

COS IW 07: Mobile Computing Design for Assistive Technology



Prof Kyle Jamieson, TA Minsung Kim, TA Jinjin Zhao

Seminar Staff

Prof Jamieson



- Office Hours: Wed 10:30-11:00, Thurs 10:30-11:00, *et al.* ([WASE](#))

Minsung Kim



- COS grad student TA
- Office Hours: Mon 15:30-16:00, Tue 15:30-16:00, *et al.* ([WASE](#))

Jinjin Zhao

- COS Undergraduate TA

And You (Student Introductions):

Introduce yourself, 15/20-second elevator pitch of your idea

Why are we here?

- **To give you an independent, synthesizing experience** in which you work on a significant research or design project
- Learn important **skills**:
 - **Systems building**: “Make something people want”
 - **Communications**: Technical writing, technical speaking
 - **Project management**

www.cs.princeton.edu/courses/archive/fall18/cosIW07

COS IW 07 Mobile Computing


Secure | https://www.cs.princeton.edu/courses/archive/fall18/cosIW07/syllabus.html

COS IW 07 Mobile Computing Design for Assistive Technology: Syllabus

[Home](#) [Syllabus](#) [Reading List](#) [Piazza](#)

Schedule

Also available as an [ical file](#) that you can subscribe to. This schedule is preliminary and subject to change.

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Date	Topics	Readings	Notes
Wed 09/12	Seminar Intro and Brainstorming Exercises. Guest Speakers Kun Woo Cho (G-W author); Mary Albert and Damian Sian (User Experience Office).	GazeWasserstein	Fall term classes begin
Thu 09/13	Attend the "Getting Started" Information Meeting		
Wed 09/19	Brainstorming; Project Proposal Development and Discussion		
Tue 09/25			Undergraduate deadline to add or drop courses without a fee
Wed 09/26	Project Proposal Development and Discussion		
Wed 10/03	Proposal Talks		Submit a Written Project Proposal
Wed 10/10	Proposal Talks		
Mon 10/15			BSE Funding Deadline
Wed 10/17	Status Reports, Discussion, and Feedback		
Mon 10/22			Submit a Checkpoint Form
Wed 10/24	Status Reports, Discussion, and Feedback		
Sat 10/27			Fall recess begins
Sun 11/04			Fall recess ends
Wed 11/07	Demo Day		
Mon 11/12	Attend "How to Give an IW Talk"		
Wed 11/14	Status Reports, Discussion, and Feedback		
Tue 11/20			Thanksgiving recess begins after last class
Sun 11/25			Thanksgiving recess ends
Tue 11/27	Attend "How to Write an IW Paper"		
Wed 11/28	Project Presentations		
Wed 12/05	Project Presentations		
Sun 12/09			Submit Oral Presentation Slides
Mon 12/10	IW Oral Presentations Week begins		
Fri 12/14	IW Oral Presentations Week ends		Winter recess begins after last class

Last updated: 2018-08-31 15:48:38 -0400 [[validate xhtml](#)]

Seminar Expectations

- Attend seminar meetings and **participate actively**
 - Brainstorm and constructively critique on others' work
- Attend Independent Work meetings, events, poster sessions, *et al.*
- **Own, run, and drive** your project
 - **Leverage** our seminar meetings, OH, campus resources **provided to you**
 - Piazza posts, guest lectures
 - **Bring something new** every meeting

Ground Rules for ~~Improv~~Seminar

- We are forming a **new ideas community**
- **Analogy:** *Improv theater*— A form of unplanned, unscripted theater created spontaneously by performers
- Accept Information (**“Yes, and...”**)
- Ask yourself: “if this is true, what else is true?”
- Be Very Specific
- Add History

What Makes a Successful IW?

*Be willing to **embrace, learn from, and teach yourself** the fundamentals of **new areas adjacent to the area** you think you want to do research in.*

*Your potential to **cross-pollinate ideas** will soar,
you'll gain **fresh perspective** on the work in the area you think you've chosen,
you'll gain an **'unfair' advantage** over your peers, expanding the design
space of your chosen research area in ways others simply can't.*

Agenda for Today and Next Meeting

1. Guest Speakers
 - Kun Woo (“KC”) Cho on Gaze-Wasserstein
 - Mary Albert and Damian Sian (Princeton User Experience Office)
2. Begin **student idea paragraph presentations**
 - Read thru your paragraph: **you have the floor**
 - Start a discussion, **others “chime in”**
 - **Discussion evolves!**