

CAMBRIDGE

JOURNALS

BJN

BRITISH JOURNAL OF NUTRITION

Editor-in-Chief

G C Burdge, *University of Southampton, UK*

British Journal of Nutrition is a leading international peer-reviewed journal covering research on human and clinical nutrition, animal nutrition and basic science as applied to nutrition. The journal recognises the multi-disciplinary nature of nutritional science and includes material from all of the specialities involved in nutrition research, including molecular and cell biology, and the emerging area of nutritional genomics.

journals.cambridge.org/bjn

Submit your article online
bjn.msubmit.net

Register for free content alerts
journals.cambridge.org/bjn-alerts



Impact Factor
3.302

Ranked **18/76**
Nutrition and Dietics

2012 Journal Citation Reports®
Thomson Reuters

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 18, 2015 ISSN: 1368-9800
journals.cambridge.org/phn

Publishing, Production, Marketing, and Subscription Sales Office:

Cambridge University Press
Journals Fulfillment Department
University Printing House
Shaftesbury Road
Cambridge CB2 8BS
UK

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 Sarah Maddox at Cambridge University Press for further details (email: smaddox@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 18, 2015 (18 issues):
Internet/print package: £1276/\$2448 Americas only/€2045 EU only
Internet only: £924/\$1752 Americas only/€1469 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
USA

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[®], Global Health, Index Medicus[®] (MEDLINE[®]), EMBASE, Excerpta Medica, BIOSIS[®] Database and CINAHL[®] Database
Public Health Nutrition participates in the following initiatives: HINARI by WHO and AGORA by FAO.

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 guidelines set out below.

Content:

- **Original research findings and scientific reviews** are published as full papers usually less than 5000 words, not including the abstract, references, tables, figures and acknowledgements.
- **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. All manuscripts should be submitted to <http://mc.manuscriptcentral.com/phnutr>. Please contact the Editorial Office on phn.edoffice@cambridge.org regarding any other types of submission.

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.nutritionociety.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.nutritionociety.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:

1. **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.
2. **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.
5. **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.

Obituary

Obituary Professor Fergus Lowe
BE Mikkelsen 1525

Editorial

Programmes, policies and implementation
M Tseng and A Nazmi 1526

Optimizing child-focused nutrition policies: considerations and controversies
DL Olstad and K Ball 1528

HOT TOPIC – Implementation of programs and policies

Implementation evaluation of school-based obesity prevention programmes in youth; how, what and why?
F van Nassau, AS Singh, W van Mechelen, J Brug and MJM Chinapaw 1531

Trayless cafeterias – less salad and more dessert
B Wansink and DR Just 1535

An intervention for improving the lifestyle habits of kindergarten children in Israel: a cluster-randomised controlled trial investigation
L Lerner-Geva, E Bar-Zvi, G Levitan, V Boyko, B Reichman and O Pinhas-Hamiel 1537

Students' beliefs and behaviour regarding low-calorie beverages, sweets or snacks: are they affected by lessons on healthy food and by changes to school vending machines?
PL Kocken, NMC van Kesteren, G Buijs, J Snel and E Dusseldorp 1545

Pre-school manager training: a cost-effective tool to promote nutrition- and health-related practice improvements in the Irish full-day-care pre-school setting
CJ Molloy, J Kearney, N Hayes, CG Slattery and C Corish 1554

'It's just so much waste.' A qualitative investigation of food waste in a universal free School Breakfast Program
SA Blondin, HC Djang, N Metayer, S Anzman-Frasca and CD Economos 1565

Beyond the randomised controlled trial and BMI – evaluation of effectiveness of through-school nutrition and physical activity programmes
E Rush, S McLennan, V Obolonkin, R Cooper and M Hamlin 1578

School nutrition guidelines: overview of the implementation and evaluation
M Gregorič, L Pograjc, A Pavlovec, M Simčič and MG Blenkuš 1582

Organizational characteristics and processes are important in the adoption of the Alberta Nutrition Guidelines for Children and Youth in child-care centers
AP Farmer, H Nikolopoulos, L McCargar, T Berry and D Mager 1593

Implementation of A Better Choice Healthy Food and Drink Supply Strategy for staff and visitors in government-owned health facilities in Queensland, Australia
J Miller, A Lee, N Obersky and R Edwards 1602

An implementation intervention to encourage healthy eating in centre-based child-care services: impact of the Good for Kids Good for Life programme
AC Bell, L Davies, M Finch, L Wolfenden, JL Francis, R Sutherland and J Wiggers 1610

Evaluation of compliance to national nutrition policies in summer day camps
F Tilley, MW Beets, S Jones and G Turner-McGrievy 1620

Shorter lunch breaks lead secondary-school students to make less healthy dietary choices: multilevel analysis of cross-sectional national survey data
N Townsend 1626

Do schools in Quebec foster healthy eating? An overview of associations between school food environment and socio-economic characteristics
P Morin, K Demers, É Robitaille, A Lebel and S Bisset 1635

The relationship between school lunch attendance and the food intakes of French schoolchildren aged 3–17 years
C Dubuisson, S Lioret, A Dufour, G Calamassi-Tran, J-L Volatier, L Lafay and D Turck 1647

Monitoring and surveillance

Nutritional status as assessed by nutrient intakes and biomarkers among women of childbearing age – is the burden of nutrient inadequacies growing in America?
D Rai, JK Bird, MI McBurney and KM Chapman-Novakofski 1658

An evaluation of the effectiveness of the flour iron fortification programme in Brazil
Q dos Santos, EAF Nilson, EV Junior and R Sichier 1670

Nutritional epidemiology

The relationship between anthropometric indices and type 2 diabetes mellitus among adults in north-east China
W Wei, X Xin, B Shao, F-F Zeng, EJ Love and B-Y Wang 1675

Associations of serum 25-hydroxycholecalciferol and parathyroid hormone with serum lipids differ by sex and vitamin D status
A Jungert, HJ Roth and M Neuhäuser-Berthold 1684

Prevalence of thyroid dysfunction with adequate and excessive iodine intake in Hebei Province, People's Republic of China
L Tan, Z Sang, J Shen, H Liu, W Chen, N Zhao, W Wei, G Zhang and W Zhang 1692

Economics and environment

Is the number of fast-food outlets in the neighbourhood related to screen-detected type 2 diabetes mellitus and associated risk factors?
DH Bodicoat, P Carter, A Comber, C Edwardson, LJ Gray, S Hill, D Webb, T Yates, MJ Davies and K Khunti 1698

Corner store purchases made by adults, adolescents and children: items, nutritional characteristics and amount spent
MR Lent, SV Veur, G Mallya, TA McCoy, TA Sanders, L Colby, CR Tewksbury, HG Lawman, B Sandoval, S Sherman, J Wylie-Rosett and GD Foster 1706

Corrigendum

Differential effects of the computer-tailored FATaintPHAT programme on dietary behaviours according to sociodemographic, cognitive and home environmental factors – CORRIGENDUM
NPM Ezendam, J Brug, G Borsboom, P van Empelen and A Oenema 1713

Erratum

Trayless cafeterias lead diners to take less salad and relatively more dessert – ERRATUM
B Wansink and DR Just 1714

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

