHN*. Submissions are sent to the author for comment and, when possible, published together with the author's reply.

**Submission:** PHN operates an online submission and reviewing system (eJournalPress). All manuscripts must be submitted online at http://phn.msubmit.net/. If any difficulties are encountered, please contact the Publications Office at phn@nutsoc.org.uk

Refereeing: Review articles and articles reporting original research are subject to external review by two or more referees who evaluate manuscripts based on their importance, relevance, and originality. Authors are asked to submit names and contact details (including email address) of up to four potential referees. All other contributions (editorials, position papers, invited commentaries, book reviews, and letters to the Editors) undergo an internal review process by at least two members of the editorial team. Invited commentaries and book reviews may also be checked externally as necessary to avoid technical errors and to improve salience.

**Copyright:** At the time of acceptance, authors will be asked to provide a completed copy of the 'Licence to Publish' (in lieu of copyright transfer), available at https://www.nutritionsociety. org/. It is the author's responsibility to obtain written permission to reproduce any material (including text and figures) that has appeared in another publication.

Preparation of manuscripts: Please refer to the full Directions to Contributors on our website (http://www.nutritionsociety. org). Manuscripts should be in clear and concise English, and spelling should follow the Oxford English Dictionary. For authors whose native tongue is not English, in-house editorial attention to their contributions will improve clarity. On acceptance, all contributions are subject to editorial amendment to conform to house style. Manuscripts should be prepared in a common word processing package (Word for Windows is preferred) in Times New Roman or other common typeface, prepared with double-spaced text, at least 2 cm margins, and page and line numbers. Standard abbreviations and SI units must be used.

#### Disclosure of financial support and any competing

**interests.** The submission must include a statement within an Acknowledgements section reporting any competing interests, all sources of funding, and the nature of the contribution of each author to the manuscript. If there are no competing interests, this must be stated. Authors are asked to provide this information during the submission process and should not include it as part of the manuscript to allow for double-blind reviewing.

#### Arrangement of papers:

- Title page should include the article title, author(s),
   affiliation(s), up to eight keywords, one author identified for
   correspondence (with full postal address, telephone and fax
   numbers, and email address), and a running title of up to
   45 characters. The title page should be submitted online as a
   separate cover letter, not as part of the manuscript, to enable
   double-blind reviewing.
- Abstract should be structured, usually using the following internal headings: Objective, Design, Setting, Subjects, Results, Conclusions. Abstracts should be intelligible without reference to text or figures and should not exceed 250 words.
- 3. Text should be divided under headings (typically to include Introduction, Methods, Results, Discussion and Conclusions), and sub-headings as appropriate. Conclusions should include recommendations that derive from the research and that are concrete, feasible, and potentially effective. Emphasising that more research is needed is usually not necessary unless there is specific reason to say so. All submissions must include a statement that the research was conducted in accordance with guidelines laid down by the Declaration of Helsinki and approved by an ethics review committee.
- 4. **Acknowledgements** (sources of funding, competing interests declaration, authorship responsibilities, acknowledgements) should be provided during the submission process, not as part of the manuscript.
- References should be in Vancouver style. Please refer to the full Directions to Contributors.
- 6. Tables should be reduced to the simplest form and should not be used where text or figures give the same information. Each table must be accompanied by a clear and concise caption that is comprehensible without reference to the text. Longer tables may be published online only.
- 7. Figures should be numbered, and legends should be provided. Each figure, with its legend, should be comprehensible without reference to the text and include definitions of abbreviations.

**Proofs:** Correspondence and proofs for correction will be emailed to the first named author unless otherwise indicated. The author will receive a PDF proof for checking. It is important that proofs be returned promptly. Authors may be charged for any alterations in excess of 10% of original setting.

**Offprints:** The corresponding author will receive a PDF of the published paper free of charge. Offprints are available to purchase and must be ordered before publication.

