

The Internet 1982 Enrollment in distance education

increased in late 2000s

Macintosh

1984

Desktop computers introduced in

universities in 1990s



Goog

1998

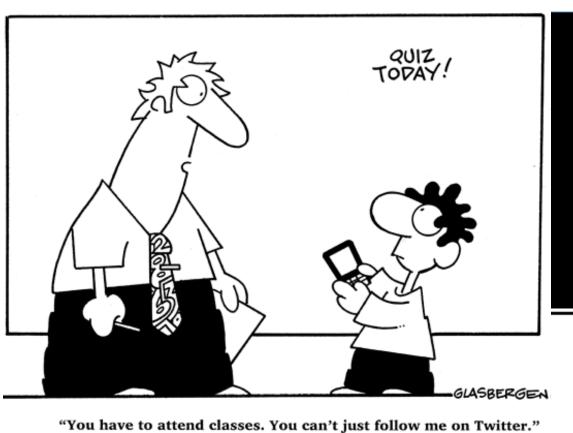
PSE institutions start introducing Learning

Commons Libraries in early 2000s

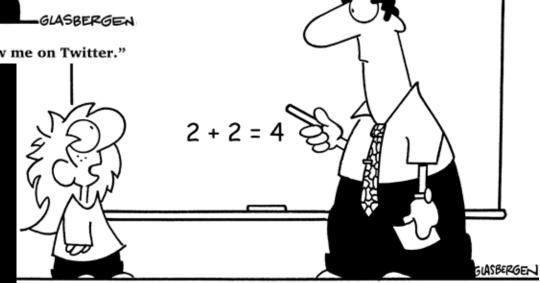




Digital, mobile technology is a norm and is an expected standard with the current generation of students



Disconnect between PSE institutions' offers and students' expectations due to industries' offers



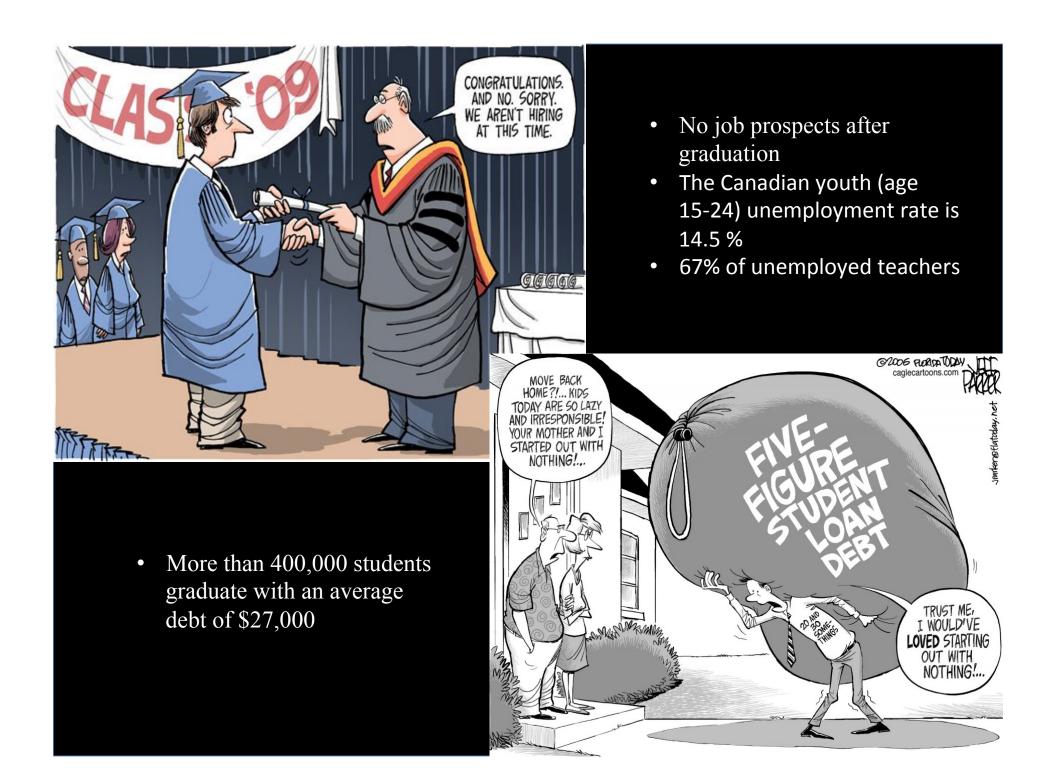
"How can I trust your information when you're using such outdated technology?"

