

Utah School of
Computing

PBS Nova: *Face to Face*

CS5540 HCI
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Fall 2008

What is relevance to HCI ? - 1

1. Our *face* is an human-human interface
2. Interfaces are complicated
3. Interfaces are subtle
4. Role in HCI for subliminal effects ?
5. User response can be hard to judge
 - Face hard to interpret, at times

What is relevance to HCI ? - 2

6. Cultural differences pertain to HCI design
 - Useful HCI design info ?
 - HCI diffs: Japan v. USA
7. Humans have special processors
 - Useful HCI design info ?
8. Physiological principles pertain to HCI
9. Human behavior principles pertain to HCI

What is relevance to HCI ? - 3

10. Human response is highly variable

11. Inputs not accepted well in some excited states

12. Understanding facial communications can lead to better HCIs

- Can we use this special processor?

What is relevance to HCI ? - 4

13. Nonverbal, nontextual communications can dominate effect

14. Emotion has a role in interfaces

- How ?

15. Some people have phobia

- Be aware of idiosyncratic behavior
- 13th floor?

What is relevance to HCI ? - 5

16. Face-to-Face is preferred to machine mediated communications

- What are design implications ?

17. Anthropomorphic designs

- Evocative?

18. Context plays significant role in human response

What is relevance to HCI ?

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