

One Health Core Competencies

This compilation of publications focuses on Core Competencies needed for implementing a One Health approach.

See also:

- the [One Health Tools and Toolkits](https://tinyurl.com/OHC-OH-Toolkits) webpage <https://tinyurl.com/OHC-OH-Toolkits>
- the [One Health Workforce Academies International Board of One Health Examiners](https://onehealthworkforceacademies.org/about-us/) <https://onehealthworkforceacademies.org/about-us/>

If you are aware of additional publications on One Health Core Competencies that need to be included here please notify ohc@onehealthcommission.org

2023

Advancing One Health: Updated core competencies, Laing, G. *et al.* (2023), *CABI One Health*. CABI International. <https://doi.org/10.1079/cabionehealth.2023.0002>

2022

Clarifying core competencies in One Health doctoral education: The central contribution of systems thinking, Rocheleau JP, Aenishaenslin C, Boisjoly H, Richard L, Zarowsky C, Zinszer K, Carabin H, *One Earth*, Vol. 5, Issue 4, 2022, pp. 311-315, <https://doi.org/10.1016/j.oneear.2022.03.005>

One Health Workforce Competency Framework and Evaluation Toolkit, Version II, Kassa G, Raether C, Rabkin M, Tsiouris F, Michaels-Strasser S, August 2022, One Health Workforce Next Generation publication hosted by USAID, One Health Institute – UC Davis, AFROHUN, SEAOHUN, EcoHealth Alliance, Ata Health Strategies, ICAP Global Health-Columbia U, UC Berkeley, ECHO, and U California Irvine, <https://s3.us-east-1.wasabisys.com/owha-sample-bucket/2022/01/One-Health-Competency-Framework-Toolkit-Manual-Version-II--August-2022.pdf>

2021

Shared Curricula and Competencies in One Health and Health Professions Education. Larsen RJ, *Med.Sci.Educ.* **31**, 249–252 (2021). <https://doi.org/10.1007/s40670-020-01140-7>

2020

One Health Workforce Resource Library, Competency Framework, and Evaluation Toolkit <https://onehealthworkforceacademies.org/about-one-health/>

Core Competencies in One Health Education, <https://tinyurl.com/3c64hbsz>

WHO-ASPHER Competency Framework for the Public Health Workforce in the European Region

(2020). WHO – Europe Region and the Association of Schools of Public Health in the European Region (ASPHER) created this document for policy-makers, human resources for health planners and professionals with a particular interest in the public health workforce, and other stakeholders, such as education institutions, public health institutes and others responsible for implementing policy and professional organizations. The document incorporates One Health and health security as a major category under Content and Context. See pages 12, 18, and 41. <https://tinyurl.com/5n7cbwnx>

2018

Core Competencies in One Health Education: What Are We Missing?

Togami E, Gardy JL, Hansen GR, Poste GH, Rizzo DN, Wilson ME, and Mazet JAK. 2018. *NAM Perspectives*. Discussion Paper, National Academy of Medicine, Washington, DC. <https://doi.org/10.31478/201806a>.

A Step-by-Step Approach to Applying One Health Core Competencies in Academic Programs

<https://tinyurl.com/2p8p749s>

SOURCE: Togami et al., "Core Competencies in One Health Education: What Are We Missing?," National Academy of Medicine. <https://doi.org/10.31478/201806a>

One health in our backyard: Design and evaluation of an experiential learning experience for

veterinary medical students, Mor SM, Norris JM, Bosward KL, Toribio JLML, Ward MP, Gongora J, Vost M, Higgins PC, McGreevy PD, White PJ, Zaki S, *One Health*. 2018 Jun; 5: 57–64. Published online 2018 May 2.

<https://www.ncbi.nlm.nih.gov/pubmed/29911166>

2017

One Health education for future physicians in the pan-epidemic “Age of Humans”,

Lucey DR, Sholts S, Donaldson H, White J, Mitchell SR, 2017. *International Journal of Infectious Diseases* 64:1-3. <https://www.sciencedirect.com/science/article/pii/S1201971217302126>

Incorporating One Health into Medical Education,

Rabinowitz PM, Natterson-Horowitz BJ, Kahn LH, Kock R, Pappaioanou M, *BMC Medical Education*. 2017 Feb 23; 17: 45 <https://bmcomeduc.biomedcentral.com/articles/10.1186/s12909-017-0883-6>

2016

Note: In October 2016 One Health was added by the Council on Education for Public Health to the Accreditation Criteria for Schools of Public Health and Public Health Programs. See:

Accreditation Criteria: Schools of Public Health and Public Health Programs, Council on Education for Public Health. Pages 16, 30, 33 and 35. “Explain an ecological perspective on the connections among human health, animal health and ecosystem health (eg, One Health)”

https://media.ceph.org/wp_assets/2016.Criteria.pdf

One Health Core Competency Domains,

Frankson R, Hueston W, Christian K, Olson D, Lee M, Valeri L, Hyatt R, Anelli J, and Rubin C, *Front Public Health*, 2016; 4: 192, Published Sep 13, 2016 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5020065/>

Core competencies and One Health: From theory to action,

Fenwick S, 2016, *PPT Presentation* at the USAID-One Health Workforce Meeting, Hanoi, Vietnam.

<http://bit.ly/2WwHKzZ>

2015

A framework to promote collective action within the One Health community of practice: Using participatory modelling to enable interdisciplinary, cross-sectoral and multi-level integration,

Binot A,

Duboz R, Promburom P, Phimpraphai W, Cappelletti J, Lajaunie C, Goutard FL, Pinyopommintr T, Fiquie M, Roger FL, *One Health*. 2015 Sep 13;1:44-48. eCollection 2015 Dec.

<https://www.ncbi.nlm.nih.gov/pubmed/28616464>

Academic Institutions and One Health: Building Capacity for Transdisciplinary Research

Approaches to Address Complex Health Issues at the Animal-Human-Ecosystem Interface, Allen-

Scott LK, Buntain B, Hatfield JM, Meisser A, Thomas CJ, *Acad Med*. 2015 Jul;90(7):866-71. doi:

10.1097/ACM.0000000000000639.

<https://www.ncbi.nlm.nih.gov/pubmed/25650827>

2014

One Health Core Competencies – PowerPoint Slide presentation

Hueston W, Kunkel R, Nutter F, Olson D <http://bit.ly/2FLxMFy>

Team Building as a One Health Core Competency, In: Making One Health a reality—crossing bureaucratic boundaries. Rubin C, Dunham B, Sleeman J. 2014. , *Microbiol Spectrum* 2(1):OH-0016-2012. doi:10.1128/microbiolspec.OH-0016-2012

2013

One Health Central and Eastern Africa (OHCEA). One Health modules

http://ohcea.org/index.php?option=com_content&view=article&id=163&Itemid=232

One Health core competencies domains, subdomains, and competency examples

USAID RESPOND Initiative Global One Health Core Competencies Working Group. 2013.

Washington, DC: US Agency for International Development.

<https://dl.tufts.edu/catalog/tufts:sd.0000181>

https://issuu.com/praktikitsupee/docs/ohcc_domains_final_respond/18



<https://onehealthukm.files.wordpress.com/2015/10/stanfenwick.pdf>