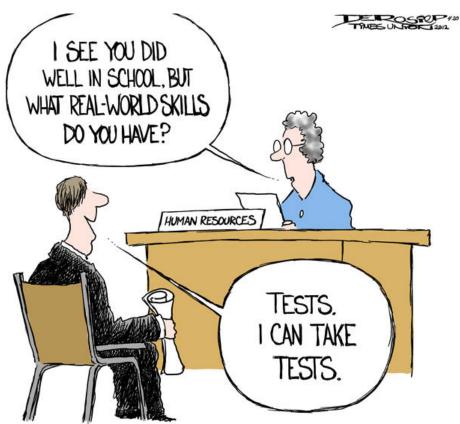


 All students are treated the same regardless of their status or learning styles

• Universities systems are complex and difficult for students to navigate



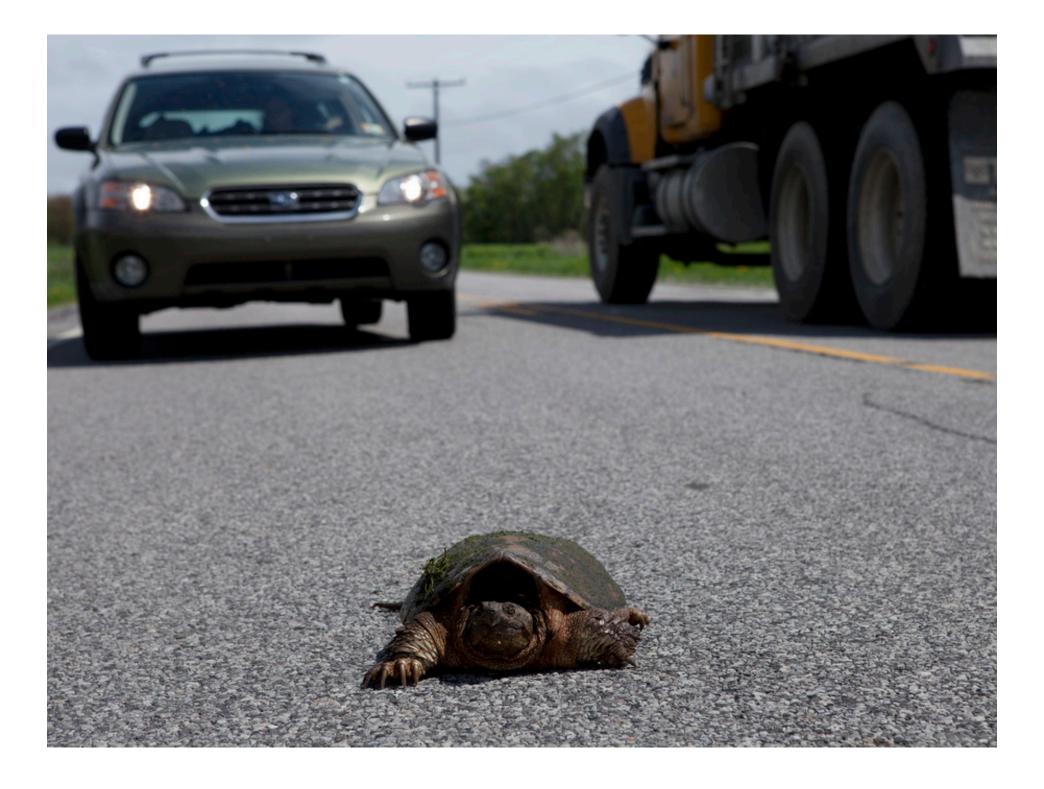




- Students' lack of practical skills;
- Not many internship opportunities

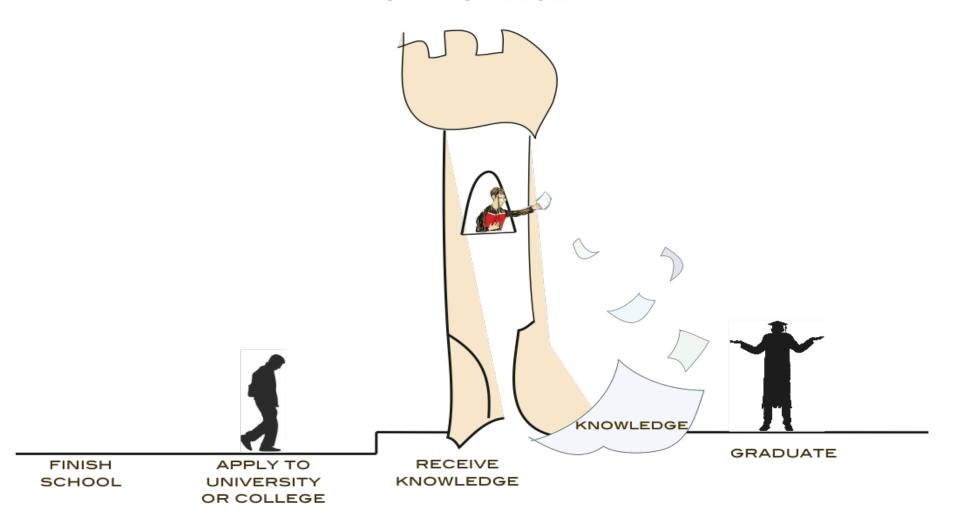
- Needs for continued education courses;
- Continue education courses provided by Industries : Autodesk, Lynda.com + Linkedin, MOOC ...