#### **PUBLIC HEALTH NUTRITION, VOLUME 15 - NUMBER 10**

In this issue		Severe food insecurity is associated with		Refined carbohydrate intake in relation
Interpreting success and failure in food fortification A Yngve, I Haapala, A Hodge, G McNeill and M Tseng	1789	obesity among Brazilian adolescent females G Kac, G Velásquez-Melendez, MM Schlüssel, AM Segall-Côrrea, AAM Silva and R Pérez-Escamilla	1854	to non-verbal intelligence among Tehrani schoolchildren AS Abargouei, N Kalantari, N Omidvar, B Rashidkhani, AH Rad, AA Ebrahimi, H Khosravi-Boroujeni
HOT TOPIC - Fortification		Maternal work hours in early to middle		and A Esmaillzadeh
Governments and academic institutions play vital roles in food fortification:		childhood link to later adolescent diet quality J Li, T O'Sullivan, S Johnson, F Stanley		Interventions  Predictive modelling of interventions to
iron as an example PWJ Harvey and O Dary	1791		1861	improve indine intake in New Zealand S Schiess, PJ Cressey and BM Thomson
Flour fortification with iron has no impac on anaemia in urban Brazilian children	t			Public policies
MCF Assunção, IS Santos, AJD Barros, DP Gigante and CG Victora	1796	Health and Nutrition Examination Survey (NHANES) 2003–2006		Guidelines for the New Nordic Diet C Mithril, LO Dragsted, C Meyer,
Anaemia in pregnant women before and after the mandatory fortification of		CE O'Neil, TA Nicklas, M Zanovec,	1071	E Blauert, MK Holt and A Astrup
wheat and corn flours with iron		<u> </u>	1871	Special groups
CL da Silva, C Saunders, SC Szarfarc, E Fujimori and GV da Veiga	1802	Breakfast habits among European adolescents and their association with		Dietary patterns are associated with dietary recommendations but have
Food fortification improves the intake of all fortified nutrients, but fails to meet the estimated dietary requirements for vitamins A and B <sub>6</sub> , riboflavin and zinc, in lactating South African women <i>PC Papathakis and KE Pearson</i>	1810	sociodemographic factors: the HELENA (Healthy Lifestyle in Europe by Nutrition in Adolescence) study L Hallström, CA Vereecken, I Labayen, JR Ruiz, C Le Donne, MC García, CC Gilbert, SG Martínez, E Grammatikaki, I Huybrechts, A Kafatos, M Kersting, Y Manios, D Molnár, E Patterson, K Widhalm, T De Vriendt, LA Moreno and M Sjöström, on behalf of the HELENA Study Group	<i>i,</i> 1879	limited relationship to BMI in the Communities Advancing the Studies of Tribal Nations Across the Lifespan (CoASTAL) cohort MK Fialkowski, MA McCrory, SM Roberts, JK Tracy, LM Grattan and CJ Boushey
Serum homocysteine and folate concentrations among a US cohort of adolescents before and after folic acid fortification DA Enquobahrie, HA Feldman,				Folate status and health behaviours in two Australian Indigenous populations in north Queensland M Li, R McDermott, K D'Onise and D Leonard
DH Hoelscher, LM Steffen, LS Webber, MM Zive, EB Rimm, MJ Stampfer and SK Osganian				Health economy
	1818	Association between body composition and conformity to the recommendations		The cost associated with disease-related malnutrition in Ireland
Assessment and methodology			1890	N Rice and C Normand
Non-traditional markers of metabolic risk in prepubertal children with different levels of cardiorespiratory fitness FJ Llorente-Cantarero, JL Pérez-Navero,				If you stock it, will they buy it? Healthy food availability and customer purchasing behaviour within corner stores in Hartford, CT, USA
J de Dios Benitez-Sillero, MC Muñoz-Villanueva, M Guillén-del Castillo and M Gil-Campos	1827	The Nordic Nutrition Recommendations and prostate cancer risk in the Cancer of the Prostate in Sweden (CAPS) study		KS Martin, E Havens, KE Boyle, G Matthews, EA Schilling, O Harel and AM Ferris
Enidemiology		E Möller, C Galeone, H-O Adami,		

## Epidemiology

Dietary trends in the Middle East and North Africa: an ecological study (1961 to 2007) M Golzarand, P Mirmiran, M Jessri, K Toolabi, M Mojarrad and F Azizi 1835

Differences in vitamin D status and calcium metabolism in Saudi Arabian boys and girls aged 6 to 18 years: effects of age, gender, extent of veiling and physical activity with concomitant implications for bone health MA Al-Ghamdi, SA Lanham-New and JA Kahn 1845

K Jaceldo-Siegl and GE Fraser Gender-specific relationships between alcohol drinking patterns and metabolic syndrome: the Korea National Health and Nutrition Examination Survey 2008 K Lee

J Adolfsson, TM-L Andersson, R Bellocco,

H Grönberg, LA Mucci and K Bälter

Vegetarian diets and blood pressure

among white subjects: results from

the Adventist Health Study-2 (AHS-2) BJ Pettersen, R Anousheh, J Fan,

Cambridge Journals Online For further information about this journal please go to the journal website at: journals. cambridge.org/phn

entions to Zealand Thomson 1932

1925

1941

1948

1959

1966

1973





MIX Paper from responsible sources FSC® C007785

1897

1909

1917

