

# Conference on microcredentials for labour market education and training

## Maintaining educational credentials' educational value

Gavin Moodie and  
Leesa Wheelahan



The 'year of the mooc'  
Rationale for an educational credential  
Educational value  
Strengthen workplace training

# The New York Times

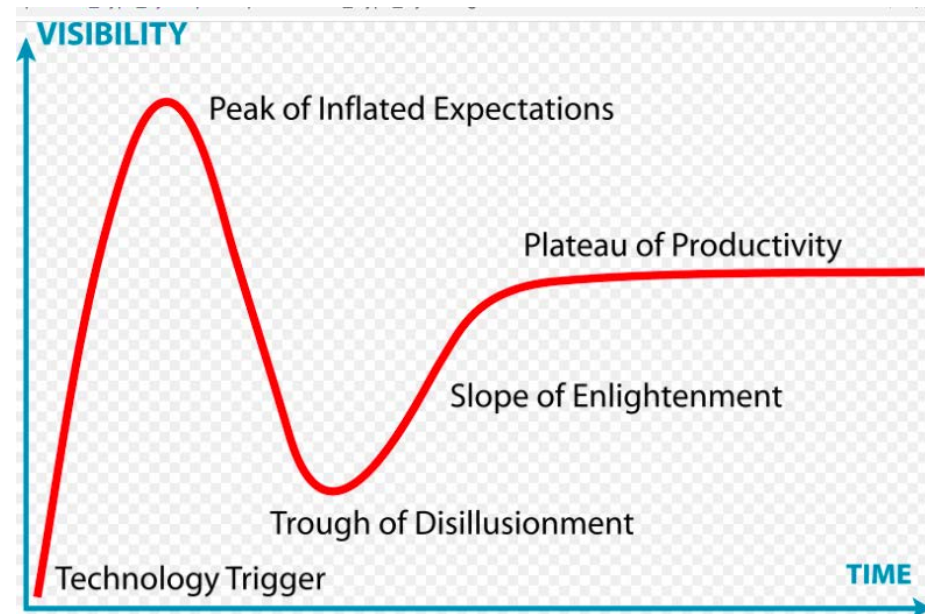
## *The Year of the MOOC*

By LAURA PAPPANO

NOV. 2, 2012

Antecedents  
More accessible  
Disrupt status quo  
Reductive linearity

Hype cycle



# Education as content delivery



# Work tasks as curriculum



# Educational value

1. Educational, to develop graduates' and society's understanding of hierarchical knowledge (Bernstein, 1979)
2. Occupational, to develop graduates' and production groups' collective productive capacity (Baker, 2009, 2011)
3. Social, to develop graduates' (Sen, 1999; Nussbaum, 2000) and society's capacity to understand and act in the world (Baker, 2009).

# Strengthen workplace training

Employers cut investment in employees' training by 40% over last 20 years in Canada, the UK, and the USA

Transfer cost and risk to public and students

Background paper for the Futures of Education Initiative

## The futures of work: what education can and can't do

by John Buchanan<sup>1</sup>, Stephanie Allais<sup>2</sup>, Michael Anderson<sup>3</sup>, Rafael A. Calvo<sup>4</sup>, Sandra Peter<sup>5</sup> and Tamson Pletsch<sup>6</sup>

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‘ . . . the variety of forms of provision that develop vocational skills must be embedded into industrial, social and especially professional/occupational development (page 16).

# References

- Australian Bureau of Statistics. (2017). 4234.0 - Work-Related Training and Adult Learning, Australia, 2016-17. Canberra.
- Baker, D. P. (2009). The educational transformation of work: towards a new synthesis. *Journal of Education and Work*, 22(3), 163-191.
- Baker, David P. (2011). Forward and backward, horizontal and vertical: Transformation of occupational credentialing in the schooled society. *Research in Social Stratification and Mobility*, 29(1), 5 - 29
- Bernstein, Basil (1999) Vertical and horizontal discourse: an essay, *British Journal of Sociology of Education*, volume 20 number 2 pages 157-173.
- Brown, Phillip, Lauder, Hugh, & Cheung, Sin Yi (2020) *The death of human capital? Its failed promise and how to renew it in an age of disruption*. Oxford University Press.



# References

- Buchanan, John, Allais, Stephanie, Anderson, Michael, Calvo, Rafael A, Peter, Sandra and Pietsch, Tamson (2020) The futures of work: what education can and can't do, Unesco, <https://unesdoc.unesco.org/ark:/48223/pf0000374435>
- Cedefop (2021) Micro-credentials for labour market education and training, <https://www.cedefop.europa.eu/en/projects/micro-credentials-labour-market-education-and-training>
- Cleary, J., & Van Noy, M. (2014). A framework for higher education labor market alignment: Lessons and future directions in the development of jobs-driven strategies. Heldrich Center for Workforce Development working paper. Bloustein School of Planning and Public Policy, Rutgers, The State University of New Jersey, New Jersey.

# References

- Collins, R (1971) Functional and conflict theories of educational stratification. *American Sociological Review*, 36(6), 1002-1019.
- Collins, R (1979/2019) *The Credential society: an historical sociology of education and stratification*. New York: Columbia University Press.
- Green, F., Felstead, A., Gallie, D., Inanc, H., and Jewson, N. (2013). What has been happening to the training of workers in Britain? Centre for Learning and Life Chances in Knowledge Economies and Societies (LLAKES), Institute of Education, University of London, London.
- Hall, C., and Cotsman, S. (2015). Learning as a lever for performance: Learning and development outlook— 13th Edition. Conference Board of Canada.

# References

- Iannelli, C, and Raffe, David (2007) Vocational upper-secondary education and the transition from school. *European Sociological Review*, 23(1), 49-63.
- Jeremykemp (2007) Gartner Research's hype cycle diagram. English Wikipedia, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=10547051>
- Livingstone, D. W. (2019). Underemployment of highly qualified labour in advanced capitalism: Trends and prospects. *Journal of Education and Work*, 32(4), 305–319.
- Moodie, Gavin (2016) *Universities, disruptive technologies, and continuity in higher education: the impact of information revolutions*, New York: Palgrave Macmillan, <http://link.springer.com/book/10.1057%2F978-1-137-54943-3>

# References

- Nussbaum, M. (2000). *Women and human development: the capabilities approach*. Cambridge University Press.
- OECD. (2019). Financial incentives to promote adult learning in Australia. OECD.
- Pappano, Laura (2012, November 2) The year of the mooc, *New York Times*.
- Raffe, David (2008) The concept of transition system, *Journal of Education and Work*, 21(4), 277-296.
- Sen, A. (1999). *Development as freedom*. Anchor Books, New York.
- Walsh, Taylor (2011) Unlocking the gates: How and why leading universities are opening up access to their courses, *Princeton University Press*.

# References

- Wheelahan, L, & Moodie, G. (2021a). Analysing micro-credentials in higher education: a Bernsteinian analysis. *Journal of Curriculum Studies*, 53(2), 212-228, DOI: [10.1080/00220272.2021.1887358](https://doi.org/10.1080/00220272.2021.1887358)
- Wheelahan, Leesa and Moodie, Gavin (2021b) Gig qualifications for the gig economy: Micro-credentials and the 'hungry mile'. *Higher Education*, <https://doi.org/10.1007/s10734-021-00742-3>