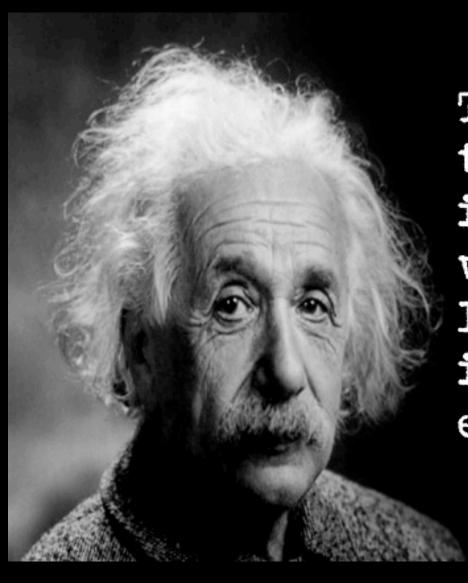




PSE linear system

IVORY TOWER OF KNOWLEGE



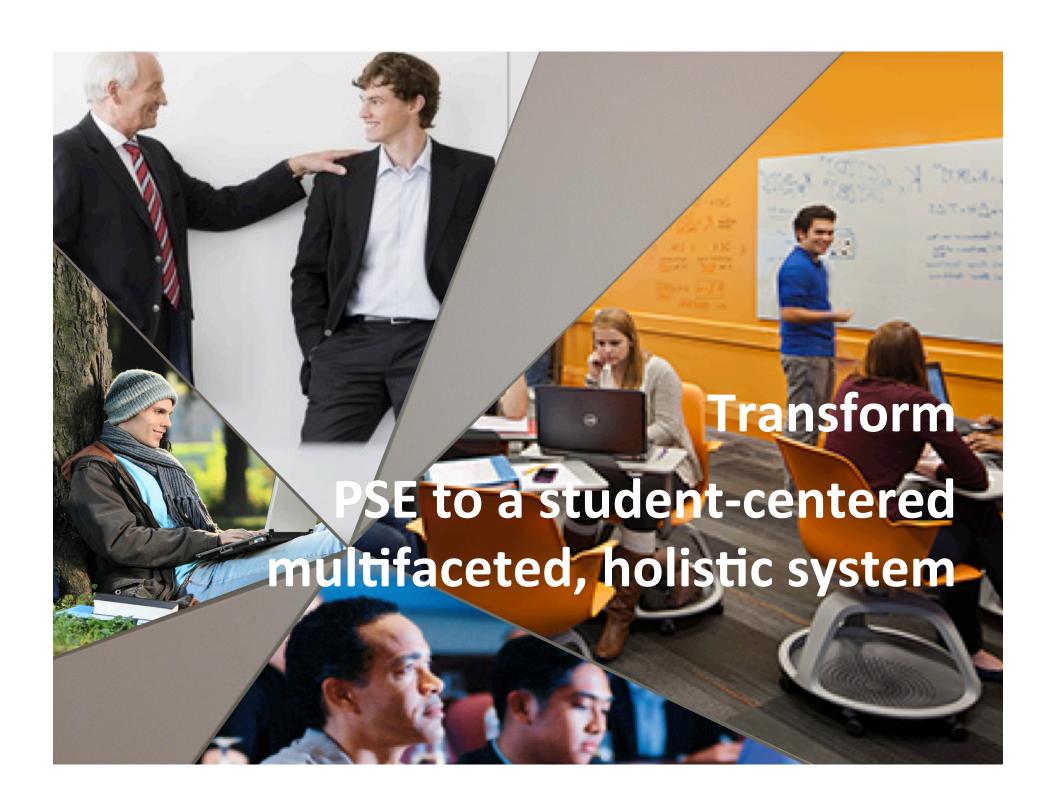


The only
thing that
interferes
with my
learning
is my
education.

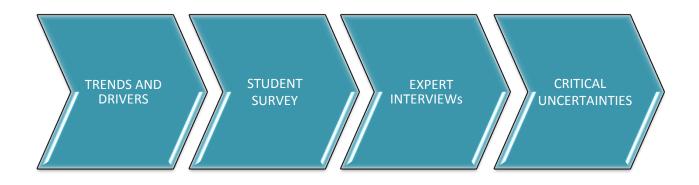
- Albert Einstein

RESEARCH QUESTIONS:

- What is the future of the post-secondary educational system?
- Is the centralized, linear university business model the best model to integrate digital technology and efficient financial resources?
- How might the higher educational system be developed into a long-term, holistic, adaptable business model?
- What are the viable user-centric methods that can be applied to a new educational model?



PROJECT PROCESS

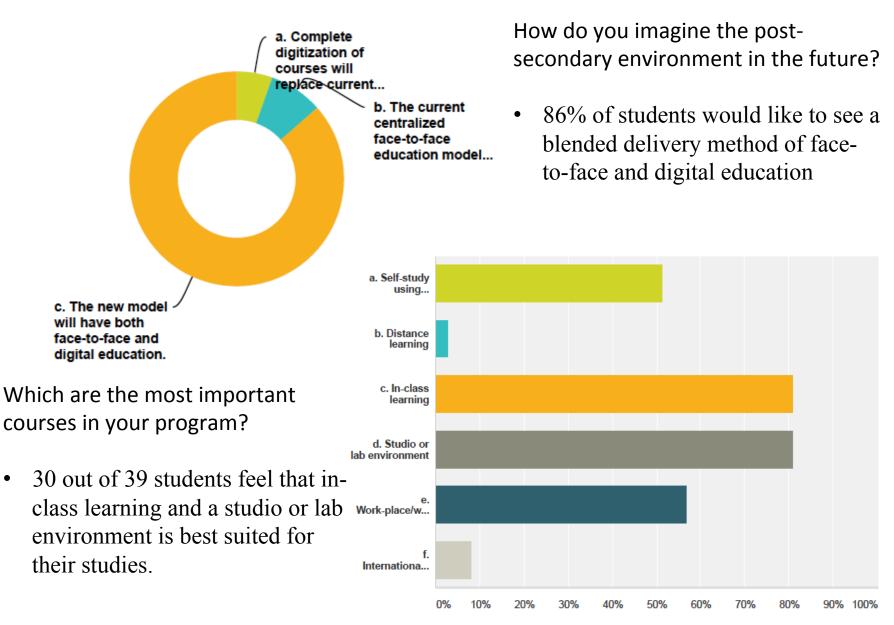




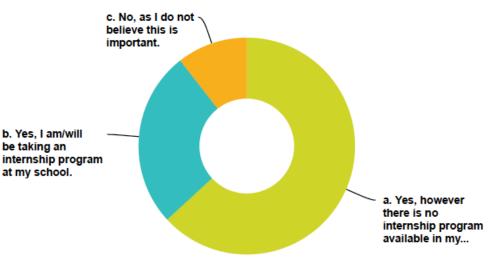
ENVIRONMENTAL SCANNING



STUDENT STATUS AND DESIRED OUTCOMS



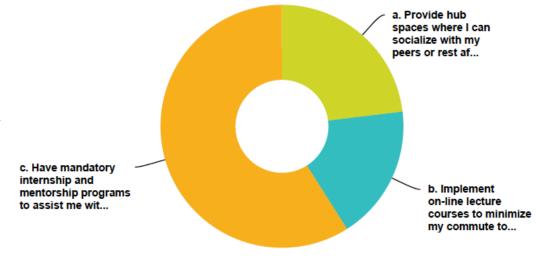
STUDENT STATUS AND DESIRED OUTCOMS



• 59% of students would like to participate in a mandatory internship or mentorship program if available.

