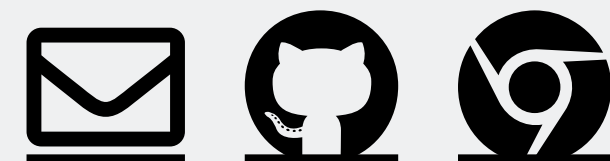


Second Language Acquisition

LG 376 — Semester 2, 2021 (Jan-May 2022)

LAB 2: SETTING UP AN EXPERIMENT

Sakol Suethanapornkul



Phrasal decision task in Experiment 1

Flow of experiment:

- Consent
- Information about experiment and task instruction
 - “To investigate English phrase comprehension”
 - “To judge if each phrase is possible in English as fast and as accurately as you can”
- Practice session
 - Examples of both possible and impossible sequences

Phrasal decision task in Experiment 1

Flow of experiment (continued):

- Main body of experiment: overall design (Arial: size 36)
 - Fixation cross (333 ms)
 - Blank screen (that is, a text stimuli with no text; 50 ms)
 - Phrases (+ keyboard response [YES and NO]) **
- Debriefing (actual purposes of experiment & thank you)

Phrasal decision task in Experiment 1

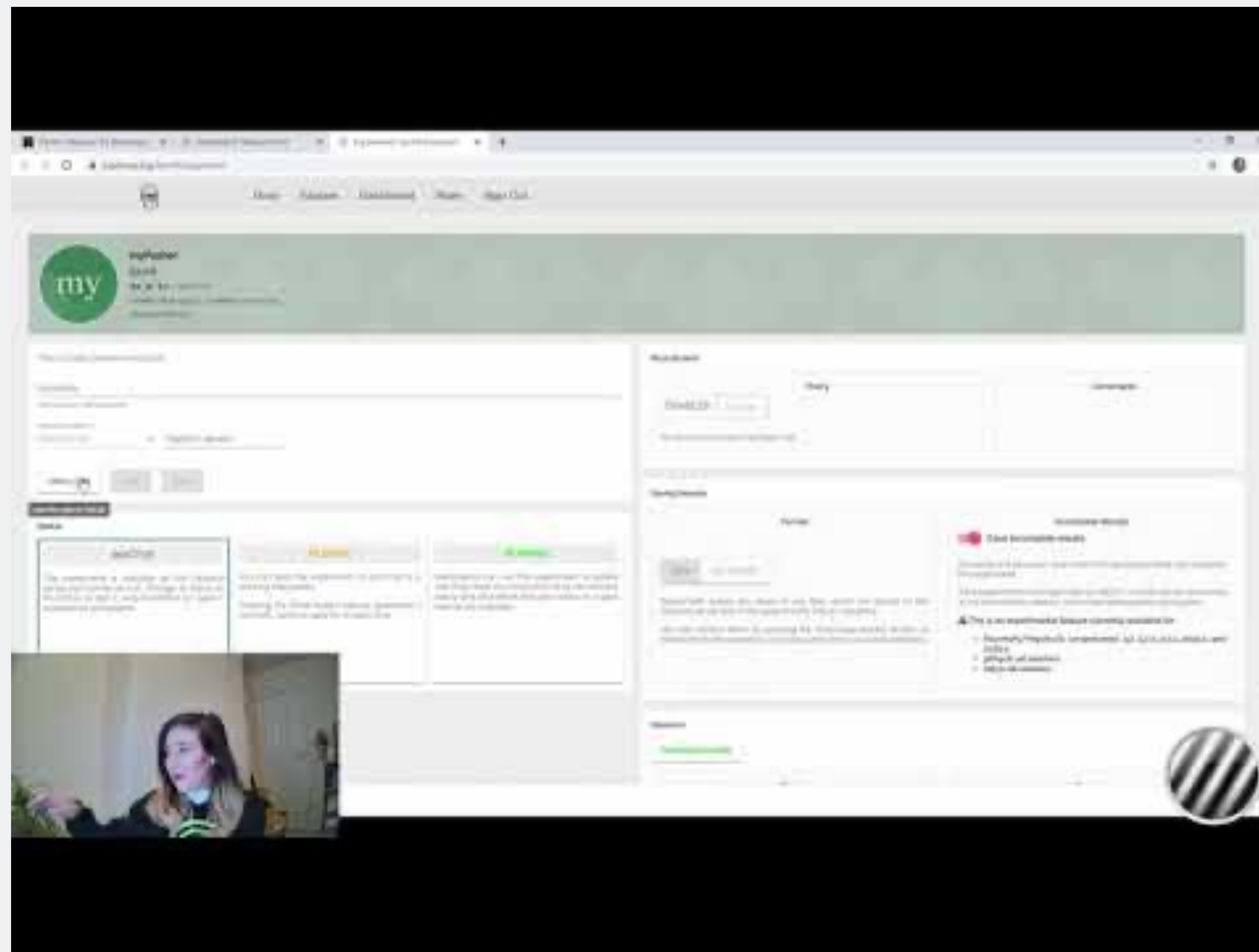
Main body of experiment: Stimuli [28 target pairs — $28 \times 2 = 56$ target items]

- Blocks A and B: each block consists of
 - 68 phrases
 - 28 target items (14 high-frequency variants + 14 low-frequency variants)
 - 40 fillers (6 possible English sequences + 34 impossible sequences)
- A short break between block (“text” + “keyboard”)
 - “We will take a short break. When you’re ready to begin the next part, press spacebar”

Stimuli: Phrases

- A complete list can be found on the website
- Add your own information (“CorrectAns” column: which keys?)
- The list does not include practice items. Create your own items that resemble test items
 - You may choose to split practice and target items into two separate files

Setting up an experiment online



<https://youtu.be/oYhcBDK2O10>