

**Nutrition communication**

- Consumption of foods with the Keyhole front-of-pack nutrition label: potential impact on energy and nutrient intakes of Swedish adolescents  
*Julia Wanselius, Christel Larsson, Christina Berg, Veronica Öhrvik, Anna Karin Lindroos and Lauren Lissner* 3279

**Behavioural nutrition**

- Dietary intake and educational outcomes among Australian university students: cross-sectional and longitudinal associations  
*Lena Babaer, Michalis Stylianou, Jacqueline L Walker and Sjaan R Gomersall* 3291
- Food security and feeding behaviours in low-income, Latinx families with preschool-aged children  
*Byron A Foster, Deanna Linville, Emma Rose Miller-Bedell and Hannah Mahjoub* 3306
- Would offering vegetables to children for breakfast increase their total daily vegetable intake?  
*Chris J McLeod, Emma Haycraft and Amanda J Daley* 3312
- The impact of a healthy checkout intervention on fruit and vegetable 'micro-pack' purchases in New Mexico  
*Stephanie Rogus, Joanne Guthrie, Mihai Niculescu and Lina Xu* 3317
- Ultra-processed food consumption and dietary, lifestyle and social determinants: a path analysis in Brazilian graduates (CUME project)  
*Jéssica Bevenuto Mattar, Ana Luiza Gomes Domingos, Helen Hermana Miranda Hermsdorff, Leidjaira Lopes Juvanhol, Fernando Luiz Pereira de Oliveira, Adriano Marçal Pimenta and Josefina Bressan* 3326
- Perceived facilitators and barriers to healthy dietary behaviour in adults with type 2 diabetes mellitus in Kenya: a qualitative study  
*Moses Mokaya, Eddah Saruni, Florence Kyallo, Roman Vangoitsenhoven and Christophe Matthys* 3335
- Parental food consumption and diet quality and its association with children's food consumption in families at high risk of type 2 diabetes: the Feel4Diabetes-study  
*Lubna Mahmood, Luis A Moreno, Paloma Flores-Barrantes, Christina Mavrogiani, Peter Schwarz, Konstantinos Makrilakis, Stavros Liatis, Greet Cardon, Ruben Willems, Imre Rurik, Sándorné Radó, Tsvetalina Tankova, Violeta Iotova, Natalya Usheva, Yannis Manios and Esther M Gonzalez-Gil on behalf of the Feel4Diabetes-Study Group* 3344

**Nutritional epidemiology**

- Breakfast skipping and cognitive and emotional engagement at school: a cross-sectional population-level study  
*Hero Moller, Alanna Sincovich, Tess Gregory and Lisa Smithers* 3356
- Time trends and social inequalities in child malnutrition: nationwide estimates from Brazil's food and nutrition surveillance system, 2009–2017  
*Rita de Cássia Ribeiro-Silva, Natanael de Jesus Silva, Mariana Santos Felisbino-Mendes, Ila Rocha Falcão, Rafaella da Costa Santin de Andrade, Sara Araújo Silva, Eduardo Augusto Fernandes Nilson, Ana Maria Spaniol, Rosemeire Leovigildo Fiaccone, Enny Paixão, Maria Yury Travassos Ichihara, Gustavo Velasquez-Melendez and Maurício Lima Barreto* 3366

- Sociodemographic disparities and contextual factors in obesity: updated evidence from a National Survey of Risk Factors for Chronic Diseases  
*Sonia Alejandra Pou, Maria Del Pilar Diaz, Guillermo Angel Velázquez and Laura Rosana Aballoy* 3377

- Association of dietary intake of branched-chain amino acids with long-term risks of CVD, cancer and all-cause mortality  
*Binbin Xu, Meng Wang, Liyuan Pu, Chang Shu, Lian Li, and Liyuan Han* 3390

- Association of soybean-based food with the prevalence of anaemia among reproductive-aged men and women in rural Central Java, Indonesia  
*Callum Lowe, Haribondhu Sarma, Matthew Kelly, Johanna Kurscheid, Budi Laksone, Salvador Amaral, Donald Stewart and Darren Gray* 3401

- Birth cohort differences in height, weight and BMI among Indian women aged 15–30 years: analyses based on three cross-sectional surveys  
*Swapna Deshpande, Tarja I Kinnunen and Sangita Kulathinal* 3410