63% would like to be a part of an internship program if available through their school.

• Overwhelmingly, 76% of students believe that they would benefit from obtaining practical skills.



EXPERT OPINIONS



Nabil Harfoush



Patrick Saavedra



Mark Robertson

Peter Thompson



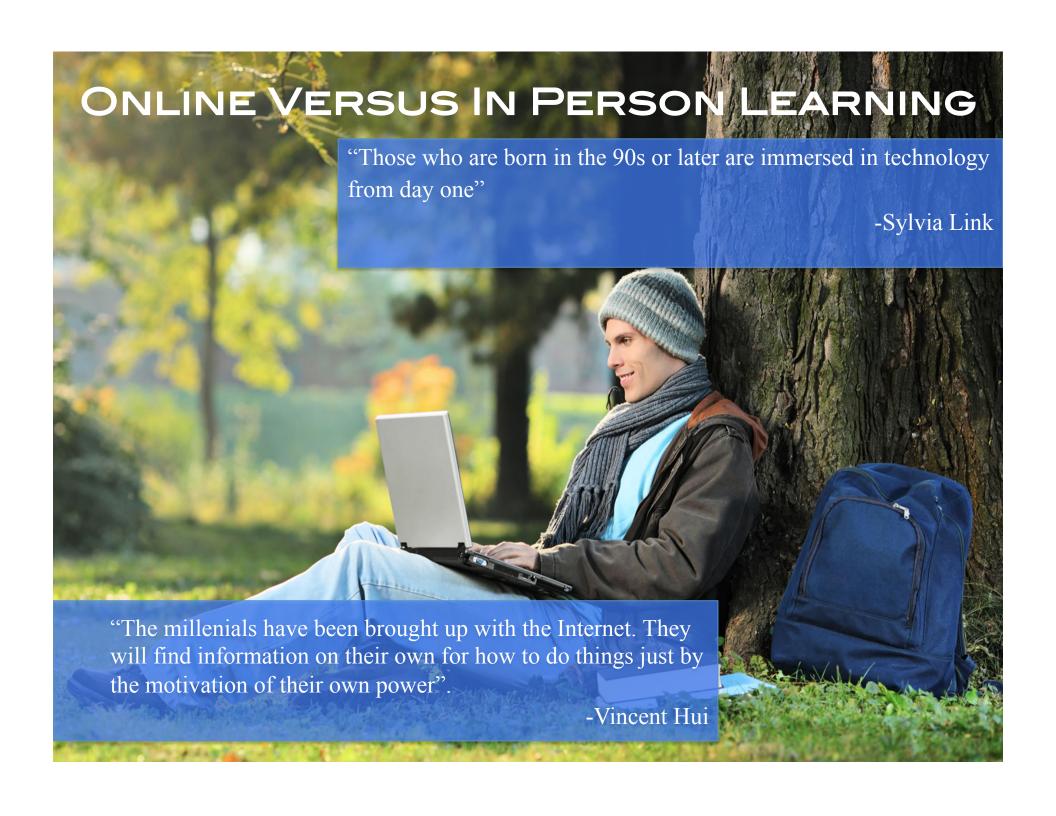
Sylvia Link



Andrew Clifford



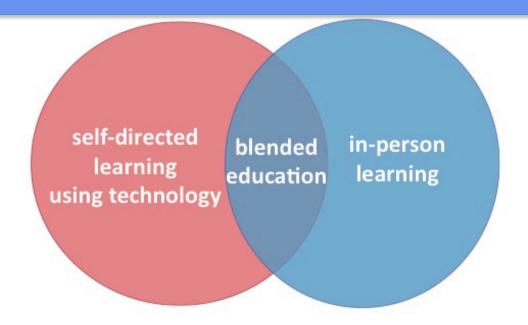
Vincent Hui

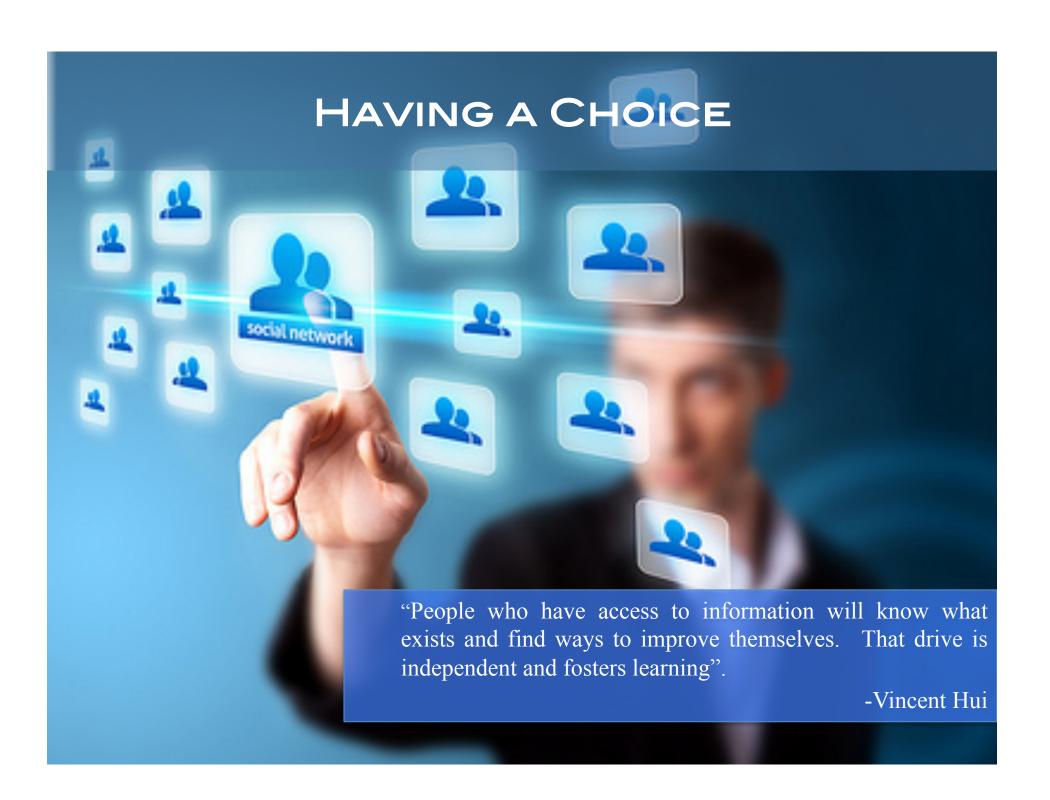


ONLINE VERSUS IN PERSON LEARNING

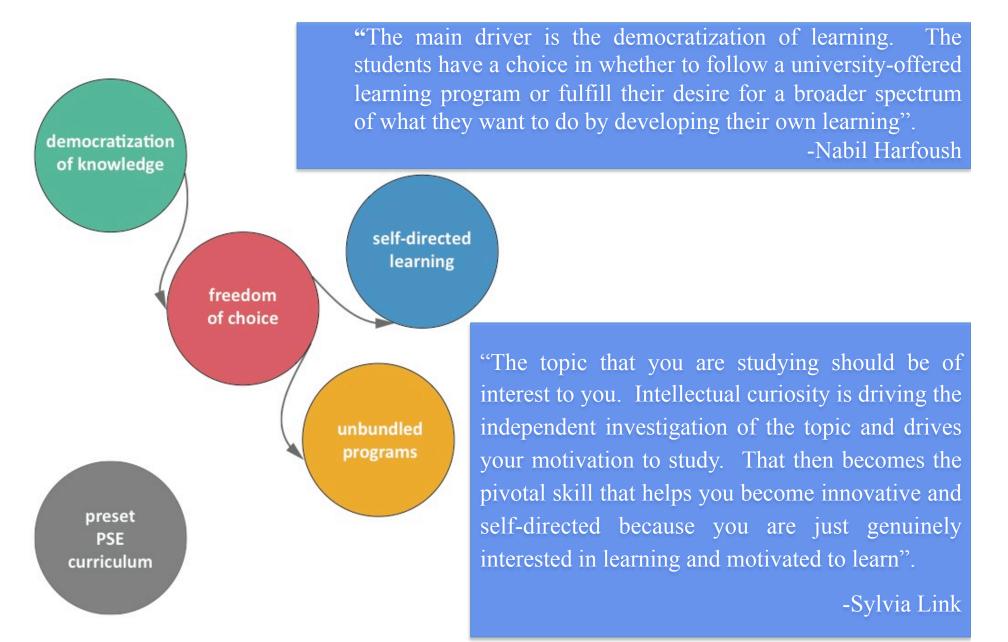
"Some evidence shows that finding the right balance becomes some form of a blended environment of both the use of technology and a face-to-face model. With online learning, technology is going to be part of ecology, an essential part, but it is not a matter of replacing, as it is more of a supplementing and enhancing element. Students are so immersed in technology that this is one of the touchstones, the ways they operate, so there is an expectation that much of it will be accessible through technological modes".

-Mark Robertson





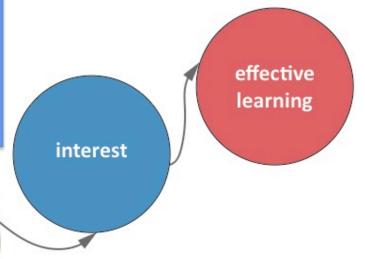
HAVING A CHOICE

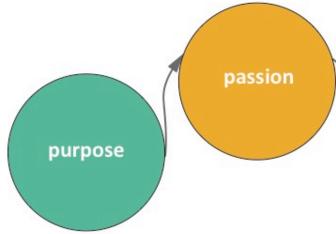


EFFECTIVE EDUCATION

"I think the most effective way to learn is to help students discover their purpose and this purpose will evolve over time. From the purpose you can then derive passion / interest and that can drive effective learning. We learn most if we are interested in something".

