



**This blog is reproduced here from The New Public Health, fourth edition, 2023. On-line version for lecturers and course leaders.** With the kind permission of the authors: Theodore H.

Tulchinsky, Elena A. Varavikova, and Matan J. Cohen and the publisher: Academic Publishing Earth & Environmental Science Textbooks **ELSEVIER**

**DISCOUNT CODES for ASPHER, WFPHA, ASPPH and GNAPH members**

30% off any number of copies: ATR30

40% off for 25 copies or more: BULK25

50% off for 50 copies or more: BULK50

**URL INFORMATION & ORDERS: [The New Public Health - 4th Edition \(elsevier.com\)](https://www.elsevier.com)**

## **The New Public Health edition 4, online resources from ASPHER, the Association of Schools of Public Health in the European Region**

**John Middleton, Immediate Past President, Association of Schools of Public Health in the European Region, July 21st 2023**

### **General Support material**

The Association of Schools of Public Health in the European Region (ASPHER) is the key independent European organisation dedicated to improving and protecting the public health by strengthening education and training of public health professionals for both practice and research.

ASPHER Generic resources relating to the teaching and practice of public health, and public health systems and professional capacity and workforce development.

ASPHER Programme for Public Health competencies.

<https://www.aspher.org/aspher-programme-for-public-health-competencies.html>

Competency Framework for the Public Health Workforce in the European region. [https://www.euro.who.int/\\_data/assets/pdf\\_file/0003/444576/WHO-ASPHER-Public-Health-Workforce-Europe-eng.pdf](https://www.euro.who.int/_data/assets/pdf_file/0003/444576/WHO-ASPHER-Public-Health-Workforce-Europe-eng.pdf)

WHO-ASPHER Competency framework webinar recording, September 11<sup>th</sup> 2020. Posted October 29<sup>th</sup> 2020.

<https://dreambroker.com/channel/usef75hm/32q3xmwi>

World Health Organization European Office and Association of Schools of Public Health in the European Region (ASPHER) Roadmap to professionalizing the public health workforce in the European Region. Copenhagen: WHO Regional Office for Europe; 2022. Licence: CC BY-NC-SA 3.0 IGO. Available at:

<https://apps.who.int/iris/handle/10665/351526>

<https://apps.who.int/iris/bitstream/handle/10665/351526/WHO-EURO-2022-4808-44517-63144-eng.pdf?sequence=1&isAllowed=y>

Treviño-Reyna G, Czabanovska K, Haque S, Plepys CM, Magana L, Middleton J. Employment outcomes and job satisfaction of international public health professionals: What lessons for public health and COVID-19 pandemic preparedness? Employment outcomes of public health graduates. <https://onlinelibrary.wiley.com/doi/10.1002/hpm.3140>

Basic terms booklet: What is inequality?

[https://www.aspher.org/download/515/what\\_is\\_inequality.pdf](https://www.aspher.org/download/515/what_is_inequality.pdf)

Akbulut N, Limaro Nathan N, Dhonkal R, Davidovitch N, Middleton J, Razum O. ASPHER statement on racism and health: racism and discrimination obstruct public health's pursuit of health International Journal of Public Health.

<https://link.springer.com/article/10.1007/s00038-020-01442-y>

Wandschneider L, Namer Y, Otok R, Middleton J, Razum O. Teaching Diversity in Public Health Through a Transformative Approach—An ASPHER Initiative. *Frontiers in Public Health*. 2020;8(733).

<https://www.frontiersin.org/articles/10.3389/fpubh.2020.588111/full>

Diversity competencies series recent papers by Judit Namer and others

<https://www.aspher.org/download/1382/diversity-syllabi.pdf>

- Wandschneider, L., Namer, Y., Otok, R., Middleton, J., & Razum, O. (2020). Teaching Diversity in Public Health Through a Transformative Approach-An ASPHER Initiative. *Front Public Health*, 8, 588111. <https://doi.org/10.3389/fpubh.2020.588111->
- Wandschneider, L., Podar, D., Wetzell, L., Luetke Lanfer, H, Skrypnikova, O, Razum, O, Selig, S, & Namer, Y. (2022). Syllabi collection on diversity and intersectionality in public health: reflecting on the development. *European Journal of Public Health*, 32(Supplement\_3)<https://doi.org/10.1093/eurpub/ckac131.382> --> link to the poster: <https://uni-bielefeld.sciebo.de/s/rBsj3D6rls2ZH4q>
- Free Zotero library with all the material we used in our syllabi collection:[https://www.zotero.org/groups/4972470/aspher\\_diversity\\_syllabi\\_collection/library](https://www.zotero.org/groups/4972470/aspher_diversity_syllabi_collection/library)

Czabanowska K, Middleton J, Professionalism of the public health workforce – how to make it happen? *Journal of Public Health*, Volume 44, Issue Supplement\_1, November 2022, Pages i54–i59, <https://doi.org/10.1093/pubmed/fdac091>

In: SUPPLEMENT: Volume 44, Issue Supplement\_1, November 2022; Public health professionals delivering better health for all - 50 years of the Faculty of Public Health. [https://academic.oup.com/jpubhealth/issue/44/Supplement\\_1](https://academic.oup.com/jpubhealth/issue/44/Supplement_1)

Hunter MB, Ogunlayi F, Middleton J, et al. Strengthening capacity through competency- based education and training to deliver the essential public health functions: reflection on roadmap to build public health workforce. *BMJ Global Health* 2023;8:e011310. doi:10.1136/ bmjgh-2022-011310  
<https://gh.bmj.com/content/bmjgh/8/3/e011310.full.pdf>

