

Economics of Obesity Special Interest Group Newsletter November 2023

Here is our brief update on economics of obesity related activities from around our regions.

IHEA CONFERENCE CAPE TOWN

Clearly the highlight this year was the 15th iHEA Congress in Cape Town, which was attended by 1300 delegates with a further 184 virtually, from 97 countries.

Our Economics of Obesity SIG had one organised session (2816) : “New Developments in the Economic Evaluation of Obesity Prevention in High, Middle and Low Income settings” with presentations by Anagha Killedar, Mary Wanjau and Wansuda Ngam-a-roon.

We also had an Economics of Obesity SIG networking session, run by Anagh Killedar and Olufunke Alaba.

During the networking session, we had powerpoint slides running in the background, showcasing research groups from all over the world. We will upload these to the website as a means of connecting with other researchers. If you would like your research groups to be profiled on our SIG page of the website, please contact me.

Pictures from the 15th IHEA Congress –



Other news:

University of Birmingham, The Institute of Advanced Studies Vanguard Fellow 2023

Dr. Olufunke Alaba, a senior lecturer at the Health Economics Unit, University of Cape Town, South Africa is a recipient of the Vanguard Fellow at the University of Birmingham. Hosted by Professor Emma Frew, Health Economics Unit, Institute of Applied Health Research, University of Birmingham. Funke will be in Birmingham, UK working with Emma's team until 2nd December.

Publications from around the world

Australia

Williams K, Maston G, Schneuer FJ, Nassar N. Impact of specialized obesity management services on the reduction in the use of acute hospital services. *Clin Obes*. 2023 Oct;13(5):e12592. doi: 10.1111/cob.12592. Epub 2023 Apr 27. PMID: 37102335.

Haregu T, Lee JT. The association between obesity, health service use, and work productivity in Australia: a cross-sectional quantile regression analysis. *Sci Rep*. 2023 Apr 24;13(1):6696. doi: 10.1038/s41598-023-33389-4.

UK/Europe

Bojke C, Capucci S, Haase CL, Hartvig NV, Sommer Matthiessen K, Morgen CS, Rendon A, Pearson-Stuttard J. Association between weight loss and health care resource utilization in adults living with obesity: Evidence from a UK primary care database. *Diabetes Obes Metab*. 2023 Dec;25(12):3611-3620. doi: 10.1111/dom.15256. Epub 2023 Sep 10. PMID: 37691253.

Hoogendoorn M, Galekop M, van Baal P. The lifetime health and economic burden of obesity in five European countries: what is the potential impact of prevention? *Diabetes Obes Metab*. 2023 Aug;25(8):2351-2361. doi: 10.1111/dom.15116. Epub 2023 May 24. PMID: 37222003.

Candio, P., Mujica, F.P. & Frew, E. Socio-economic accounting of inequalities in excess weight: a population-based analysis. *BMC Public Health* **23**, 721 (2023).

<https://doi.org/10.1186/s12889-023-15592-0>

Candio P, Frew E (2023) How much behaviour change is required for the investment in cycling infrastructure to be sustainable? A break-even analysis. *PLoS ONE* 18(4): e0284634.

<https://doi.org/10.1371/journal.pone.0284634>

USA

Salgado-Hernandez JC, SW Ng, Sally C. Stearns, J Trogon. 2023. "Cost-Benefit Analysis of Alternative Tax Policies on Sugar-Sweetened Beverages in Mexico". *PLoS One* 18(10)13pp. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0292276>

Smith NR, SW Ng, K Hassmiller Lich, MG Hall, JG Trogon, L Frerichs. 2023. "Describing and assessing the costs of sugary drink policies using mixed methods and stakeholder engagement." *Journal of Public Health Policy*. ~10pp. <https://doi.org/10.1057/s41271-023-00435-4>

Nagi, M.A., Ahmed, H., Rezq, M.A.A. et al. Economic costs of obesity: a systematic review. *Int J Obes* (2023). <https://doi.org/10.1038/s41366-023-01398-y>

Boachie, M.K., Molete, M., Hofman, K. et al. Cost-effectiveness of dental caries prevention strategies in South African schools. *BMC Oral Health* 23, 814 (2023). <https://doi.org/10.1186/s12903-023-03474-1>