

WILL ROBOTS REPLACE TEACHERS?

The medical landscape is constantly changing, and the marketplaces for health care artificial intelligence tools are expected to top **\$34 billion by 2025**.

In a time when knowledge is ubiquitous, largely free, and can be found at one's fingertips, it is vital to consider the role of higher education, and in particular, the role of "teachers."

More than ever, **universities must prepare for how they can best serve the needs of today's society**, not those for whom the education system was first designed. Four major shifts affect the health care workforce of the future:

- 1 The **locations** for care and education will be increasingly **unbounded**, and patient data will be significantly changed by technology that moves with and inside of patients.
- 2 **Coordination** of communication between patients and teams of providers will redefine the traditional physician-patient relationship.
- 3 Health care professionals will practice in an environment that embraces **machine-derived data** and AI.
- 4 The **art of healing** and the use of technology and machines will need to be carefully **navigated** as AI increasingly demonstrates its capacity to assist or outperform humans.

Ask yourself these questions when designing learning experiences:

- » How can you re-tool your own skills to support education anywhere, anytime?
- » How can you develop learner experiences that incorporate the 4 V's of big data?

VOLUME: the quantity of data

VARIETY: the many sources and validity of data

VERACITY: assuring the quality of data

VELOCITY: the use and speed of data

- » How can you design and assure experiential learning that develops compassionate and skilled human connectors and communicators?

Additional Resources

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