Titre: Title:	Collaboration between faculty members and the Center for teaching and learning at Polytechnique Montreal
Auteurs: Authors:	Anastassis Kozanitis, & Lina Forest
Date:	2013
Type:	Communication de conférence / Conference or Workshop Item
Référence: Citation:	Kozanitis, A., & Forest, L. (2013, June). Collaboration between faculty members and the Center for teaching and learning at Polytechnique Montreal [Abstract]. Canadian Engineering Education Association Conference (CEEA 2013), Montréal, Québec (1 page). https://doi.org/10.24908/pceea.v0i0.4904

URL de PolyPublie: PolyPublie URL:	https://publications.polymtl.ca/66232/
Version:	Version officielle de l'éditeur / Published version Révisé par les pairs / Refereed
Conditions d'utilisation: Terms of Use:	Creative Commons Attribution-Utilisation non commerciale 4.0 International / Creative Commons Attribution-NonCommercial 4.0 International (CC BY-NC)

Document publié chez l'éditeur officiel
Document issued by the official publisher

Nom de la conférence: Conference Name:	Canadian Engineering Education Association Conference (CEEA 2013)
Date et lieu: Date and Location:	2013-06-17 - 2013-06-20, Montréal, Québec
Maison d'édition: Publisher:	Surveillance Studies Network
URL officiel: Official URL:	https://doi.org/10.24908/pceea.v0i0.4904
Mention légale: Legal notice:	

Collaboration between faculty members and the Center for teaching and learning at Polytechnique Montreal

Anastassis Kozanitis and Lina Forest, *Center for teaching and learning, Polytechnique Montreal*

Abstract. The Center for teaching and learning at Polytechnique Montreal (PM) was created in 1977. Its mission is to encourage and help instructors to improve their teaching, and ultimately, contribute to improve student learning at both undergraduate and graduate levels. Among its many activities, the CTL provides a compulsory orientation, training, and integration program for new faculty members; offers consultations, workshops, and conferences; manages grants for pedagogical initiatives; and conducts house studies on pedagogical or academic issues. With time, CTL has had the opportunity to collaborate with PM leaders and faculty members, on a number of issues. For example, it has conducted house studies on the following topics: students' learning strategies; students' motivation to learn within different pedagogies (project-based; e-learning; traditional lecturing); three year follow-up study on the impact the revised programs have had on student learning and retention. CTL has published many articles whether in scientific or professional journals. CTL encourages and provides support for faculty members that publish in general or discipline specific engineering education journals.

PM also funds and conducts engineering education research projects with the MATI (*Maison des Technologie*, house of technologies), specifically on the use of technology in the classroom and innovative pedagogy. MATI is a three-way partnership between HEC Montreal, University of Montreal and PM. They are currently working on the e-portfolio for the development of professional attributes in engineering.

PM has also created a new category of instructors, called "*chargé d'enseignement*". Their job is to teach full time at the undergraduate level. What sets them apart from ordinary part time instructors is that they must conduct research on their teaching, and actively participate in engineering education conferences.

Finally, PM is contemplating allocating a chair for the scholarship of teaching and learning. This chair would be under a faculty member' responsibility, and would help fund research on engineering education. It would also allow hiring PhD and master's degree students.