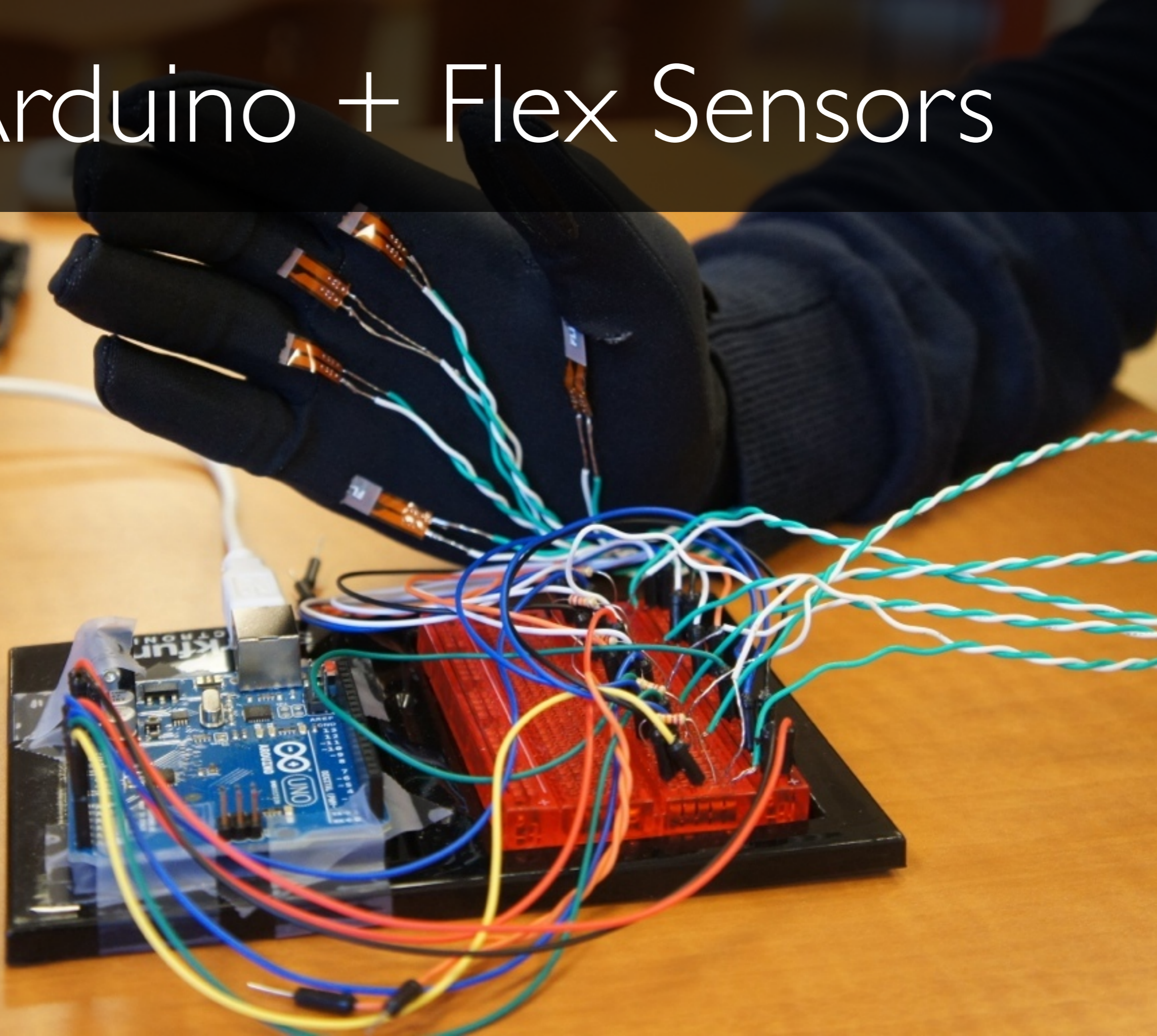


# Tendon Typing

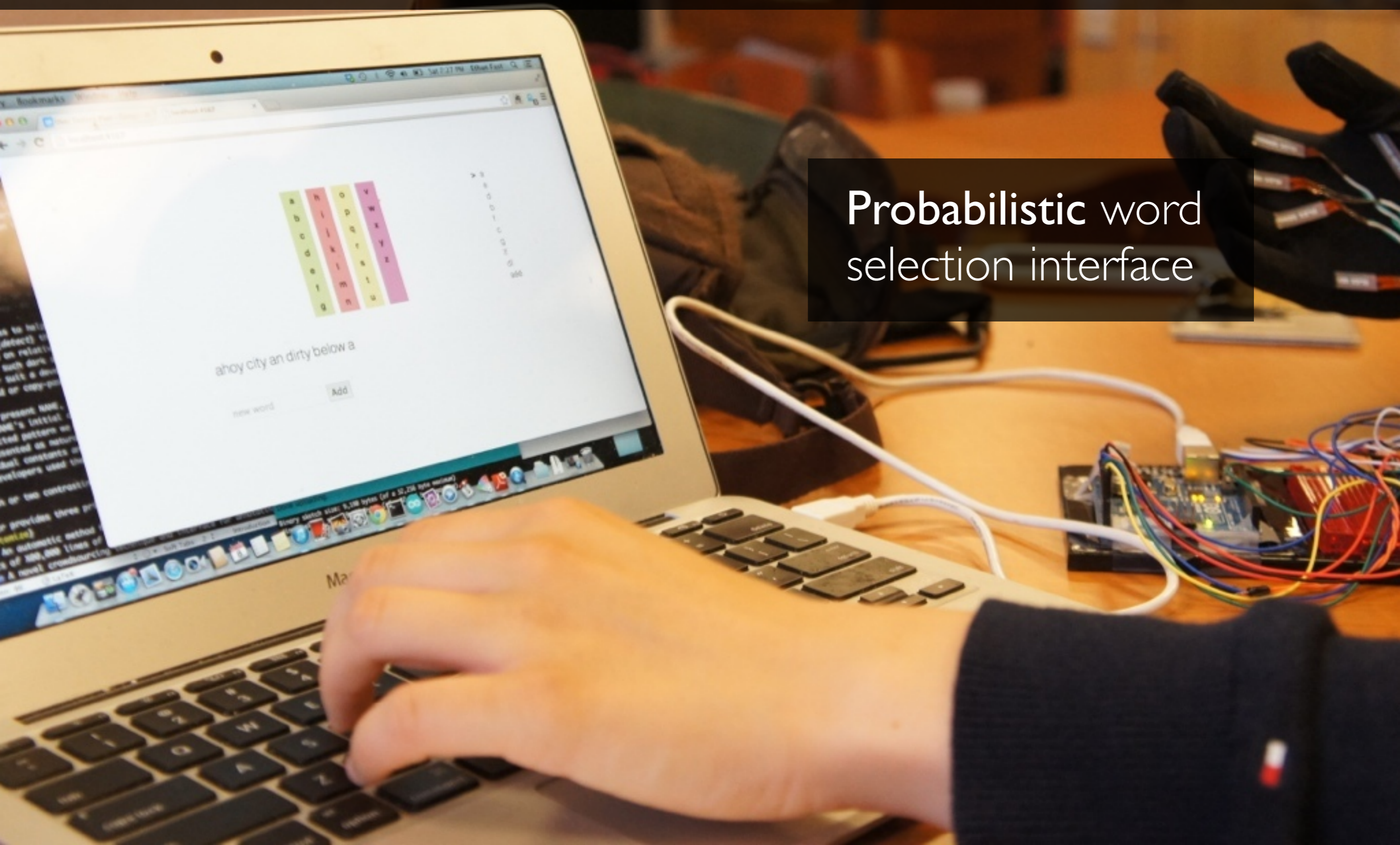
Ethan Fast & Stephanie Young

Can we enable  
**portable, unobtrusive,**  
and **on-body** forms of  
interaction?

# Arduino + Flex Sensors



# Visual Feedback via Browser



Probabilistic word  
selection interface

# Demo



# Findings + Future Work

A close-up photograph of a person's hand holding a green and white braided cable. A small, thin, gold-colored sensor is attached to the index finger. The background is a blurred indoor setting, possibly a laboratory or office.

Some limitations of flex sensors

Good overall finger detection, despite lack of user training

Need alternative feedback method, perhaps auditory

Thanks!