- Where and when are portion sizes larger in young children? An analysis of eating occasion size among 1.5–5-year-olds in the UK National Diet and Nutrition Survey (2008–2017)  
*Alice Porter, Zoi Toumpakari, Ruth Kipping, Carolyn Summerbell and Laura Johnson* 3420

- The association between an energy-adjusted dietary inflammatory index and inflammation in rural and urban Black South Africans  
*Maylene Ferreira, H Toinét Cronjé, Tertius van Zyl, Nicola Bondonno and Marlien Pieters* 3432

- Racial/ethnic differences in maternal feeding practices and beliefs at 6 months postpartum  
*Tayla von Ash, Anna Alikhani, Cynthia Lebron and Patricia Markham Risica* 3445

- Breast-feeding, rapid growth in the first year of life and excess weight at the age of 2 years: the 3D Cohort Study  
*Lise Dubois, Cindy Feng, Brigitte Bédard, Yamei Yu, Zhong-Cheng Luo, Isabelle Marc and William D Fraser* 3455

- Serum antioxidant status and mortality from influenza and pneumonia in US adults  
*Habyeong Kang, Howard Hu and Sung Kyun Park* 3466

- Association of Dietary Approaches to Stop Hypertension diet and Mediterranean diet with blood pressure in less-developed ethnic minority regions  
*Suyao Dai, Xiong Xiao, Chuanzhi Xu, Yan Jiao, Zixiu Qin, Jiantong Meng, Haojiang Zuo, Peibin Zeng, Dan Tang, Xinyu Wu, Qucuo Nima, Deji Quzong, and Xing Zhao on behalf of the China Multi-Ethnic Cohort Study Collaborative Group* 3476

- Prevalence and factors associated with overweight or obesity among 2- to 6-year-old children in Hunan, China: a cross-sectional study  
*Na Liu, Huixia Li, Zhanjun Guo, Xin Chen, Peng Cheng, Bian Wang, Guangwen Huang, Minxue Shen, Qian Lin and Jing Wu* 3487

- Characterisation of anaemia amongst school going adolescent girls in rural Haryana, India  
*Aakriti Gupta, Harshpal Singh Sachdev, Umesh Kapil, Shyam Prakash, Ravindra Mohan Pandey, Hem Chandra Sati, Lokesh Kumar Sharma and Priti Rishi Lal* 3499

- Coffee and caffeine intake in relation to symptoms of psychological disorders among adults  
*Saeedeh Nouri-Majd, Asma Salari-Moghaddam, Ammar Hassanzadeh Keshteli, Hamid Afshar, Ahmad Esmailzadeh and Peyman Adibi* 3509

- Food insecurity and physical functioning in Boston area Puerto Rican older adults  
*Lillian Kuehl, Jong Soo Lee, Deepika Dinesh, Muzi Na, Katherine L Tucker and Natalia Palacios* 3520

**Economics and environment**

- Socio-economic inequalities in the consumption of fruits and vegetables in Peru between 2014 and 2019  
*Akram Hernández-Vásquez, Fabriccio J Visconti Lopez and Rodrigo Vargas-Fernández* 3527

- Exploring the associations between neighbourhood food environment, household food insecurity and child weight-related outcomes in socio-economically and racially/ethnically diverse families  
*Sarthak Agarwal, Angela R Fertig, Amanda C Trofholz, Allan D Tate, Jenna Robinson and Jerica M Berge* 3538

**Interventions**

- Implementation of food education in school environments improves pupils' eating patterns and social participation in school dining  
*Aija L Laitinen, Amma Antikainen, Santtu Mikkonen, Kaisa Kähkönen, Sanna Talvia, Silja Varjonen, Salla Paavola, Leila Karhunen and Tanja Tilles-Tirkkonen* 3548

**Public policies**

- The (scarce and circumscribed) culinary content in food-based dietary guidelines around the world, 1991–2021  
*Mariana Fernandes Brito de Oliveira, Carla Adriano Martins and Inês Rugani Ribeiro de Castro* 3559
- The corporate capture of the nutrition profession in the USA: the case of the Academy of Nutrition and Dietetics  
*Angela Carriedo, Ilana Pinsky, Eric Crosbie, Gary Ruskin and Melissa Mialon* 3568

**Sustainability**

- The importance of protein variety in a higher quality and lower environmental impact dietary pattern  
*Bradley G Ridoutt, Danielle Baird and Gilly A Hendrie* 3583

Cambridge Core For further information about this journal please go to the journal website at: [cambridge.org/phn](http://cambridge.org/phn)