HCI/d M.S. Degree Poster Show

Combined with Informatics B.S. Degree Poster Show

President’s Hall

The Eighteenth of April, Two Thousand and Twenty-Four
Decoding Algorithmic Impact

Why is this important?

Over 50% of Americans self-identify as overweight, and society values thin women.

According to Mirror Beauty standards, physically attractive women are white, thin, and tan only.

Now more than ever, when standards go through social media, and new technologies, negative social and idealized bodies are depicted;

Not only do these standards play into how women view themselves, but they also shape how women view themselves.

Study Procedure (8 weeks, n=10)

Experimental Group

1. Participants wear a mirror that shows their ideal body
2. Participants wear a mirror that shows their actual body
3. Participants wear a mirror that shows an average body

Results

Any participant who does not meet the ideal body image is given a standard dressing

Any participant who meets the ideal body image is given a reward

Any participant who is given a reward is given a standard dressing

Procedure to be completed daily:

1. Participants are given a standard dressing
2. Participants are given a reward
3. Participants are given a standard dressing

Conclusion:

The algorithmic impact of social media and beauty standards on women's mental health and self-esteem needs to be addressed.
A design framework for trust building in remote teams using VR games

The proposed framework, based on trust formation theories, can design the flow of icebreakers and collaborative games, fostering trust and improving collaboration in distributed teams.
Raising awareness about ethically sourced food at grocery stores

Why is this important?
72% of adults believe consumers are choosing food

Identified Problem
• Current data on ethical food sources is not

Learning activities
• Understanding consumer attitudes and preferences
• Creating a user-friendly interface

Design Solution

Insights
• Trend analysis
• User preferences
• Ethical food sources

How might we make information more easily accessible while browsing eggs at grocery stores?
Reimagining TikTok’s Content Recommendation System

The use of TikTok was associated with a high social comparison and a negative body image, with over 50% of the users expressing a negative body image in young adults.

RESEARCH

KEY INSIGHTS

THEMES

How might we help users of TikTok effectively process negative social comparison and reduce the negative body image?