-Nabil Harfoush





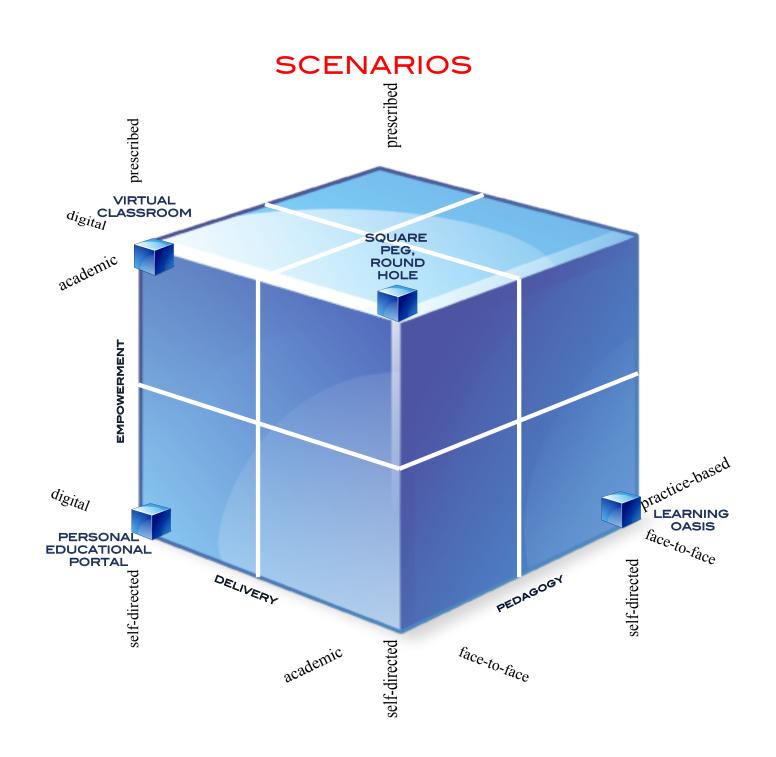
"...universities and colleges should train these /professionals to teach; rather than relying on their knowledge of the subject matter. They may know the subject but they may not be able to teach".

-Patrick Saavedra



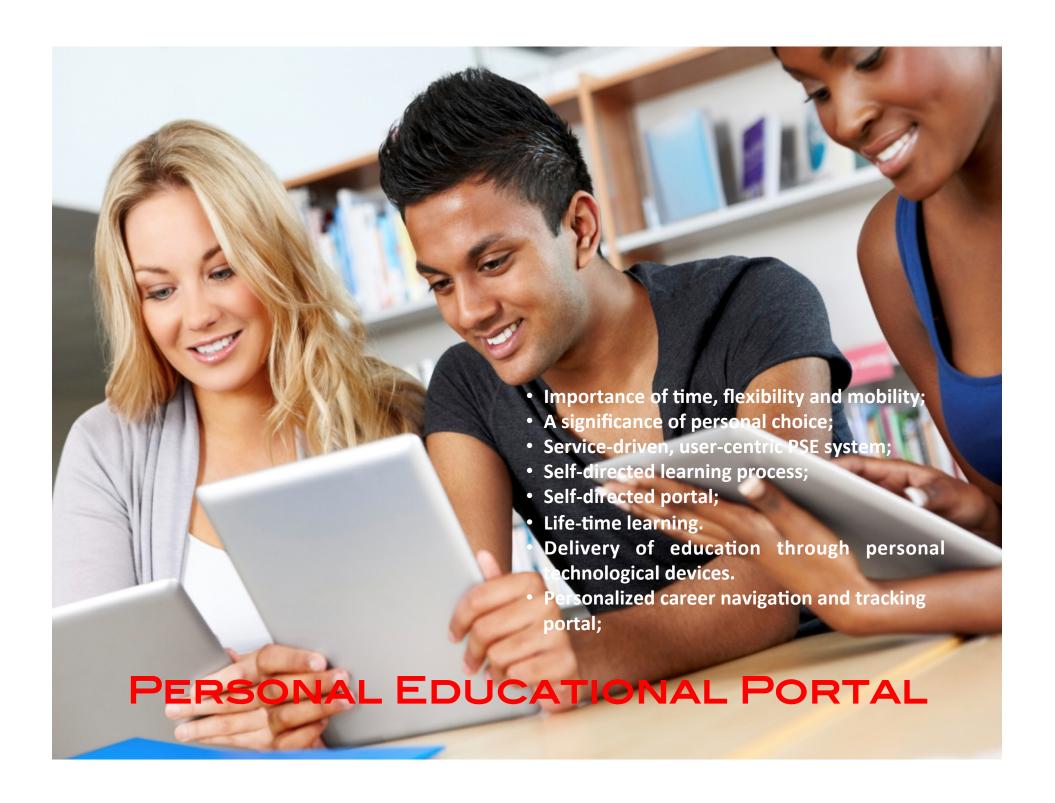
"Why not allow those people to perhaps change their career or upgrade themselves to get educated at a significant discount at 50 or younger for them to be able to re-immerge with the most current information. These people can move up in the ranks if they know computers or get more versatile in technology".

