Education Technologies in Higher Education!

by Claudia Cabral and Sienna Campbell

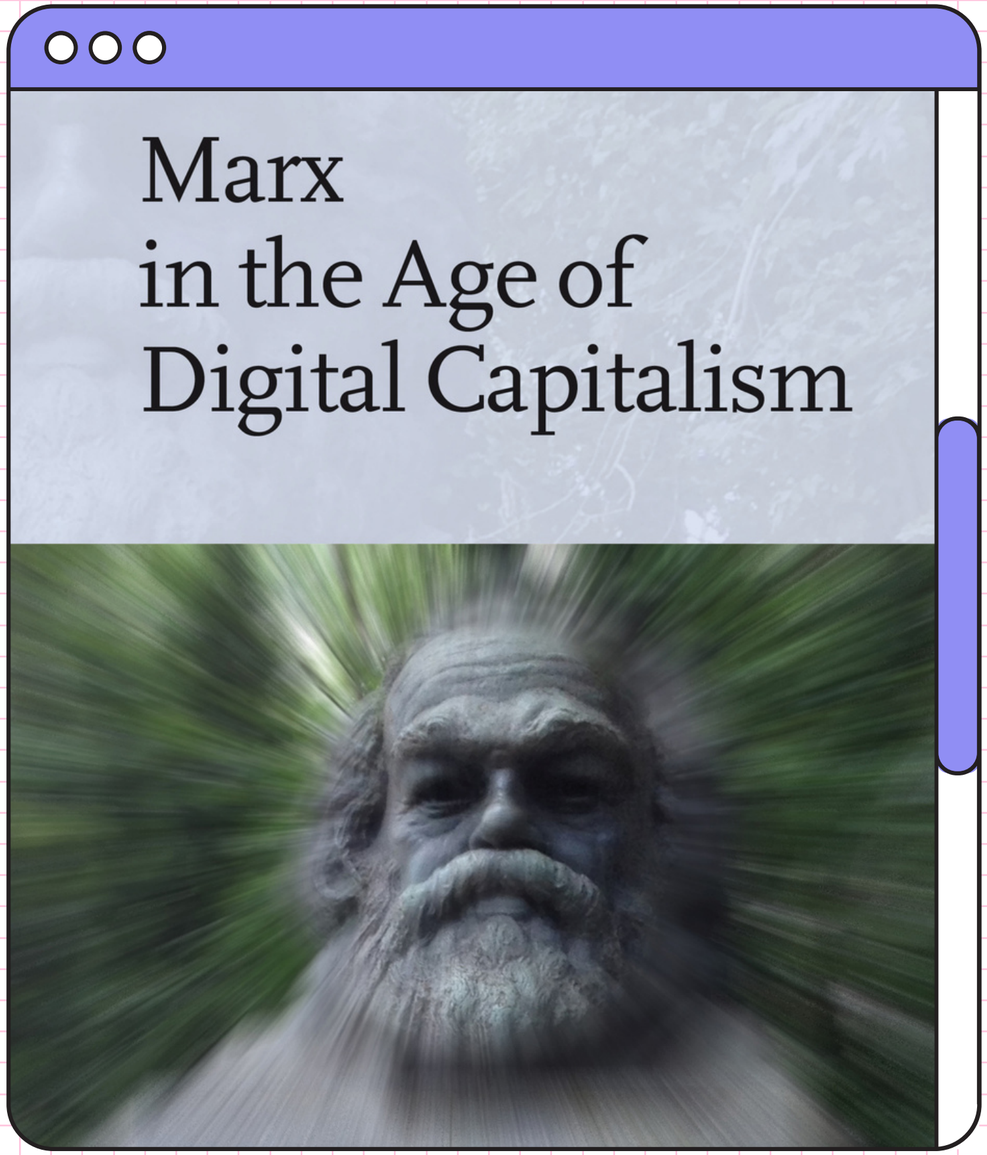
Outline

Let's get...technical!

