









Art/Health Problem

How do I know?

- 
- How do I know?
 - **What do I want to know?**
 - Who cares?
 - What do I know?
 - What are the consequences?

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Research

- How do I know?
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Research

- OED-The act of searching, closely or carefully, for or after a specified thing or person.
- Discovering new perspectives, or new information.
- Work directed towards the innovation, introduction, and improvement of products and processes.

Research

- “Research is defined as human activity based on intellectual application in the investigation of matter. The primary purpose for applied research is discovering, interpreting, and the development of methods and systems for the advancement of human knowledge on a wide variety of scientific matters of our world and the universe. Research can use the scientific method, but need not do so.” Wikipedia

Research

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Research

□ Process

- What I want to know-Reason/
Idea
- What is the Context
 - ▣ Who cares?
 - ▣ What do I know?
- How do I know?
- What are the consequences?

□ Paper

- Introduction
- Background
- Methodology
- Conclusion

What do I want to know?

Research Question

Or

Research Objective

What do I want to know?

- Science
- Design
- Art
- How does the world work?
- Solve a problem
- Improve efficiency
- Add functionality
- Explore experience, Aesthetics, Culture

What do I want to know?

- Science
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What do I want to know?

- Science
- Design
- Art
- How does the world work?
- Solve a problem
- Improve efficiency
- Add functionality
- **Explore experience, Aesthetics, Culture**

What do I want to know?

- Art in Health care and wellness

What is the context

- Who cares?
- What do I know?
- Reference ideas to support argument
- Define terms
- Literature Review

How do I know?

- Methodology
 - ▣ Quantitative – data handled as quantities (measured)
 - ▣ Qualitative – data handled as qualities (described)

How do I know?

- **Third Person (User) Data**
- What is measured during an experiment
- What the researcher observes
- what participants say
- **First Person (self) Data**
- What you measure (heart rate etc.)
- What you notice yourself doing
- What do you say to your self



- Validity!!!!!!!

- How do you convince the audience that your data is accurate?

- Use accepted types of data

- Use more than one method (triangulate)

- Include transcripts



What are the consequences?

What are the consequences?

- Analysis
 - ▣ Adding meaning

- Conclusion (Discussion)
 - ▣ Put all the work in perspective
 - ▣ Summarize the paper

Paper structure

- Abstract
- Introduction
- Background Research
- Method (Implementation)
 - ▣ Process
 - ▣ Participants study
- Conclusion (Discussion)
- Reference

Research Tools

- ACM digital library
- Google Scholar
- Leonardo
- Amazon.com

Research paper requirement

- Find a conference for your paper
- ACM extended abstract Format
- <http://chi2013.acm.org/authors/format/#extendedformat>
- Short Paper 4pages

- Nov.19 Research/Individual Team meeting
- Nov.21 Workday
- Nov.26 Technical Rehearsal, Presentation Slides ready
- Nov.28 PRESENTATION
- Nov.29 Provide Images/2-min Video to Architecture Partners
- Dec.4 Technical Rehearsal for VIST show
- Dec.5 VIST Show
- Dec.10 Due for Research Paper, Documentation Video, Blog



□ Nov.26 Technical Rehearsal Schedule

- 3pm Ivan, Kevin

- 3:20pm Erica, Kaitlyn

- 4:20pm Matthew, Martin, Brad

- 4:40pm Colin, Collin, Evan

- 5pm Cindy, Alli, Spencer

- 5:30pm Thomas, Kevan, Kay leigh

- 6:30pm Langford Bridge



- Nov.28 Presentation

- 3:30pm Erica Kaitlyn

- 5pm Matthew, Martin, Brad

- 5:30 pm Colin, Collin, Evan

- 6pm Cindy, Alli, Spencer

- 6:30pm Thomas, Kevan, Kay leigh

- 7:30pm Ivan, Kevin

- 8pm Langford Bridge