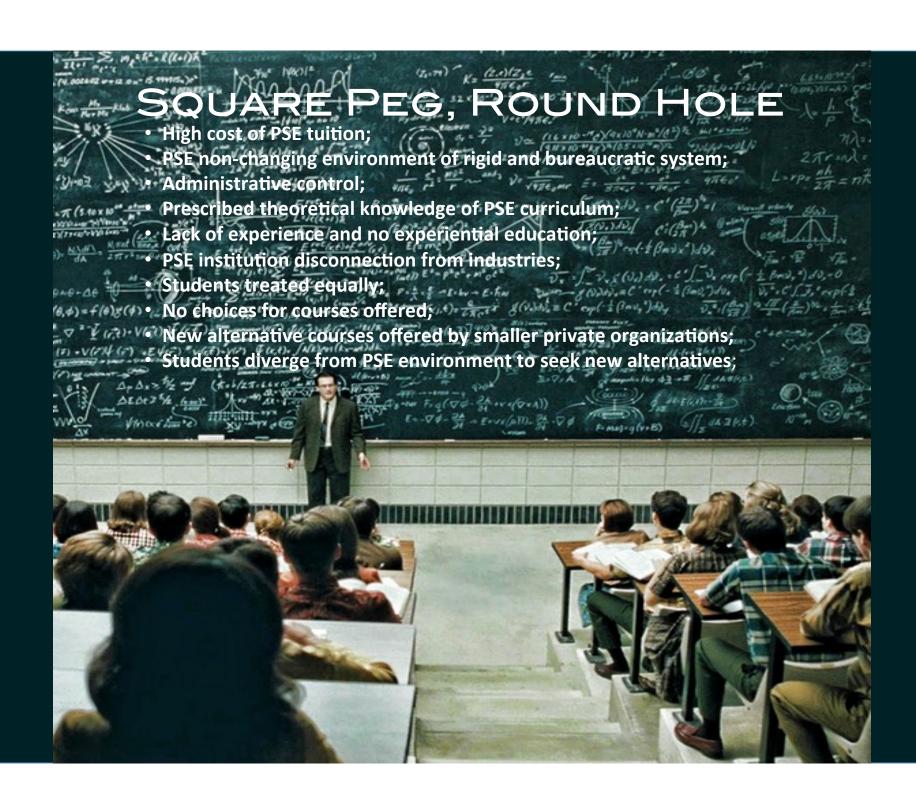
-Vincent Hui

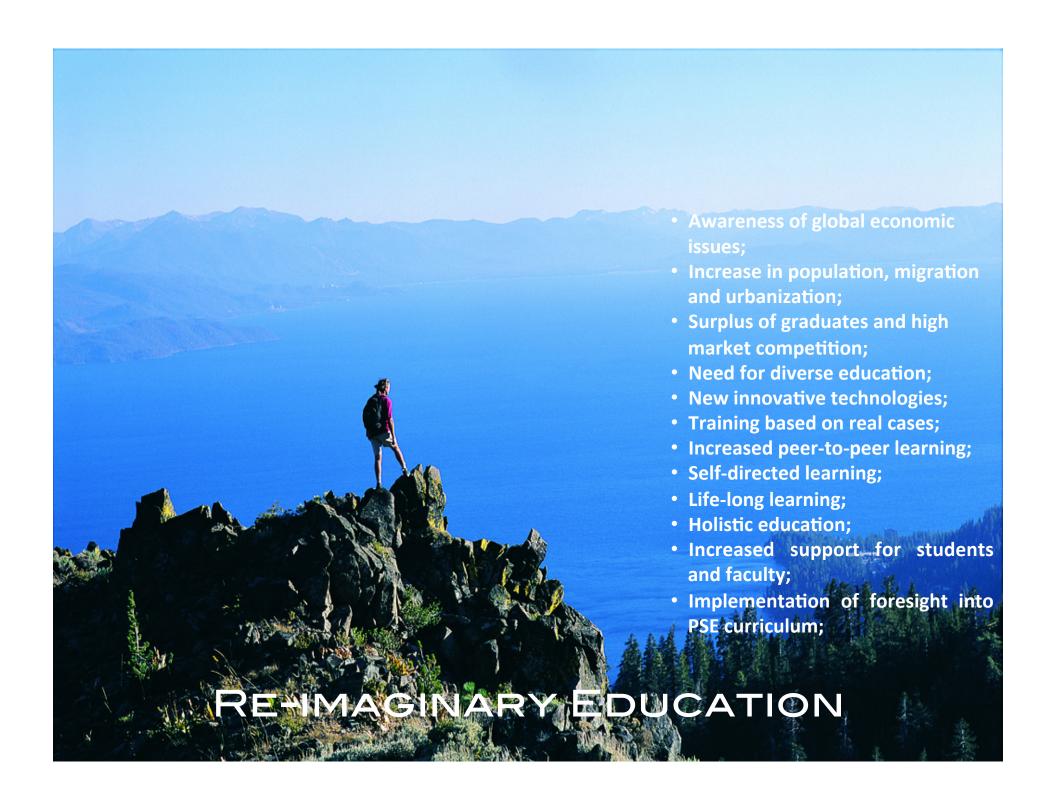




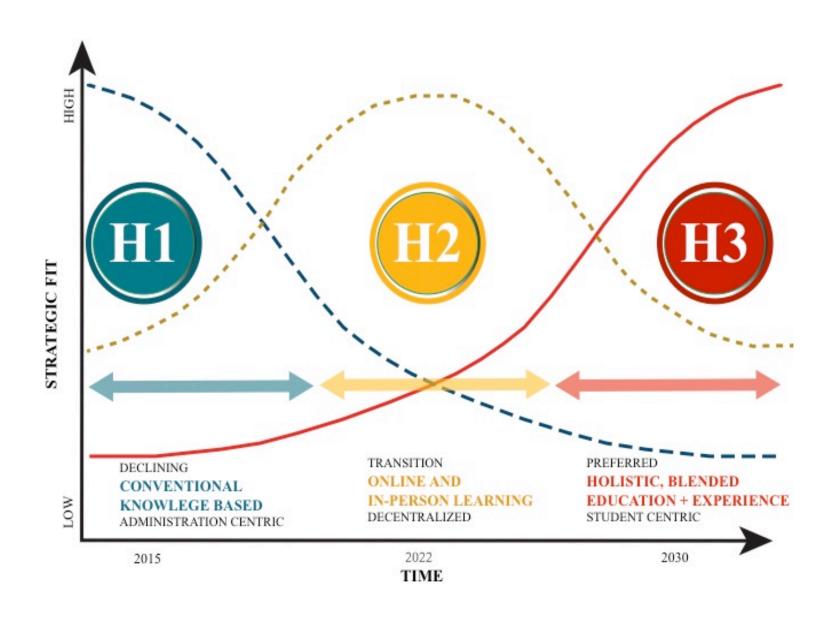




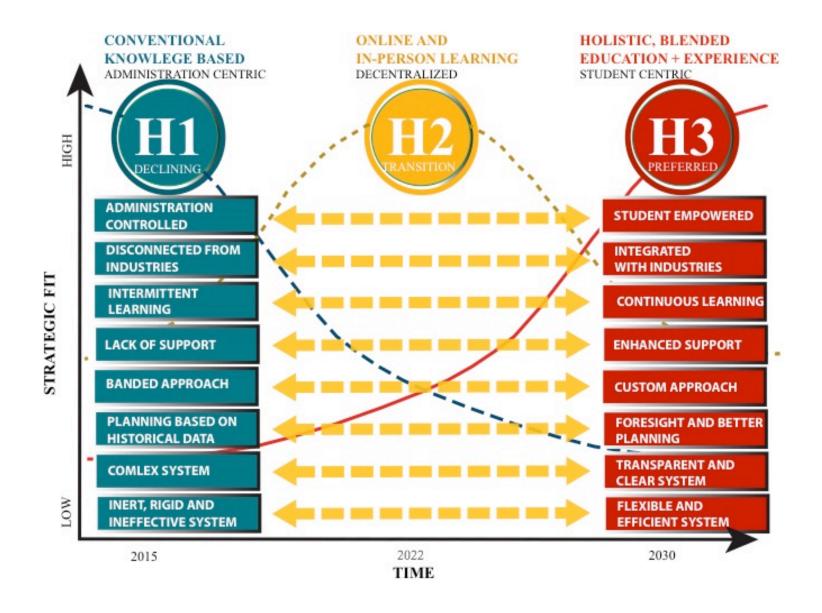




THREE HORIZONS



THREE HORIZONS



STRATEGIC APPROACHES

INDIVIDUALIZED

approach

INTEGRATED

Education + experience
Online & in-person learning

SERVICE ORIENTED Model

Sered NOVALIZED mentorship collaborate and integrated with choices for students industries and STUDENT communities student empowered CENTRED balance teaching and research custom approach CE ORIENTAD

NEW APPROACHES:

INDIVIDUALIZED



- Mentorship and Advice On-line faculty advising;
- Smaller Class Size
- Choice

Through Unbundled Programs

- Personal Student Portal (PSP)
- o Plan your career;
- Find desired courses at a convenient time and location worldwide;
- Track your progress and credits
- Life-Long Learning
 Through University Membership

INTEGRATED



- Blended On-line and In person Learning
- Education + Experience
- o Receive Quality education;
- Internship placement in industry or community;
- Collaborate
 Through Peer-to-peer
 Learning
- Balanced Teaching & Research

SERVICE-ORIENTED



- Instant Access to Course Materials (online)
- Increased Support
- Clarity & Transparency
 University's information is clear
 and accessible via PSP