- Mirrlees and Arvi (2020)
- Kamanetz (2010) and Staley (2019)
- Brown and Kurzweil (2017)
- Christiansen and Eyhring (2011)
- Dr Janja Komljenovic's Presentation
- EdTech Debate - YOUR Contributions
- EdTech & Wellness - OUR Contribution

Mirrlees and Arvi (2019)

- Marx + Political Economy of Communication (PEC)
  - EdTech & Capitalism
  - Critical Social Study
  - Morality = Human use
- Reconfiguring Private to Public Goods
  - *OCW*
  - *MOOC*
- **Define:** *the "big five" EdTech giants (F Ax3 M)*



https://brill.com/view/title/31597

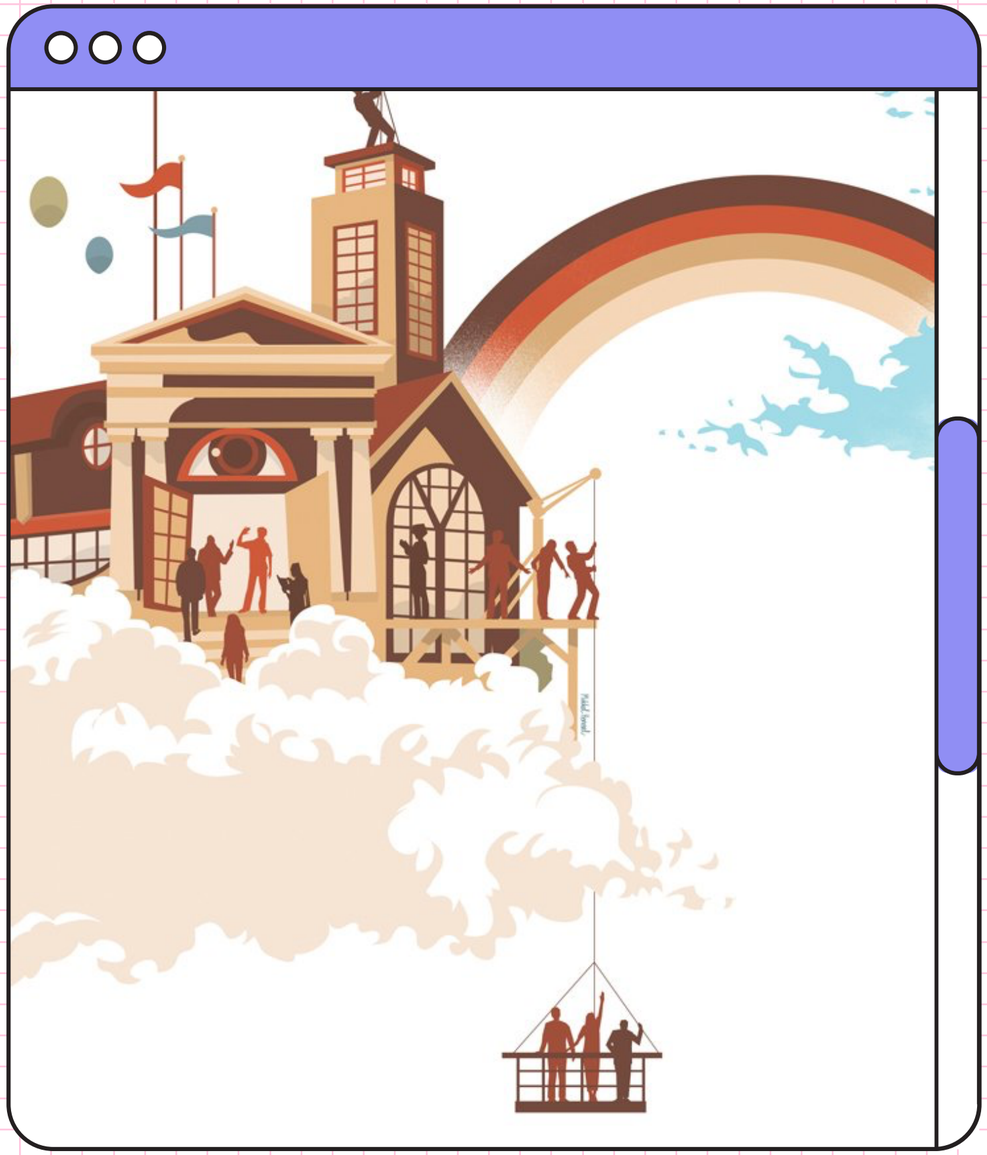
Kamanetz (2010)

- Open education movement
- DIY University
  - Free
  - Open-source
  - Self-directed learning
- Four trends guiding higher education transformation:
  - 80/20 rule
  - "The Great Unbundling"
  - Techno-hybridization
  - Personal learning networks

https://directory.pocketsuite.io/family-handyman-diy-university/

Staley (2019)

- Story of Teresa Sullivan
  - How do colleges adapt to the "realities of the external environment"?
- Adaptations across history:
  - Community colleges
  - Experimental institutions
  - German research universities
- "Feasible Utopias"
  - Interface University
  - University of the Body
  - Future University



https://uniavisen.dk/en/the-utopian-university/

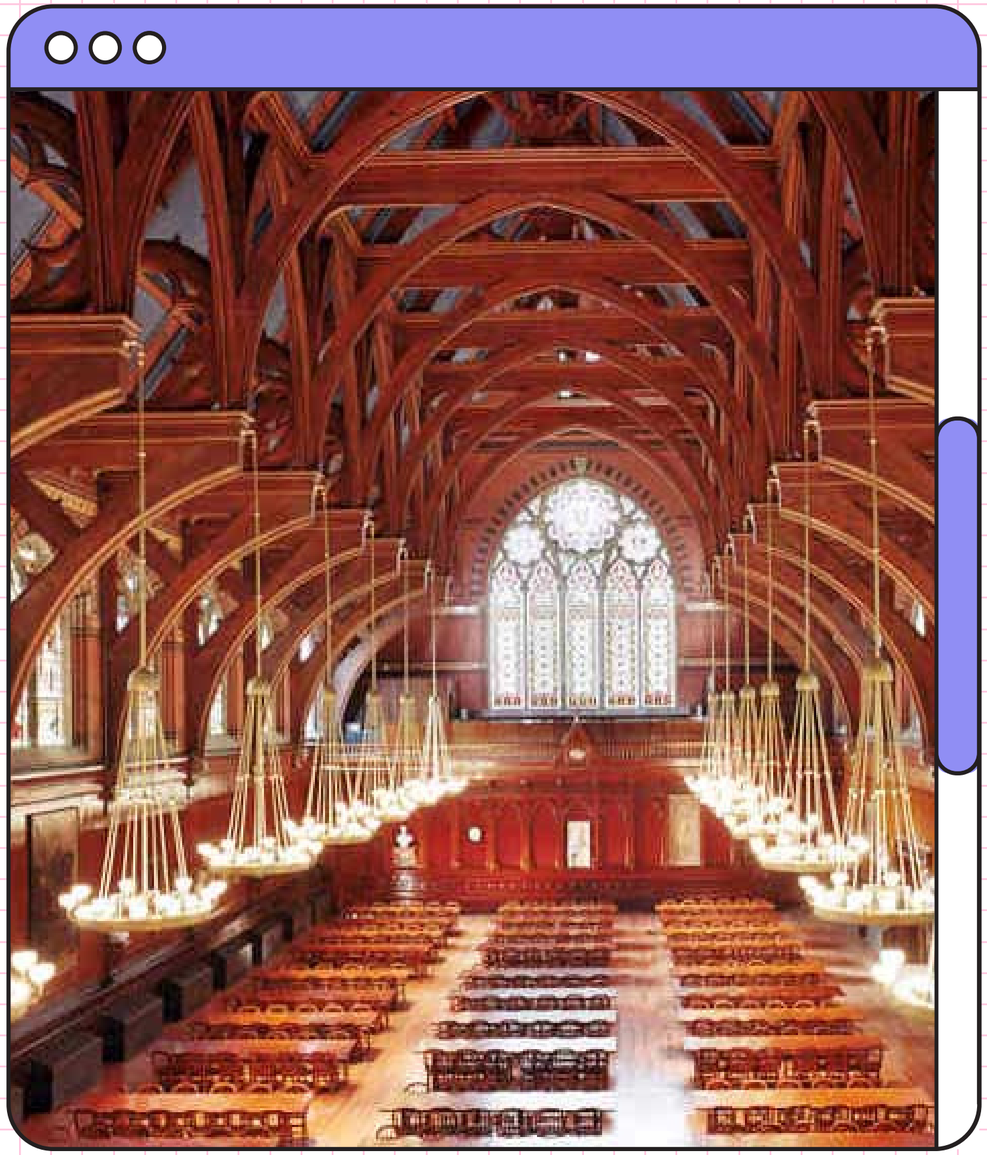
Brown and Kurzweil (2017)