## Chapter 1.

### History of public health

Middleton J. Where has public health been for the last 500 years? Royal College of Physicians of London History of *Medicine* Conference, RCP London, October 26<sup>th</sup> 2018.  
<https://www.slideshare.net/johnmiddleton7965/where-has-public-closing-remarkshealth-been-in-the-last-500-years>

The future's bright, the future's public health. Wolverhampton University, inaugural lecture. At Health Futures University Technical College, West Bromwich, November 15<sup>th</sup> 2017.  
<https://www.slideshare.net/johnmiddleton7965/the-futures-bright-the-futures-public-health>

Middleton J. Happy 200<sup>th</sup> birthday, Louis Pasteur. ASPHER members blog, December 20<sup>th</sup> 2022. <https://www.aspher.org/articles,4,159.html>

Middleton J, Sogoric S. Happy 75th Birthday World Health Organization *BMJ* 2023;381:p812 doi:10.1136/bmj.p812

## Chapter 2 Expanding Concepts of public health

### *Economic development and health*

Middleton J. The 2017 Milroy Lecture: Secure, healthy, inclusive and green – four dividends of a healthier future. January 19<sup>th</sup> 2022.  
<https://betterhealthforall.org/2022/01/19/the-2017-milroy-lecture-secure-healthy-inclusive-and-green-four-dividends-of-a-healthier-future/> Accessed February 22<sup>nd</sup> 2022. <https://www.fph.org.uk/media/3437/20220112-final-full-including-references-jdm-lecture-2.pdf>

### *Community development and health*

Sogoric S, Middleton J, Lang S, Ivankovic D, Kern J. A naturalistic inquiry on the impact of interventions aiming to improve health and the quality of life in the community. *Social sciences and medicine* 2005; 60:153-164.

Middleton JD, Dimond C. Sandwell health puts on its SHOES. *Medicine, conflict and global survival*, 1998;14:331-336 reprinted, June 2008. 24, supplement 1 April-June 2008.S7-12.

<https://www.tandfonline.com/doi/abs/10.1080/13623690801957281>

### *Environmental justice, environmental health and ecological public health*

Middleton J. Saunders P. 20 years of local ecological public health: the experience of Sandwell in the English West Midlands. *Public Health* 2015;129: 1344–1352.

<http://www.sciencedirect.com/science/article/pii/S0033350615003303>

### *Planetary health*

Planetary health or Plexit? Inter-Island Public Health Forum, Gibraltar, October 18<sup>th</sup> 2018. <https://www.slideshare.net/johnmiddleton7965/181017-long-version-middleton-j-planetary-health-or-plexit-iiphf-gibraltar>

## **Chapter 3 Measuring, monitoring and evaluating the health of a population**

ASPHER How to count illness. Second edition

<https://www.aspher.org/download/633/how-to-count-illness-2nd-edition.pdf>

1<sup>st</sup> Edition, translated in 10 languages. <https://www.aspher.org/how-to-count-illness.html>

Basic terms booklet: What is inequality?

[https://www.aspher.org/download/515/what\\_is\\_inequality.pdf](https://www.aspher.org/download/515/what_is_inequality.pdf)

## **Chapter 4 Communicable diseases**

European Centre for Disease Prevention and Control. Core competencies in applied infectious disease epidemiology in Europe. Stockholm: ECDC; 2022. ISBN 978-92-9498-570-5

doi: 10.2900/657328

Catalogue number TQ-08-22-100-EN-N

News item: <https://www.ecdc.europa.eu/en/news-events/core-competencies-applied-disease-epidemiology-europe-facilitating-collaboration-and>

Report: <https://www.ecdc.europa.eu/en/publications-data/core-competencies-applied-infectious-disease-epidemiology-europe>

Self-assessment tool: <https://eva.ecdc.europa.eu/course/view.php?id=635>

**Main page:** <https://www.ecdc.europa.eu/en/training-programmes/training-public-health-professionals/core-competencies>

Plymoth A, Codd MB Barry J, Boncan A, Bosman A, Conyard KF, Czabanowska K, Davidovitch N, Filipe R, Gonzalez L, Leighton L, Middleton J, Ndirangu M, Otok R, Reid J, Reintjes R, Shickle D, Syed S, Wall P, Pommier J. Core competencies in applied infectious disease epidemiology: a framework for countries in Europe. *Eurosurveillance*, 28, 2200517 (2023), <https://doi.org/10.2807/1560-7917.ES.2023.28.6.2200517>

(Commissioned by ECDC, from ASPHER)

ASPHER COVID-19 TASK FORCE WEB PORTAL: <https://www.aspher.org/covid-19-task-force.html>

Middleton JD, Martin-Moreno JM, Chambaud L, Signorelli C, Barros H. ASPHER statement on the novel coronavirus disease (COVID-19) outbreak emergency. <https://link.springer.com/article/10.1007/s00038-020-01362-x> and <https://www.aspher.org/aspher-covid19-statement-signatories.html> (accessed March 30th 2020)

Middleton J, Lopes H, Reintjes R. Meat plants- a new front for the COVID-19 pandemic. *BMJ* 2020;370:m2716 <http://dx.doi.org/10.1136/bmj.m2716>

Middleton J, Lopes H. With covid-19, single measures aren't enough *BMJ* 2021; 375 :n3157 doi:10.1136/bmj.n3157 <https://www.bmj.com/content/375/bmj.n3157>

McKee M, Middleton J. Information wars: tackling the threat from disinformation on vaccines. *BMJ* 2019; 365: 2144. <https://www.bmj.com/content/365/bmj.l2144> accessed May 14th 2019. <https://www.bmj.com/content/bmj/365/bmj.l2144.full.pdf>

Vaccines-saving lives in millions. Presentation as an invited keynote lecture held at the Spanish Forum of Vaccination and Public Health, Alcalá de Henares, Madrid, Spain, on the 18th of October, 2021. Delivered via video recording.

