

## ISH 2019: Lecture 1

The course materials will be different for this class. There will be **no lecture slides** for this class. Instead, the course materials will be provided as documents with hyperlinks like this.

### **Why no powerpoint?**

<http://theconversation.com/lets-ban-powerpoint-in-lectures-it-makes-students-more-stupid-and-professors-more-boring-36183>

### **You cannot pass this class without engaging with the course materials.**

Assigned reading to be completed before class (all readings examinable):

- [Jeff Johnson. Designing with the Mind in Mind: Simple Guide to Understanding User Interface Design Rules. Morgan Kaufmann. 2 edition \(2014\)](#)
- [I. Scott MacKenzie. Human-Computer Interaction: An Empirical Research Perspective. Morgan Kaufmann \(2013\)](#)
- [Paul Dourish. Where the action is. MIT Press \(2001\)](#)
- [Deborah Levinson and Tania Schlatte. Visual Usability. Morgan Kaufman Publishers \(2013\)](#)
- [Donald Norman. The Design of Everyday Things. MIT Press \(2013\)](#)

What is HCI

### **Does electrocuting people in VR make more realistic experiences?**

<https://dl.acm.org/citation.cfm?id=3174020>

### **How can we improve typing on mobile phones?**

<https://dl.acm.org/citation.cfm?id=2793711>

### **Should Alexa have a personality?**

<https://dl.acm.org/citation.cfm?id=2827183>

Who am I?

<http://www.juliericowilliamson.com/blog/about>

Syllabus

Moodle is your first point of contact for all questions about this course. Read Moodle before you ask questions about this course.

<https://moodle.gla.ac.uk/course/view.php?id=865>

Assessment 1 (Individual)

Read the five reproducibility papers below and write up a 500 word summary for each paper. Submit this via Moodle (date TBA).

### **(Papers TBA)**

Antti Paper (Browse)

Mobile Target Selection? Mark Dunlop keyboard layouts?

Qualitative? Focus group study – gesture elicitation? (find one with good prototype)  
Alexa or siri? Or online agents?

### Assessment 2 (Group)

Details TBA: Reproduce results of study from one of the papers listed above.

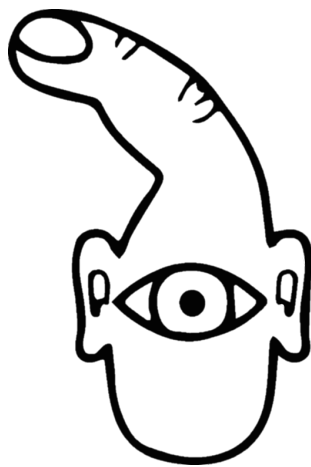
Due week 10

Week 11 for comparison of results and group presentations

### Assigned Reading

Where the Action Is (Chapter 1, Chapter 4 pgs 1-7)

Visual Usability (Consistency, pgs 1-15, Hierarchy, pgs 1-10, Layout, pgs 1-15, Colour, Pgs 1-23)



“How the computer sees us”

### Ethnography

#### What is ethnography?

<https://www.pps.org/article/wwhyte>

#### Ethnography in Computing

<https://dl.acm.org/citation.cfm?id=2804405>

### Visual Layout

#### Consistency

<https://www.kayak.co.uk/>

<https://www.opodo.co.uk/>

#### Hierarchy

<https://www.reddit.com/explore>

#### Layout

<https://www.bbc.co.uk/>

#### Colour

<https://www.youtube.com/>