

# Towards a Wearable Alcohol Biosensor: Examining the Accuracy of BAC Estimates From New-Generation Transdermal Technology Using Large-Scale Human Testing and Machine Learning Algorithms

NCT05692830

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**Status** RECRUITING  
**Sponsor** University of Illinois at Urbana-Champaign  
**Enrollment** 240 participants

## Key Eligibility Criteria

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### Inclusion (2)

- years or older
- drink alcohol at least 2x weekly

### Exclusion (6)

- psychological or medical conditions that might contraindicate alcohol-administration
- history of adverse reaction to type and amount of beverage used in the study
- currently seeking treatment for alcohol use disorder
- does not drink alcohol regularly
- taking drugs or medications for which alcohol consumption would be contraindicated
- ... and 1 more (see full listing online)

## Locations (1 total)

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University of Illinois at Urbana-Champaign, Champaign, Illinois, United States