Slideshow: <https://www.slideshare.net/johnmiddleton7965/vaccinations-saving-lives-in-millions>

**Presentation:**

[https://www.dropbox.com/s/uhnwkhwktcjl6d6/211013%20%20middletonj%20%20Spanish%20vaccine%20and%20public%20health%20forum%20zooom\\_0.mp4?dl=0](https://www.dropbox.com/s/uhnwkhwktcjl6d6/211013%20%20middletonj%20%20Spanish%20vaccine%20and%20public%20health%20forum%20zooom_0.mp4?dl=0)  
<https://vimeo.com/manage/videos/644300844>

**Chapter 5 Non-communicable diseases**

Tulchinsky T, Dhonkal R, Leighton L, Middleton J. Vitamin D for Preventive and Adjunct Therapy for Mitigation of Early Stages of Severe Acute Respiratory Syndrome due to COVID-19 (SARS-CoV-2) ASPHER, November 30<sup>th</sup> 2020. Available at: [https://www.aspher.org/download/528/covid19-vitamin\\_d-aspher.pdf](https://www.aspher.org/download/528/covid19-vitamin_d-aspher.pdf)

#### *Long COVID syndromes*

Beccia F, Davidovitch n, McCallum A, Simon J, Reid J. How are inequalities in health from Long COVID being exacerbated and what are the strategic implications for more equitable support for those with enduring clinical sequelae of infection? ASPHER Statement June 2022  
[https://www.aspher.org/download/1139/inequalities\\_in\\_health\\_long\\_covid.pdf](https://www.aspher.org/download/1139/inequalities_in_health_long_covid.pdf)

#### *Support for the Nutriscore*

Campaign to implement Nutriscore in the European Union: led by SCSP French Public Health Association. Prof Serge Hercberg, Dr Mathilde Touvier, Prof Jordi Salas-Salvado  
cc Call, list of updated signatories and scientific text  
All these information are the websites:

<https://nutriscore.blog/category/papers-in-english/>  
<http://www.nutricio.urv.cat/ca/divulgacio/etiquetatge-frontal/>

<https://nutriscore.blog/2021/03/16/list-of-the-first-signatories-of-the-call-supporting-the-implementation-of-nutri-score-in-europe/>

## Chapter 6 Family health

### *Children, COVID and masks*

Lopes H, Middleton J, De Guchtenaere A and Hadjipanayis A (2021) COVID-19 and the Use of Masks by Children. Statement From the Association of Schools of Public Health in the European Region and the European Academy of Paediatrics. Front. Pediatr. 9:580150. doi: 10.3389/fped.2021.580150 Available at:  
[https://www.frontiersin.org/articles/10.3389/fped.2021.580150/full?utm\\_source=Email\\_to\\_authors&utm\\_medium=Email&utm\\_content=T1\\_11.5e1\\_author&utm\\_campaign=Email\\_publication&field=&journalName=Frontiers\\_in\\_Pediatrics&id=580150](https://www.frontiersin.org/articles/10.3389/fped.2021.580150/full?utm_source=Email_to_authors&utm_medium=Email&utm_content=T1_11.5e1_author&utm_campaign=Email_publication&field=&journalName=Frontiers_in_Pediatrics&id=580150)

### *Healthy ageing*

Proceedings of the Better future for healthy ageing conference. Journal of the Croatian Medical Association and EU Croatian presidency. LIJEČ VJESN 2020; godište 142; supplement 1; 3–25 (Contributions also from ASPHER members including Prof Josip Figueras, (European Observatory), Prof Jose-Maria Martin-Moreno (Valencia), Professor Mirjana Kujundzic Tiljak (Zagreb)

Middleton J. Public Health Challenges for Healthcare Systems in Ageing Societies – Dying Young as Old as Possible. Better future for healthy ageing. Zagreb, virtually EC Horizon 2020 conference June 3-5<sup>th</sup> 2020. <https://www.slideshare.net/johnmiddleton7965/dying-young-as-old-as-possible-challenges-for-public-health/johnmiddleton7965/dying-young-as-old-as-possible-challenges-for-public-health>

And <https://www.dropbox.com/s/xq97vev913k34g9/2020-05-31%20%20middletonj%20%20Zagreb%20better%20future%20for%20healthy%20ageing.mkv?dl=0>

Presentation on Youtube : <https://bfha2020.hr/day-2>

### *ASPHER statements on Primary care investment post pandemic*

Lopes H, McCallum A, Martin-Moreno JM, Middleton J. Invest in primary health care and public health for the pandemic and beyond: an ASPHER statement. Public Health Rev, 30 May 2022. <https://doi.org/10.3389/phrs.2022.1604875>

Ndayashimiye Costase. Lopes H, Middleton J. Digital health technologies during the COVID\_19. A new normal in primary health care. Preprint. Researchsquare. June 9th 2022 <https://assets.researchsquare.com/files/rs-1731767/v1/3601ebf6-2dd9-4035-ae7-d58a9d14a93c.pdf?c=1654791100>

## Chapter 7 Special community needs

### *Covid and prisons*

Fisher S, Siepmann I, de Labry Lima O, Thapa S, Reid J. Prisons and COVID-19 policies: the need for collaborative and participatory health interventions. ASPHER Report December 2020. [https://www.aspher.org/download/629/aspher-prisons-report\\_december2020-version.pdf](https://www.aspher.org/download/629/aspher-prisons-report_december2020-version.pdf).

