Active teaching and learning: stimulating students' engagement at Paris Descartes University

Xavier Coumoul¹, Anne Laude², Pierre Buffet³, Ludivine Alvarez⁴, Marion Harent⁵, Stéphanie Lehu⁶, Thierry Koscielniak⁷

¹²³⁴⁵⁶⁷ Paris Descartes University, Sorbonne Paris Cité University 45 rue des saints-pères, 75006 Paris, France

² Professor of Law, Dean of Law College anne.laude@parisdescartes.fr

Keywords

eLearning, game-based learning, social learning, gamification, BYOD

1. Summary

In this presentation we will examine six concrete examples that will demonstrate how student's engagement can be stimulated by different kinds of online activities at Paris Descartes University. We will demonstrate innovative ways to use Moodle forum before, during and after a lecture. You will hear feedbacks from teachers and students on several interactive, game-based or social learning activities.

2. Outcomes

- Learn how to perform easy to use interactive online activities before, during and after lectures
- Explore how online activities enhance learning experiences
- Exchange on feedbacks from students and teachers

3. Extended Abstract

Six examples of innovative teaching and learning activities will be demonstrate. Most of the values comes from mixed experiences online and during lectures.

1- Interactive BYOD sessions with LMS Moodle during lectures .This activity has been described at EUNIS 2014 conference. Results and further developments will be described.

¹ Professor of Biochemistry and Toxicology, Biomedical Sciences College xavier.coumoul@parisdescartes.fr

³ Professor of Medecine, MD, Medecine College pierre.buffet@parisdescartes.fr

Instructional Designer, Digital Pedagogy Office ludivine.alvarez@parisdescartes.fr marion.harent@parisdescartes.fr

stephanie.lehu@parisdescartes.fr
Executive Director, Digital Pedagogy Office thierry.koscielniak@parisdescartes.fr

- 2- Students are co-writing an article on Law during Master courses. They use a pad application which permits synchronous writing under the supervision of the professor. The resulting article is copied on Wikipedia at the end of the group work.
- 3- After a series of Medecine lectures, final Q&A sessions are organized using an online forum. More than 1500 students could prepare questions three days before the session. Answers are given in the theater. Ranking of questions is possible via a « like » feature.
- 4- « Chemist jeopardy » and « Cell signalisation Grand Slam » are activities based on the same model of online quizzes with rewards.
- 5- « Campus life »: students may ask online a question after each lecture. The most liked get a reward badge and is answered during the next lecture.
- 6- « Game of Throbes » A trivial pursuit like game which is performed live with students groups. A lot of fun and emulation on a very serious subject: infectious diseases.

4. REFERENCES

Emery, S. (2012). Factors for Consideration when Developing a Bring Your Own Device (BYOD) Strategy in Higher Education. Retrieved February 14, 2016, from: https://scholarsbank.uoregon.edu/xmlui/bitstream/handle/1794/12254/Emery2012.pdf?sequence=1 Fang, B. (2009). From Distraction to Engagement: Wireless Devices in the Classroom. Retrieved February 14, 2016. From: EDUCAUSEreview http://www.educause.edu/ero/article/distraction-engagement-wireless-devices-classroom.

Badeau-Mahmoud et al. (2014) *Interactive lectures with Moodle and students' devices: BYOD at Paris Descartes*. Retrieved February 14, 2016. From: EUNIS international congress 2014. http://www.eunis.org/download/2014/papers/eunis2014_submission_19.pdf

AUTHORS' BIOGRAPHIES



Thierry Koscielniak is Executive Director of the Digital Pedagogy Office of Paris Descartes University, France.

www.parisdescartes.fr

He is a member of the EIRA (**EUNIS Research and Analysis Initiative**) editorial committee and EUNIS E-learning task force.

He is member of the French association of Digital Education Departments in Higher Education ($\underline{www.anstia.fr}$).

As a member of the IT Strategic Steering Board of his university, he plays a role in strategic planning and policy development for information system, infrastructure and programs.

His department is in charge of the LMS Moodle, of the e-portfolio management system Mahara and of the university social network based on Elgg: http://carnets.parisdescartes.fr

Thierry completed his Ph.D. in Computational Chemistry at Pierre et Marie Curie University.

https://www.linkedin.com/in/tkoscielniak

twitter: @tkoscielniak