- Efficient PSE Institution Receive fee discount for courses;
- Well Planned
- Link to universities' events;
- Listen to testimonials of industry professionals;
- Forecast personal progress with PSP

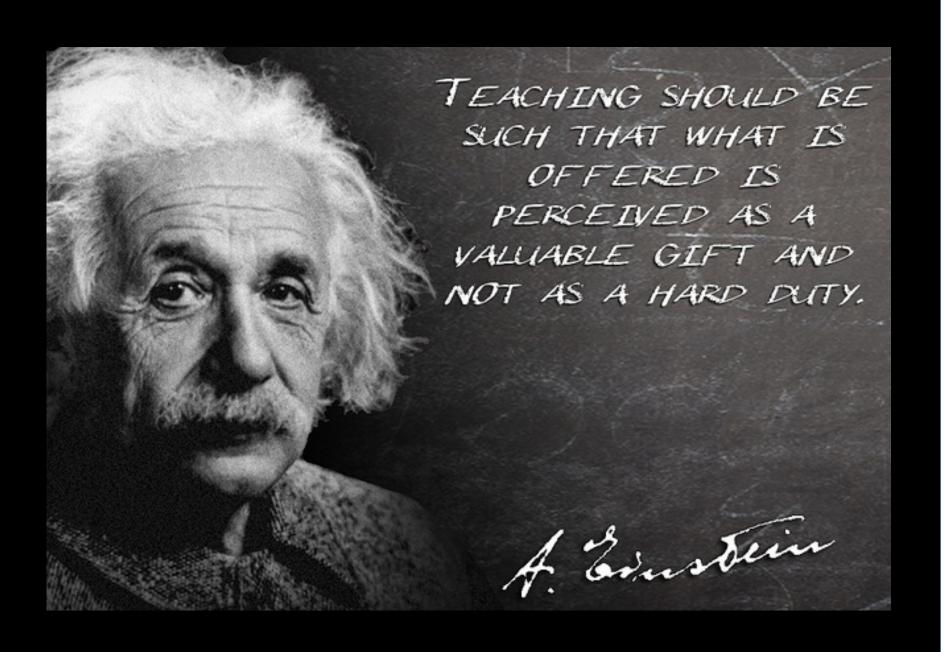
How can we make this happen?

A CALL FOR RADICAL APPROACH

 Disrupt the current PSE system with a smaller scale, unconventional educational model that is independent of the existing PSE system

PSE BUSINESS MODEL INNOVATION

VALUE PROPOSITION	CUSTOMER SEGMENTS	REVENUE STREAMS
Blended face-to-face & online education	High-school graduates	Students' reduced tuition fee based on cost cuts for online courses paid by industry ads
Personal Educational Portal (PEP)		Savings on students' self-directed administrative service
Online advising		Small advising fee for retired faculty
Unbundled courses &	International students	Revenue from larger number of students interested in
virtual classrooms	University or College graduates Professionals after 50	unbundled & distance learning courses
Experience in industry or		Savings from maintainance of physical facilities
community Life-long learning		University's membership
Research & commercial students' projects	Industries	Research funds & students' commercial projects



Reinvent P.S. Education, don't settle for the status quo.

Thank you