### *Inequalities*

What is Inequality? Basic Health Inequality Concepts for Understanding the COVID-19 Pandemic. [https://www.aspher.org/download/515/what\\_is\\_inequality.pdf](https://www.aspher.org/download/515/what_is_inequality.pdf)

## Chapter 8 Nutrition and food safety

Campaign to implement Nutriscore in the European Union: led by SCSP French Public Health Association. Prof Serge Hercberg, Dr Mathilde Touvier, Prof Jordi Salas-Salvado

cc Call, list of updated signatories and scientific text  
All these information are the websites:

<https://nutriscore.blog/category/papers-in-english/>  
<http://www.nutricio.urv.cat/ca/divulgacio/etiquetatge-frontal/>

<https://nutriscore.blog/2021/03/16/list-of-the-first-signatories-of-the-call-supporting-the-implementation-of-nutri-score-in-europe/>

## Chapter 9 Occupational and environmental health

### *Occupational health*

Middleton J, Lopes H, Reintjes R. Meat plants- a new front for the COVID-19 pandemic. *BMJ* 2020;370:m2716 <http://dx.doi.org/10.1136/bmj.m2716>

McDonald E, Middleton J, Lalloo D, Greenhalgh T. Safely returning clinically vulnerable people to work. *BMJ* 2020; 370 doi: <https://doi.org/10.1136/bmj.m3600> (Published 21 September 2020) Cite this as: *BMJ* 2020;370:m3600. <https://www.bmj.com/content/370/bmj.m3600> (accessed September 23<sup>rd</sup> 2020).

**ASPHER support for the International Scientific and Medical Societies statement on the new WHO air quality standards.** [https://www.ssph-journal.org/articles/10.3389/ijph.2021.1604465/full?utm\\_source=Email\\_to\\_authors &utm\\_medium=Email&utm\\_content=T1\\_11.5e1\\_author&utm\\_campaign=Email\\_publication&field=&journalName=International Journal of Public Health&id=1604465](https://www.ssph-journal.org/articles/10.3389/ijph.2021.1604465/full?utm_source=Email_to_authors&utm_medium=Email&utm_content=T1_11.5e1_author&utm_campaign=Email_publication&field=&journalName=International%20Journal%20of%20Public%20Health&id=1604465)

## Chapter 10 Organisation of public health systems

Wong B et al. The erosion of public health. *Public Health Rev*, 29 April 2021 <https://doi.org/10.3389/phrs.2021.1604112> <https://www.ssph-journal.org/articles/10.3389/phrs.2021.1604112/full>

Treviño-Reyna G, Czabanovska K, Haque S, Plepys CM, Magana L, Middleton J. Employment outcomes and job satisfaction of international public health professionals: What lessons for public health and COVID-19 pandemic preparedness? *Employment outcomes of public health graduates.* <https://onlinelibrary.wiley.com/doi/10.1002/hpm.3140>

Middleton J, Lopes H, Michelson K, Reid J. Planning for a second wave pandemic of COVID-19 and planning for winter. *Int J Public Health* (2020). <https://doi.org/10.1007/s00038-020-01455-7>  
<https://link.springer.com/article/10.1007/s00038-020-01455-7>

Peixoto VP, Reid J, Lopes H, Prikazsky V, Siepmann I, Martin-Moreno JM and Middleton JD on behalf of ASPHER COVID task force. ASPHER Statement: Déjà vu? Planning for the Covid-19 Third Wave and Planning for the Winter 2021–22. *Commentary, Int J Public Health*, 23 August 2021. <https://doi.org/10.3389/ijph.2021.1604361>

Hrzic R, Davidovitch N, Barros H, Lopes H, Moreno JMM, Mason-Jones, AJ, McCallum A, Reid J, Reintjes R, Sheek-Hussein M, Simon J, Wong, BLH, Leighton L, Otok R, Middleton J, and ASPHER (2022) ASPHER Statement: Facing the Fourth Winter of the COVID-19 Pandemic. *Public Health Rev* 43:1605395. <https://www.ssph-journal.org/articles/10.3389/phrs.2022.1605395/full>

EUPHA-ASPHER Statement by the European Public Health Association (EUPHA) and the Association of Schools of Public Health (ASPHER) to unite for strong leadership for public health, launch, MAY 21<sup>st</sup> 2021. Part of European Public Health Week.

<https://www.aspher.org/download/722/ph-workforce-statement-and-webinar-promotion.jpg>

[https://eupha.org/repository/advocacy/Statement%20EUPHA ASPHER Strong %20leadership%20for%20public%20health.pdf](https://eupha.org/repository/advocacy/Statement%20EUPHA%20ASPHER%20Strong%20leadership%20for%20public%20health.pdf)

ASPHER-EPHA The Rome Declaration May 3<sup>rd</sup> 2023. European Public Health Association website. <https://epha.org/the-rome-manifesto-reinvigorating-public-health-advocacy-to-put-people-and-the-planet-first/>

## Chapter 11 Measuring costs: the economics of health

ASPHER has set up an Economic Evaluation in healthcare in Europe group. Its work programme can be found here:

<https://www.aspher.org/economic-evaluation-in-healthcare-in-europe-eehe.html>

The group is led by Milena Pavlova, Professor of Health Economics and Equity, Department of Health Services Research, University of Maastricht

## Chapter 12 Planning and managing health systems

Ndayishimiye C, Tobias Weitzel T, Middleton J. What has been the role of makeshift and mobile hospitals in the COVID-19 pandemic. *European Health Systems Response Monitor*, Copenhagen, World Health Organisation and Brussels, European Health Observatory, February 16<sup>th</sup> 2021.

