



Guiding Framework for Health Science Education (HSE) Innovation

We developed the Health Science Education (HSE) Innovation Framework to understand, promote, and evaluate education innovation ideas. The framework includes three domains known to drive education innovation.

Innovation Domain	Emerging	Progressing	Advancing
IMPACT¹ Degree of Change ("how")	Adjust existing resources, processes, or systems within science, health, and/or healthcare delivery	Modify existing resources, processes, or systems within science, health, and/or healthcare delivery	Transform existing or create new resources, processes, or systems within science, health, and/or healthcare delivery
TRANSLATION² Translation of Education ("what")	(T1*) Explore an educational innovation to improve knowledge, skills, or other attributes	(T1*) Explore an educational innovation to improve knowledge, skills, or other attributes and (T2*) transfer the educational innovation to advance healthcare or science practices	(T1*) Explore an educational innovation to improve knowledge, skills, or other attributes; (T2*) transfer the educational innovation to advance healthcare or science practices; and (T3*) adopt the educational innovation to improve health or science outcomes
SCALABILITY^{1,3} Scale of Implementation ("where")	Implement within a single institution and/or a single health sciences domain	Implement across multiple organizations/institutions and/or multiple health sciences domains	Implement nationwide (or beyond) and/or across the health sciences learner continuum

T* denotes each distinct "translational level"

References

1. Serdyukov P. Innovation in education: What works, what doesn't, and what to do about it? J Innov Teach Learn. 2017;10:4-33.
2. McGaghie WC. Medical education research as translational science. Sci Trans Med. 2010;2:19.
3. Simmons R, Fajans P, Ghiron L. Scaling up health service delivery: From pilot innovations to policies and programmes. Geneva: WHO; 2007.