Asynchronous Video for Student Interaction in Discussion Forums

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The Problem:

Learners have reported that they miss face-to-face contact when learning online (Stodel, Thompson & MacDonald (2006)).

Participants indicated that perceived lack of sense of community if a major challenge in online courses (Song, Singleton, Hill & (2004)).
The Problem:

Houssein Hammoud  
RE: Technology, Health, and Medicine

I think health care is more about money than patient care. It's sad to see that they worry more about profits than the needs and care of patients. It's to the point where people avoid going to the doctor's or the hospital in order to avoid paying bills they can't afford. My mom went to the hospital to get her gallbladder removed. The end cost was 24,000 dollars. That is outrageous. She also said they treated her like a job instead of a person. Hopefully with the advancement of technology, it, in turn, would reduce the price of medical procedures.

Zhaoxuan Wu  
RE: Technology, Health, and Medicine

I think you have a good point, and I also think the medical price is very experience. It is outrageous that there are many people did not have enough money to pay. So I think robot will help me solve this problem. I think robot can help me do some difficult operative treatment. It will give us a low price.

Jason Bitter  
RE: Technology, Health, and Medicine

I agree whole-heartedly about cost, after leaving a company I was employed with for 20 years with health care supplied, I had to sign up for “Obama-care”. What a shock the last 8 months have been. Not only am I paying $250 per month, but I have a $6000 deductable which I have already had to meet. The system needs to be fixed, and if using applications and monitoring devices can further help in preventing health related issues and allow me to monitor myself
Research:

The CoI framework defined social presence as the ability of participants to project their full personality emotionally and socially in mediated communication (Garrison et al., 2000).

Research has shown it to be helpful to establish social presence effectively and efficiently while still retaining a high level of flexibility and reflection (Borup, Graham, & Velasquez, 2011; Borup, West, & Graham, 2012; Griffiths & Graham, 2009a, 2009b).
Research:

Social presence can be established in an asynchronous text-based environment, but the lack of visual and vocal cues can make establishing social presence difficult (Garrison et al., 2000)

Online students’ perceived social presence to be significantly correlated with students’ perceived learning in the course (Caspi & Blau, 2008; Picciano, 2002; Swan & Shih, 2005).
The Process:

What's so great about Google E-mail at Kent State University?

- **Built-in chat**
  With just one click, you can chat with the people you already e-mail. You can even reply to an e-mail by chat. And Google E-mail can archive all of your chats, making them searchable, so you never lose any valuable information.

- **Search your e-mail**
  Use search to find the exact message you want, no matter when it was sent or received. You don't have to spend time sorting your e-mail. Just search for a message when you need it and we'll find it for you.

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  Over 7,500 megabytes of free storage so you'll never need to delete another message.

- **Create and edit documents online**
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Sign In

User Name: @kent.edu
Password: 

Sign in

Need assistance? Contact the Helpdesk: [http://support.kent.edu](http://support.kent.edu) or 330-672-HELP (4657)
The Process:
The Process:
The Process:

https://youtu.be/GfmSw6mKwxE
The Process:

Houssein Hammoud
Cultures that do not rely on Technology

https://youtu.be/R1vzb3J3Tqk
Sample Video Discussion:

What is a technology that was invented over 100 years ago that still plays a major role in society today?
Sample Video Discussion:

Without having a political debate, what are positives and negative aspects to an individual using a personal server to conduct business at an off-site facility?
Student Survey:

*Community of Inquiry*

*Social Presence*
*Affective expression*

Getting to know other course participants gave me a sense of belonging in the course.

I was able to form distinct impressions of some course participants.

Online or web-based communication is an excellent medium for social interaction.

*Open communication*

I felt comfortable conversing through the online medium.

I felt comfortable participating in the course discussions.

I felt comfortable interacting with other course participants.

*Group cohesion*

I felt comfortable disagreeing with other course participants while still maintaining a sense of trust.

I felt that my point of view was acknowledged by other course participants.

Online discussions help me to develop a sense of collaboration.
Student Comments:

It was sort of a culture shock, to see my fellow classmates for the first time. It's funny, based upon the text discussions I had with certain individuals, I had conjured up in my own mind what some of these individuals looked like. In fact, I even found myself stereotyping them based upon their grammar and language usage. However, I was surprised to see that they looked nothing like I had supposed. So, there was this adjustment of opinion taking place after having seen my classmates on video.

It was interesting to me to see the people in our class that I was text discussing with each week. I was surprised to see and hear from many of the people that I often agreed with our commented to during text discussion. As a whole watching everyone’s video gave me an overview of the class’s diversity that I perhaps couldn’t see by reading their names and comments. It's nice to see who you are discussing topics with and did make it more interesting.

Yes, there was definitely a humanizing aspect to watching those videos. When a person can see the mannerisms of another person, during a discussion, those actions speak just as loudly as the words. So, there is depth added to the conversation by seeing the person in action.
Student Comments:

I personally feel that text discussions are better because more people feel better about typing a disagreeing answer to a question. Video chat may be too social awkward for some. Me personally I agree with using both styles and learn greatly from each.

I prefer to stick to the text method. Online classes are not "in-person" for a reason. People have less time, live far away, need to work from home, or don't care to directly interact with their classmates. The video discussions were too much in my opinion.

Other than seeing what the students look like, the videos are much less informative than text. The video is much more asynchronous than the text (and the text isn't great). It's a walkie-talkie on the best day.
Future Research:

sound + images = VOICETHREAD

AUDIO VIDEO TEXT
Future Research:

• Social presence
• Community
• Student/student and student/instructor interaction
• Motivation
• Student performance

What differences in social presence, if any, did students perceive between video versus text-based communications?

Does the use of asynchronous video inhibit or enhance these students’ abilities to establish their personal social presence (i.e., project themselves as real people) and perceive the social presence of others?
References:


