Who are We?

**James A. Landay**
Professor in Computer Science at Stanford

- Formerly professor in Information Science at Cornell NYC Tech, CSE at the University of Washington & EECS at UC Berkeley
- Spent 3 years as Director of Intel Labs Seattle
- PhD in CS from Carnegie Mellon ’96
- Human Computer Interaction w/ focus on designing for behavior change, crowdsourcing, web design (tools & patterns) & Ubiquitous Computing
- Office Hours: TBD in 390 Gates
- Email: landay@[insert usual stanford email domain]

**JULIE STANFORD**

- BS/MA Stanford in Symbolic Systems & Communications w/ focus on Interaction Design
- Founder & Principal of Sliced Bread Design using design thinking to create compelling user experience for tech products
- Office hours: By appt julie@slicedbreaddesign.com

**EMILY TANG**

- CS & Psychology Undergrad, CS Masters
- Interested in human behavior, educational equity, and diversity in STEM
- I like corgis
- Office Hours – TBD

Outline

- Quick introductions (learning names)
- Course overview
- Detailed introductions
- Speed dating exercise
- Conversation of topics
- Interviewing (if time)
CS 377E: Design for Solving Global Grand Challenges
Instructors: Landay and Stanford
Stanford University
Spring 2016

B A L A N C E

DESIGN

TECHNOLOGY

DESIGN THINKING

EMPATHIZE

DEFINE

IDEATE

PROTOTYPE

TEST

DESIGN DOING TIMELINE

NEEDFINDING

RESULTS

EXPERIENCE

PROTOYPE

EXPERIMENTS

MEDIAN-RE FINED

PROTOYPE #1

& EVALUATION

PROJECT FAIR

FINAL MEDIUM-RI

PROTOYPE

WEEK 1

WEEK 2

WEEK 3

WEEK 4

WEEK 5

WEEK 6

WEEK 7

WEEK 8

WEEK 9

WEEK 10

COURSE TOPICS

WORKERS LEFT OUT
HOMEWORK

- Fill out the project selection form tonight
- You can start doing online research on the project topics you are interested in
- We will assign teams by Tuesday night
  - 1st assignment (Needfinding Plan & Lit Review)

TIDBITS

- Web site online at http://hci.stanford.edu/cs377e

GRADING

- A combination of
  - individual assignments & presentations (10%)
  - class/studio participation (30%)
  - group project (60%)
    - demos/presentations/poster (group component)
    - project write-ups, exercises & other deliverables
- No Exams
  - must present at project fair at end of quarter

NEXT TIME

- Fill out this survey by Monday night (letting us know your project preferences)
  - URL: bit.ly/cs377e-team
  - we will create project teams by late Tue night
- Lecture
  1. Needfinding, Define, Unpacking/Journey Mapping
  2. In class needfinding exercise