Engaging Students Through Technology

SYMPOSIUM 2015

STANTON WORTHAM
Judy and Howard Berkowitz Professor of Education
Faculty Director, Penn Online Learning Initiative
OVERVIEW

ABOUT OLI

5 TRENDS:
1. MULTIPLE PLATFORMS
2. MOOCS AS A MEANS
3. HYBRID DEGREES
1. ACTIVE LEARNING
2. ADAPTIVE LEARNING
ONLINE LEARNING INITIATIVE AT PENN
2012 - TODAY
<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>courses</td>
<td>5 courses</td>
<td>50 courses</td>
</tr>
<tr>
<td>% of schools</td>
<td>25% of Penn’s schools</td>
<td>100% of Penn’s schools</td>
</tr>
<tr>
<td>enrollments</td>
<td>200,000 enrollments</td>
<td>4 million enrollments</td>
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DIGITAL CONTENT PROJECTS

ENTREPRENEURSHIP VIDEO CASE STUDIES
Interview videos with Wharton entrepreneurs and investors form case studies to replace outdated paper-based case studies in MBA Capstone course

INTEGRATIVE SIMULATION FRAMEWORK
Simulation framework to support/integrate programming assignments for computer animation courses

PUBLIC UNDERSTANDING OF EVOLUTION
Original content from Galapagos Islands will be used to create educational modules targeted to Philadelphia middle school students

ALTERNATE REALITY TEACHING
Immersive alternate reality simulation piloted at Wharton SF and will soon be available to all Penn schools

3D GRAPHICS FOR NON-ENGINEERING APPLICATIONS
Interactive web-based course materials bring 3D computer graphics to the non-technical, liberal arts community at Penn

DATA ANALYSIS TOOLS FOR RECITATIONS
Instructional videos to assist Environment Earth Science 200 students with data acquisition
MULTIPLE PLATFORMS

PennX

Free online courses from University of Pennsylvania

The University of Pennsylvania is an Ivy League institution with 174 years of history, located in Philadelphia, serving a diverse community of more than 20,000 students. As one of the top ten universities in the United States, Penn dates its founding to 1740. Penn offers a wide variety of graduate and undergraduate studies.

Wharton, the world’s premier business school, offers courses designed to help you grow as a business leader and make a positive impact on the world. Visit the Wharton website.

University of Pennsylvania MOOCs

Browse free online courses in a variety of subjects. University of Pennsylvania courses can choose to receive a verified certificate for a small fee. Select a course to get started.

University of Pennsylvania

The University of Pennsylvania (commonly referred to as Penn) is a private university, located in Philadelphia, Pennsylvania, United States. A member of the Ivy League, Penn is the fourth-oldest institution of higher education in the United States, and considers itself to be the first university in the United States with both undergraduate and graduate studies.
Examples: ELP’s online courses // Peter Fader’s WHOPPEE collaborative grading tool // Designing Cities Case Studies
HYBRID DEGREES

MOOCs → Digital Content Projects → X-Series → Certificates → Credit-Bearing Content → Online Degrees
Wharton’s New Online Courses Include Incentives

The online MBA that brings you more.

Offered in partnership with Coursera

Powerful blocks of business know-how.

From one of the world’s great universities. That you can stack to build your IMBA.

We call those blocks Specializations.

With each Specialization, you are eligible for certification.

And once you complete the full set of Specializations, you are eligible for a full MBA from one of the world’s great universities.

REQUEST MORE INFORMATION
APPLY TO HBX CORe

Upcoming Cohort Dates
So what is adaptive?

Learning should be adaptive in two ways. Students should receive unique feedback and an adapted learning pathway.

Learn More
THANK YOU

and enjoy the symposium!

Penn Online Learning
@PennOnline
onlinelearning.upenn.edu