<https://analysis.covid19healthsystem.org/index.php/2021/02/16/what-has-been-the-role-of-makeshift-and-mobile-health-care-facilities-across-europe-during-covid-19/>

Ndayishimiye, C.; Sowada, C.; Dyjach, P.; Stasiak, A.; Middleton, J.; Lopes, H.; Dubas-Jakóbczyk, K. Associations between the COVID-19 Pandemic and Hospital Infrastructure Adaptation and Planning—A Scoping Review. *Int. J. Environ. Res. Public Health* 2022, 19, 8195.

<https://doi.org/10.3390/ijerph19138195>

Public health problems are multidisciplinary why do we train for them separately? Law enforcement and public health 5<sup>th</sup> international conference, Edinburgh, October 22<sup>nd</sup> 2019.

<https://www.slideshare.net/johnmiddleton7965/public-health-problems-are-multidisciplinary-why-do-we-train-for-them-separately> (keynote speech sponsored by EUPHA and ASPHER)

## Chapter 13 National health systems

Middleton J. **Public health in England in 2016—the health of the public and the public health system: a review** Br Med Bull (2017) 1-16. DOI:

<https://doi.org/10.1093/bmb/ldw054> and

<http://academic.oup.com/bmb/article/doi/10.1093/bmb/ldw054/2871226/Public-health-in-England-in-2016the-health-of-the?questAccessKey=8f7a33a1-bdbf-4db4-948c-fd6b6293a259>

Middleton J, Williams G (2018) England in Rechl B, Maresso A, Sagan A, Hernandez-Quevedo C, Williams G, Richardson E, Jakubowski E, Nolte E (eds.) **Organization and financing of public health services in Europe: Country reports** World Health Organization (acting as the host organization for, and secretariat of, the European Observatory on Health Systems and Policies): Copenhagen, Denmark, 5-22. <http://www.euro.who.int/en/about-us/partners/observatory/news/news/2018/05/how-to-strengthen-public-health-services-lessons-from-9-european-countries>

Rechl B, Maresso A, Sagan A, et al eds. Middleton J Chapter 1 England case reports. **The role of public health organisations in addressing public health problems in Europe. The case of obesity, alcohol and antimicrobial resistance. Country reports. Online appendix.** London: European Observatory on Health Systems and Policies, 2018.

[http://www.euro.who.int/data/assets/pdf\\_file/0003/387534/online-appendix-hps-51-eng.pdf?ua=1](http://www.euro.who.int/data/assets/pdf_file/0003/387534/online-appendix-hps-51-eng.pdf?ua=1)

## Chapter 14 Human resources for health

Otok R, Middleton J, Czabanovska K, Nolte E. workforce chapter in European PH observatory

publication <http://www.euro.who.int/en/publications/abstracts/organization-and-financing-of-public-health-services-in-europe-2018>.

Treviño-Reyna G, Czabanovska K, Haque S, Plepys CM, Magana L, Middleton J. **Employment outcomes and job satisfaction of international public health professionals: What lessons for public health and COVID-19 pandemic preparedness? Employment outcomes of public health graduates.** <https://onlinelibrary.wiley.com/doi/10.1002/hpm.3140>

Czabanowska, K. & Kuhlmann, E. (2021). Public health competences through the lens of the COVID-19 pandemic: what matters for health workforce preparedness for global health emergencies. *The International Journal of Health Planning and Management*, 36; S1: 14-19.  
<https://doi.org/10.1002/hpm.3131>

Sharing European Educational Experience in Public Health for Israel (SEEPHI): Harmonization, employability, leadership and outreach: Capacity Building in Higher Education for Public Health – A country case. Brussels: ASPHER Erasmus + outline, 2020. Available at: <https://www.aspher.org/download/692/seeephi-project-profile.pdf>

### Published papers from the SEEPHI project

#### The first SEEPHI paper which describes the conceptual framework of the project:

Bashkin, O., Dopelt, K., Mor, Z., Leighton, L., Otok, R., Duplaga, M., et al. (2021). The future public health workforce in a changing world: a conceptual framework for a European–Israeli knowledge transfer project. *International Journal of Environmental Research and Public Health*, 18(17), 9265. <https://www.mdpi.com/1660-4601/18/17/9265>

#### The second SEEPHI paper which describes findings from the AAC work package:

Bashkin, O., Otok, R., Leighton, L., Czabanowska, K., Barach, P., Davidovitch, N., et al. (2022). Emerging lessons from the COVID-19 pandemic about the decisive competencies needed for the public health workforce: A qualitative study.  
<https://jdc.jefferson.edu/healthpolicyfaculty/155/>

#### The third SEEPHI paper which describes more findings from the AAC work package:

Bashkin, O., Otok, R., Kapra, O., Czabanowska, K., Barach, P., Baron-Epel, O., et al. (2022). Identifying the Gaps Between Public Health Training and Practice: A Workforce Competencies Comparative Analysis. *International Journal of Public Health*, 303. <https://www.ssph-journal.org/articles/10.3389/ijph.2022.1605303/full>

#### Ashkelon Paper on developing the AAC public health BA program:

Bashkin, O., & Tulchinsky, T. H. (2017). Establishing undergraduate public health education: process, challenges, and achievements in a case study in Israel. *Public Health Reviews*, 38, 1-11.  
<https://link.springer.com/article/10.1186/s40985-017-0057-4>

WHO Report: National workforce capacity to implement the essential public health functions including a focus on emergency preparedness and response: roadmap for aligning WHO and partner contributions. Geneva: World Health Organization; 2022. Licence: CC BY-NC-SA 3.0 IGO.  
<https://www.who.int/publications/i/item/9789240050402> (ASPHER partner, and major contributor )

