

Dr. Kirsten Ellis  
Computer Human Interaction & Creativity  
Ctr for Org & Social Informatics  
**Email:** Kirsten.Ellis@monash.edu

## **Biography**

Kirsten Ellis has a strong technical background and has experience in designing, developing and evaluating systems for people with unique requirements. Her research interests include human computer interaction and how technology can create a more inclusive society. She had developed multiple resources using a variety of technologies including on the Nintendo DS lite, iPad, iPhone, Android and the Microsoft Kinect. In addition, she also researches innovative technologies to create tangible objects as authentic learning experiences.

### **Australian Sign Language**

Her current specialisation is in teaching sign language to hearing people so that they can interact with deaf people in a common language that is fully accessible to all participants and she has designed and developed multiple resources to enable this. Kirsten has conducted research in how the use a whole range of technologies to improve the learning experience and learning outcomes.

### **Attention Training Games**

She was part of a team that conducted research on the potential for using touch technologies for improving the attention of children with developmental disabilities.

### **Young Children and Technology**

Kirsten Ellis has researched two year old children using technology in terms of behavior, interaction style and concentration span. This work has tracked how new technologies are making computer accessible to even the youngest members of the community.

### **Clinical Trials**

Kirsten is currently undertaking research on how to utilise the distributed nature of the internet to facilitate large scale medical projects. These project deal with the collection and distribution of information in a medical context that has not been previously possible.

### **littleBits Puppets**

Brining together technical and creative skills Kirsten is involved with creating puppets that can be controlled with new technologies. The puppets use off the shelf technology to facilitate a creative and fun side to technology that is of interest to a more diverse range of users and developers.

## **Qualifications**