- Definitions
  - *Alternative credentials*
  - *Alternative pathways*
- 5 forms of "post-secondary credentials and pathways"
- Key Trends
  - Purpose: shorter/cheaper
  - Attractiveness and growth
  - Policy Recommendations

https://www-chronicle-com.ezp-prod1.hul.harvard.edu/article/how-to-make-smart-choices-about-tech-for-your-course/

Christiansen and Eyring (2011)

- Preserving the "DNA" of Traditional Universities
- "Unique" competitive advantages
  - Discovery
  - Remembering
  - Mentoring
- Campuses and Professoriate
- To serve "Digital Natives," need competitive disruption



https://sites.fas.harvard.edu/~memhall/annenberg.html

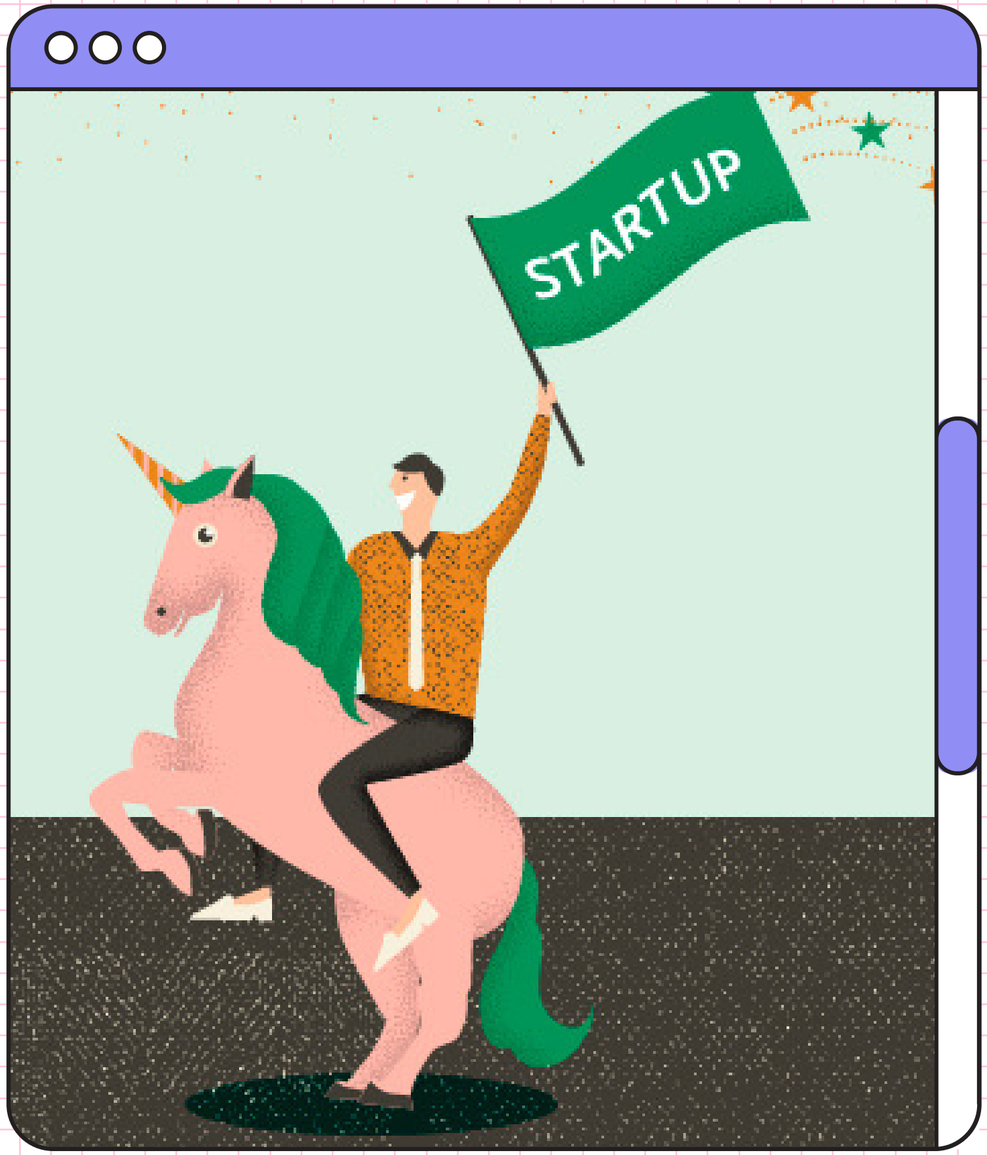
Dr. Janja Klomenovic's Presentation

EdTech in Higher Ed

"Digital products and services supporting teaching, learning, research and all other processes in LLL"

Highlights

- The commonality of all EdTech business models:
  - Where there is monetization, it is in the form of subscriptions
  - Digital platforms
  - Generation of digital data
- Political Economy
  - 32 EdTech unicorns
  - $14.9 B of EdTech funding in first three quarters of 2021
  - Most investment (8.94B) in US
  - Mismatch b/w valuation and profit
- Emerging Discourse
  - "Data governance should be envisioned as a project of collective democratic obligation"



https://www.iberdrola.com/innovation/unicorn-companies-technology-startups

YOUR Contributions

White: **Qualifying EdTech**
Purple: **Pro-EdTech**
Pink: **Anti-EdTech**

Jack, Claudia, Vera:
Partial Digitization

Timary, Lauren, Emma:
EdTech is Effective

Jeff, Ashley, Emily:
EdTech and Accessibility

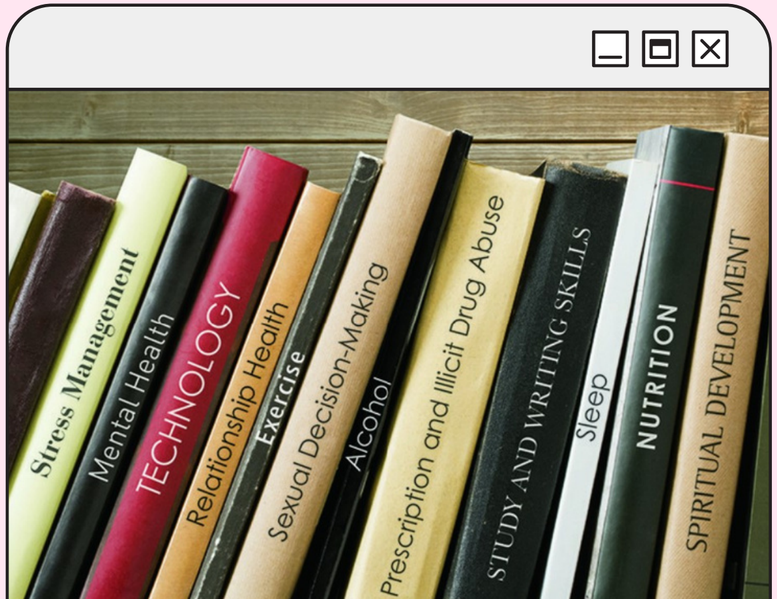
Lourdes, Felix, Kate:
Profit v. Social Impact?

Abel and Sienna:
In-person Benefits?

Wellness Issues for Higher Education: A Guide for Student Affairs and Higher Education

by David S. Anderson (2015)

- Interpersonal Communication
- Mental Health
  - Internet
  - Technology
- Chapter 4: Technology
  - Social Networking
  - Cyberbullying, etc.



https://www.routledge.com/Wellness-Issues-for-Higher-Education-A-Guide-for-Student-Affairs-and-Higher/Anderson/p/book/9781138020979

References

Thank you for listening...
here are our sources!

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