Webinar: Building the public health and emergency workforce: a roadmap. World Health Organization, 2022. Available: [https://www.who.int/news-room/events/detail/2022/05/18/default-calendar/phewf\\_roadmap\\_launch](https://www.who.int/news-room/events/detail/2022/05/18/default-calendar/phewf_roadmap_launch)

You tube commentary JM contribution

[https://www.youtube.com/watch?v=W\\_HKH55NsIE](https://www.youtube.com/watch?v=W_HKH55NsIE)

**BMJ Global Editorial** Mosam A, Fisher DA, Hunter MB, et al. Public health and emergency workforce: a roadmap for WHO and partner contributions. *BMJ Global Health* 2022;7:e009592. doi:10.1136/bmjgh-2022-009592

<https://gh.bmj.com/content/7/6/e009592>

(WHO Pandemic preparedness treaty link: <https://www.who.int/news/item/01-12-2021-world-health-assembly-agrees-to-launch-process-to-develop-historic-global-agreement-on-pandemic-prevention-preparedness-and-response> )

Middleton J. Reflections from Geneva: Steering group meeting for the roadmap at WHO. ASPHER members blog Publication date: 07.11.2022.

<https://aspher.org/articles,4,156.html>

Hunter MB, Ogunlayi F, Middleton J, et al. Strengthening capacity through competency- based education and training to deliver the essential public health functions: reflection on roadmap to build public health workforce. *BMJ Global Health* 2023;8:e011310. doi:10.1136/bmjgh-2022-011310

<https://gh.bmj.com/content/bmjgh/8/3/e011310.full.pdf>

Special Volume No. 1 2023: Advancing policies for public health benefit: A collection of policy briefs developed by the Maastricht University students.

<https://www.seejph.com/index.php/seejph/issue/view/34>

Middleton J. Czabanowska. K. (2023). Advancing policies for public health benefit: A collection of policy briefs developed by the Maastricht University students. *South Eastern European Journal of Public Health*, 1–6. Retrieved from <https://www.seejph.com/index.php/seejph/article/view/375>

## Chapter 15 Health technology, quality, law, ethics

Rae M, Middleton J, Nagyova I. Forward, in: Butcher F, Schroeder-Beck P, Tahzib F. Variability in public health ethics education across Europe. EUPHA, ASPHER, UKFPH, November 2022. Available at:

[https://www.fph.org.uk/media/3636/fph\\_ethics\\_report\\_08\\_22-1.pdf](https://www.fph.org.uk/media/3636/fph_ethics_report_08_22-1.pdf)

Coggon J, Middleton J, Viens A, Tahzib F. Crying “nanny state” is a way of crushing sensible public discussion. *BMJ blog* 5<sup>th</sup> December 2018

<https://blogs.bmj.com/bmj/2018/12/05/crying-nanny-state-is-a-way-of-crushing-sensible-public-discussion/>

## Chapter 16 Global health

***Global Network for Academic Public Health.***

New website launched May 3<sup>rd</sup> 2023. <https://globalnetworkpublichealth.org>

Statement on the role of schools of public health post pandemic. Global governance for improved human, animal and planetary health: the essential role of schools and programs of public health. GNAPH, October 2021.

[https://s3.amazonaws.com/ASPPH\\_Media\\_Files/Docs/GNAPH\\_Global+governance+for+health.pdf](https://s3.amazonaws.com/ASPPH_Media_Files/Docs/GNAPH_Global+governance+for+health.pdf)

Appendix 1 role of schools

[https://s3.amazonaws.com/ASPPH\\_Media\\_Files/Docs/GNAPH\\_Global+governance\\_Annex+1\\_Role+of+SPPH.pdf](https://s3.amazonaws.com/ASPPH_Media_Files/Docs/GNAPH_Global+governance_Annex+1_Role+of+SPPH.pdf)

Appendix 2 Definitions relevant to public health

[https://s3.amazonaws.com/ASPPH\\_Media\\_Files/Docs/GNAPH\\_Global+governance\\_Annex+2\\_Definitions.pdf](https://s3.amazonaws.com/ASPPH_Media_Files/Docs/GNAPH_Global+governance_Annex+2_Definitions.pdf)

<https://www.aspher.org/news,54.html>

ASPHER Deans and Directors Retreat, September 27<sup>th</sup>-28<sup>th</sup> 2021.

[https://www.aspher.org/download/979/aspher\\_newsletter\\_oct\\_nov\\_2021.pdf](https://www.aspher.org/download/979/aspher_newsletter_oct_nov_2021.pdf)

Plenary: Professionalisation <https://www.aspher.org/video,2021-deans-and-directors-retreat-plenary-2-professionalisation,39.html> JM at 44:50.

Plenary: Planning for an outbreak of health introductory remarks 7:30  
concluding remarks 56:50

Plenary: Global governance for health. <https://www.aspher.org/video,2021-deans-and-directors-retreat-plenary-4-global-governance,41.html>

Middleton J, Biberman D, Magana L, Saenz R, Low WY, Adongo P, Kolt GS and Surenthirakumaran R (2021) Global Governance for Improved Human, Animal, and Planetary Health: The Essential Role of Schools and Programs of Public Health. *Public Health Rev* 42:1604610. <https://www.ssph-journal.org/articles/10.3389/phrs.2021.1604610/full>

Middleton J. Tradition, leadership and innovation in public health education. Commemorating the 100th anniversary of ESPM. *Salud Publica Mex.* 2022; 64: 606-611.

<https://doi.org/10.21149/13778>

<https://saludpublica.mx/index.php/spm/article/view/13778/12321>

In: <https://saludpublica.mx/index.php/spm/issue/view/539>

100 year celebration of the Mexican School of Public Health INSP/ ESPHM.

