

# Exploration of Interests

Shannon Holloway  
IDM Pre-Thesis  
NYU Tandon School of Engineering  
September 14, 2016











26



SCORE: 000

**STATUS** **WU**

**Daphne Willson**

**Figure 1** | Schematic representation of the experimental design. The subjects were divided into two groups: control and intervention. The control group received standard care, while the intervention group received standard care plus a specific intervention. The study was conducted over a period of 12 weeks.

WALL

170

**PHOTO**

Physics 100  
 Chemistry 100  
 Biology 100  
 Mathematics 100

1000

11

the  
the last night, and returned to a really  
normal sleep, but about three or four  
days ago, however.

[illegible]

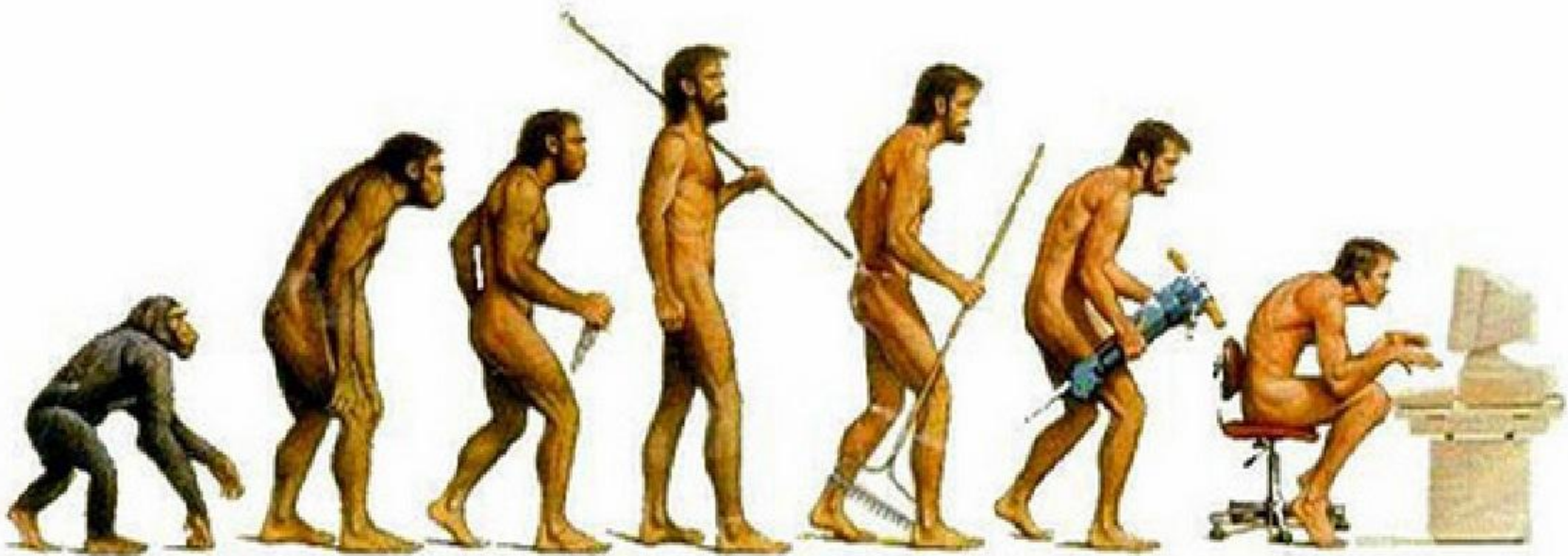




























Calvin Klein









LOADING...

Remember to be alert at all times.  
Stay aware of your surroundings.









	A	B	C	D
1		<b>Concept 1: The design of digital interactions affords information overload, attention colonization, and online addiction.</b>	<b>Concept 2: The desire for human-machine symbiosis propels human adaptation to new technologies: techno-fetishism, digitally-mediated relationships and redefined social capital.</b>	<b>Concept 3: Digital experiences are in direct conflict with our awareness of and interaction in the physical environment.</b>
2	<b>Q 1: Who is interested in this topic?</b>	Researchers, designers, psychologists, citizen watchdogs, advertisers, corporations, media conglomerates, technologists, public who uses digital tools often	Researchers, designers, theorists, economists, psychologists, historians	Researchers, designers, psychologists, architects, policy makers, technologists, public who uses digital tools on the go often
3	<b>Q 2: Why should we care about this topic?</b>	To increase awareness of the value of our attention resources, how the way its designed can contribute to negative outcomes, and who might be benefiting	To better understand how our full embrace of technology and progress is reshaping socieity, identify ways humans have adapted to technology over time	To discover how virtual and physical realities coexist but conflict, raise awareness of impact on issues such as public safety and social interactions
4	<b>Q 3: How might human-centered design help solve this problem?</b>	Research would define everyday human needs for information and cognitive processing limits, prototype more user-friendly ways of presenting information, design guidelines on how designers and users can avoid perpetuating the problem	Research would reveal what kinds of ways humans are adapting to digital tools unaware or unwillingly, insights toward how to design more natural technology use, what makes us human that has not adapted	Research would identify ways digital experiences enhance or diminish our experience of physical environment, user needs in various contexts, design ways the virtual and environment can better coexist