

**Audience response technology: International collaboration to enhance learning**

This paper will describe an international collaboration that is structured around the exploration of the potential of an audience response system to enhance learning and teaching. As an audience response system was standardized on the Iowa State University’s (ISU) campus, there arose the need for a careful assessment of the impact and pedagogical implications of this technology on teaching and learning. ISU’s Center for Excellence in Learning and Teaching (CELT) initiated the collaboration with Nizhyn State University (Ukraine), where the audience response system was implemented across a range of teacher preparation courses. This paper will particularly depict two venues of the international partnership: the organization and logistics of the international research on instructional technology and the preliminary results of the investigation of the effects of an audience response system on student engagement and interactivity and instructor teaching style.

With regards to the logistics of setting up international research, this paper will present a process that relies on the following elements:

1) past history of working relationship between the two educational establishments;
2) design of a research question to pursue a new international collaboration;
3) assemblage of teams to be involved in the investigation;
4) on-site visits by representatives of such teams;
5) design and development of research instruments and organization of a pilot study;
6) collection of international data;
7) collaborative analysis of the data;
8) recognizing new opportunities for further collaborations.

The second half of the paper will be dedicated to the discussion of the preliminary results and implications of the impact of the response system on learning and teaching.