[https://www.youtube.com/watch?v=Y2sjm0R\\_0lw](https://www.youtube.com/watch?v=Y2sjm0R_0lw) 1830-26.30

Global Network for Academic Public Health statement on the World Health Organization's response to the COVID-19 Pandemic. *International J Public Health.* DOI: 10.1007/s00038-020-01461-9

[https://link.springer.com/epdf/10.1007/s00038-020-01461-9?sharing\\_token=T8deal7tJpjssRBrb2cs1\\_e4RwiQNchNByi7wbcMAY7DtifudbZ\\_v50Ovz9sp8loDymP-mEaGJZe-4YxMkW410e9Jo-](https://link.springer.com/epdf/10.1007/s00038-020-01461-9?sharing_token=T8deal7tJpjssRBrb2cs1_e4RwiQNchNByi7wbcMAY7DtifudbZ_v50Ovz9sp8loDymP-mEaGJZe-4YxMkW410e9Jo-)

[I2wz3bwESnrH5Dul1nYowacqUGpZD2YJgYOn-Q7gANVWTPV56m9YxpxOy7PRP6N5uLBFL\\_3iKnUsUVvw%3D](https://doi.org/10.1186/s12916-021-02111-1)

### *Pandemic preparedness treaty*

Lopes H, Middleton J. What should we ask of a new global treaty for pandemic preparedness? <https://blogs.bmj.com/bmj/2021/04/26/what-should-we-ask-of-a-new-global-treaty-for-pandemic-preparedness/>

Lopes, H. and Middleton, J. (2021) “Learning from the pandemic, building increased international cooperation”, South Eastern European Journal of Public Health (SEEJPH). doi: 10.11576/seejph-4760.

<https://www.seejph.com/index.php/seejph/article/view/4760>

### *Global vaccine equity*

Middleton J, et al . We need an equitable and coordinated global approach to covid-19 vaccination. <https://blogs.bmj.com/bmj/2021/01/28/we-need-an-equitable-and-coordinated-global-approach-to-covid-19-vaccination/>

*Wong BLH, Green MS, Reid JR, Martin-Moreno JM et al.* Toward ‘Vaccine Internationalism’: The Need for an Equitable and Coordinated Global Vaccination Approach to Effectively Combat COVID-19. Int J Public Health, 14 April 2021 <https://doi.org/10.3389/ijph.2021.1604077>

Middleton J on behalf of ASPHER COVID-19 task force. The right of vaccination must be extended to all Palestinians.

[https://www.aspher.org/download/639/aspher\\_statement\\_covid-19\\_vaccination\\_palestine.pdf](https://www.aspher.org/download/639/aspher_statement_covid-19_vaccination_palestine.pdf)

[https://www.aspher.org/download/639/aspher\\_statement\\_covid-19\\_vaccination\\_palestine.pdf](https://www.aspher.org/download/639/aspher_statement_covid-19_vaccination_palestine.pdf)

### *Climate change*

ASPHER supports the development of climate-health education and capacity-building for the public health workforce to be key advocates and actors of climate mitigation & adaptation to improve climate change and public health interventions. Web page resources: <https://www.aspher.org/asphera-climate-action-through-public-health-education-training.html>

Quantz D, Jenkin D, Stevenson E, Pencheon D, Middleton J. Sustainable development in public health consultant education. The Lancet Planetary Health, DOI: [http://dx.doi.org/10.1016/S2542-5196\(17\)30114-6](http://dx.doi.org/10.1016/S2542-5196(17)30114-6) Available at : [http://www.thelancet.com/journals/lanplh/article/PIIS2542-5196\(17\)30114-6/fulltext](http://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(17)30114-6/fulltext) (accessed October 6th 2017).

Law A, Saunders P, Middleton J, McCoy D. Global warming must stay below 1.5 degrees. BMJ 2018; 318: k4410 doi: 10.1136.

<https://www.bmj.com/content/bmj/363/bmj.k4410.full.pdf> and <https://www.bmj.com/content/363/bmj.k4410?sso=>

Law A, Duff D, Saunders P, Middleton J, McCoy D. Medical organisations must divest from fossil fuels. *BMJ* 2018; 363 doi: <https://doi.org/10.1136/bmj.k5163>

Orhan R, Middleton J, Kraft T, Czabanovska K. Climate action at public health schools in the European region. *International J Environmental research and public health*. PDF: <https://www.mdpi.com/1660-4601/18/4/1518> Full text <https://www.mdpi.com/1660-4601/18/4/1518/htm>

**Launch of the ASPHER climate and health competencies for public health professionals. October 25<sup>th</sup> 2021.** [https://www.aspher.org/download/882/25-10-2021-final\\_aspher-climate-and-health-competencies-for-public-health-professionals-in-europe.pdf](https://www.aspher.org/download/882/25-10-2021-final_aspher-climate-and-health-competencies-for-public-health-professionals-in-europe.pdf)  
<https://www.aspher.org/video,launch-of-aspher-climate-health-competencies-for-ph-professionals-in-europe,33.html>

European health policy platform ASPHER-led coalition. Climate change and health education.

HPP link: [https://ec.europa.eu/health/events/eu-health-policy-platform-annual-meeting-2022-05-04\\_en](https://ec.europa.eu/health/events/eu-health-policy-platform-annual-meeting-2022-05-04_en)

Statement: [https://ec.europa.eu/health/system/files/2022-05/policy\\_20220505\\_js01\\_en.pdf](https://ec.europa.eu/health/system/files/2022-05/policy_20220505_js01_en.pdf)

**Version July 2022.**

[https://eupha.org/repository/advocacy/2022/CHE\\_EUHPP\\_Statement\\_AS\\_PHER\\_Final%20Version.pdf](https://eupha.org/repository/advocacy/2022/CHE_EUHPP_Statement_AS_PHER_Final%20Version.pdf)

[https://www.aspher.org/download/1135/che\\_euhpp\\_statement\\_aspher\\_final-version.pdf](https://www.aspher.org/download/1135/che_euhpp_statement_aspher_final-version.pdf)

Presentation: [https://ec.europa.eu/health/system/files/2022-05/policy\\_20220505\\_co01\\_en.pdf](https://ec.europa.eu/health/system/files/2022-05/policy_20220505_co01_en.pdf)

Video: [https://www.eu-hpp-annual-meeting.eu/Paris1/AVEX/2022-05-04\\_7/](https://www.eu-hpp-annual-meeting.eu/Paris1/AVEX/2022-05-04_7/)

EUPHA endorsement feature:

[https://eupha.org/repository/HPP\\_Statement\\_Climate\\_Health.pdf](https://eupha.org/repository/HPP_Statement_Climate_Health.pdf)

ASPHER network launch, July 7<sup>th</sup> 2022. Presentation: ASPHER's ambition for climate change and health education.

<https://www.slideshare.net/johnmiddleton7965/asphers-ambition-in-climate-change-and-health-education>

ASPHER web page for climate and health education

<https://www.aspher.org/asphera-climate-action-through-public-health-education-training.html>

Orhan R, Middleton J, Czabanovska K. Public Health Rev, 06 May 2021. ASPHER Statement: Towards a Carbon-Neutral Association of Schools of Public Health in the European Region <https://doi.org/10.3389/phrs.2021.1604127> and <https://www.ssph-journal.org/articles/10.3389/phrs.2021.1604127/full>

Partnership with the European Climate and Health Observatory (Bonn-EU) ASPHER is formally part of the European Climate and Health Observatory, March 1<sup>st</sup> 2023.

Listing of our name on the page: <https://climate-adapt.eea.europa.eu/en/observatory/About/about-the-observatory/>  
Our About Page: <https://climate-adapt.eea.europa.eu/en/observatory/++aq++metadata/organisations/association-schools-public-health-in-european-region-aspher>  
Our Resource Page linked to ASPHER website: <https://climate-adapt.eea.europa.eu/en/metadata/portals/aspher-climate-health-page>  
Announcement on their News Archive on their website:

- Resource Page: <https://climate-adapt.eea.europa.eu/en/observatory/news-archive-observatory/aspher-compiles-education-resources-for-public-health-education-on-climate>
- Partnership: <https://climate-adapt.eea.europa.eu/en/observatory/news-archive-observatory/observatory-welcomes-new-partner-aspher>

### **Conflict**

ASPHER webpage for conflict and health. <https://www.aspher.org/task-force-on-war.html>

Middleton JD, Eterovic I, Sogoric,S, Lang S, eds. Wounded Healthy Cities: searching for health and human dignity, first report of the Croatian Healthy Cities Network. West Bromwich: Sandwell Health Authority and Sandwell Public Health Trust, 1992. Available at: <https://repozitorij.mef.unizg.hr/islandora/object/mef%3A2354/datastream/FILE0/view>

Global Network for Academic Public Health. Global Network for Academic Public Health statement on the Beirut explosion [https://s3.amazonaws.com/ASPPH\\_Media\\_Files/Docs/Global+Network+Beirut+Explosion+Statement\\_FINAL+\(1\).pdf](https://s3.amazonaws.com/ASPPH_Media_Files/Docs/Global+Network+Beirut+Explosion+Statement_FINAL+(1).pdf)

Namer Y, Wandschneider L, Middleton J, Nadav Davidovitch, Razum O. War and public health. Public Health Rev, 11 October 2021 <https://doi.org/10.3389/phrs.2021.1604459>

Wandschneider L, Namer Y, Davidovitch N, Nitzan D, Otok R, Leighton L, Signorelli C, Middleton J, Martin-Moreno JM, Chambaud L, Lopes L, Razum O Wandschnieder The Role of Europe's Schools of Public Health in Times of War: ASPHER Statement on the War Against Ukraine.

<https://doi.org/10.3389/phrs.2022.1604880>. <https://www.ssph-journal.org/articles/10.3389/phrs.2022.1604880/full>

Razum O, Barros H, Buckingham R, et al . Is war a man made public health problem? October 16, 2019 DOI:[https://doi.org/10.1016/S0140-6736\(19\)31900-2](https://doi.org/10.1016/S0140-6736(19)31900-2)  
Available at : [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(19\)31900-2/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(19)31900-2/fulltext) accessed October 17<sup>th</sup> 2019.

Middleton J. Swords to ploughshares: the need to convert to a healthier economy. ASPHER members blog. December 20th 2022.  
<https://www.aspher.org/articles,4,158.html>

3<sup>rd</sup> Annual Polish Public Health Congress, Wroclaw, December 1<sup>st</sup> 2017. The state of health in Europe and what are the major threats for the future?  
<https://www.slideshare.net/johnmiddleton7965/the-state-of-health-in-europe-and-what-are-the-major-threats-for-the-future>

## **Acknowledgements**

With thanks to Ted Tulchinsky, Osnat Bashkin, Lore Leighton, Robert Otok, Selma Sogoric, Jose-Maria Martin-Moreno, Kasia Czabanovska, Milena Pavlova and Carlo Signorelli (for ASPHER); Laura Magana and Dorothy Biberman (Association of Schools and Programs of Public Health and the Global Network for Academic Public Health); and Luis Eugenio Souza, Marta Iomazzi, and Bettina Borisch, World Federation of Public Health Associations, for their contributions to the NPH4 on line resources.