

RISE AND SHINE: USING LIGHT AS A COUNTERMEASURE TO SLEEP INERTIA

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Reactive countermeasures

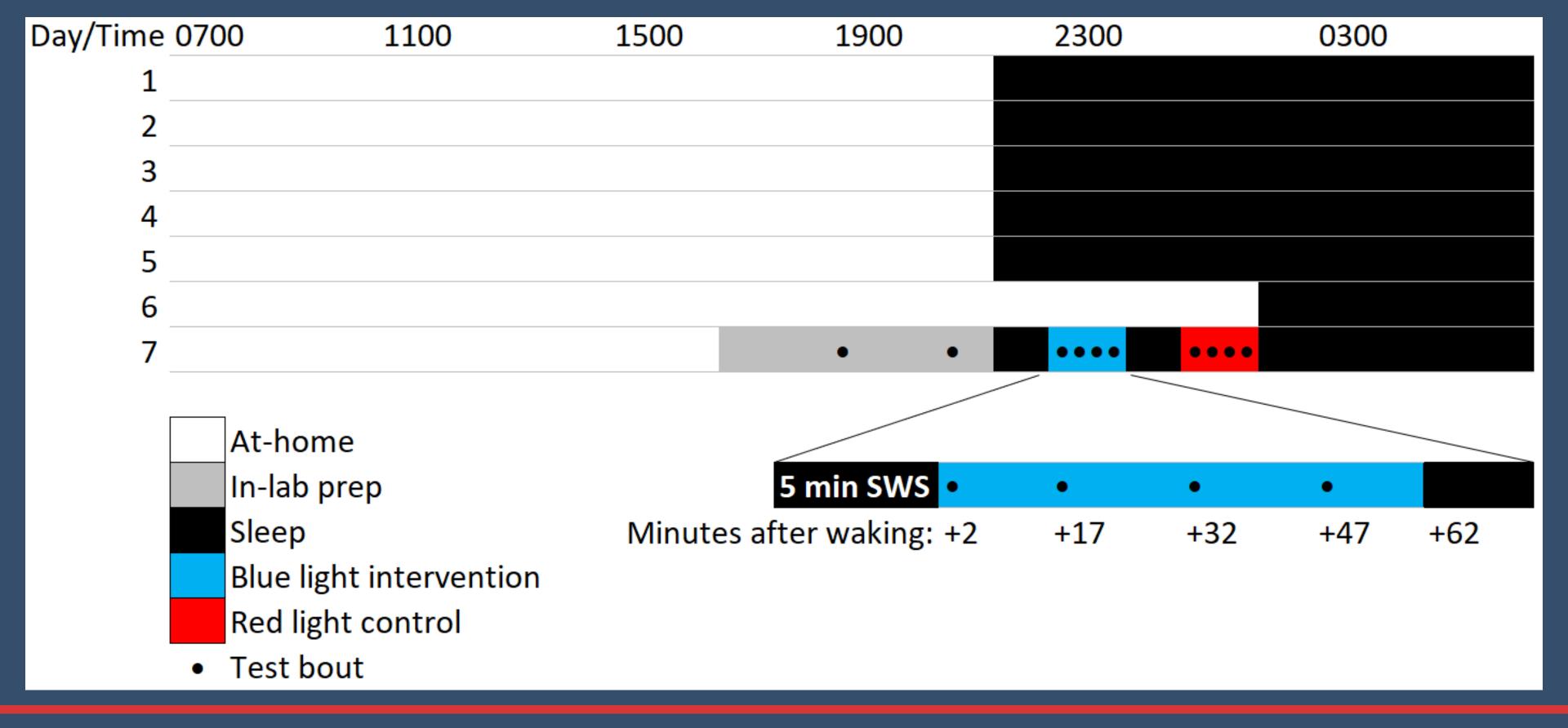
>>Field deployable



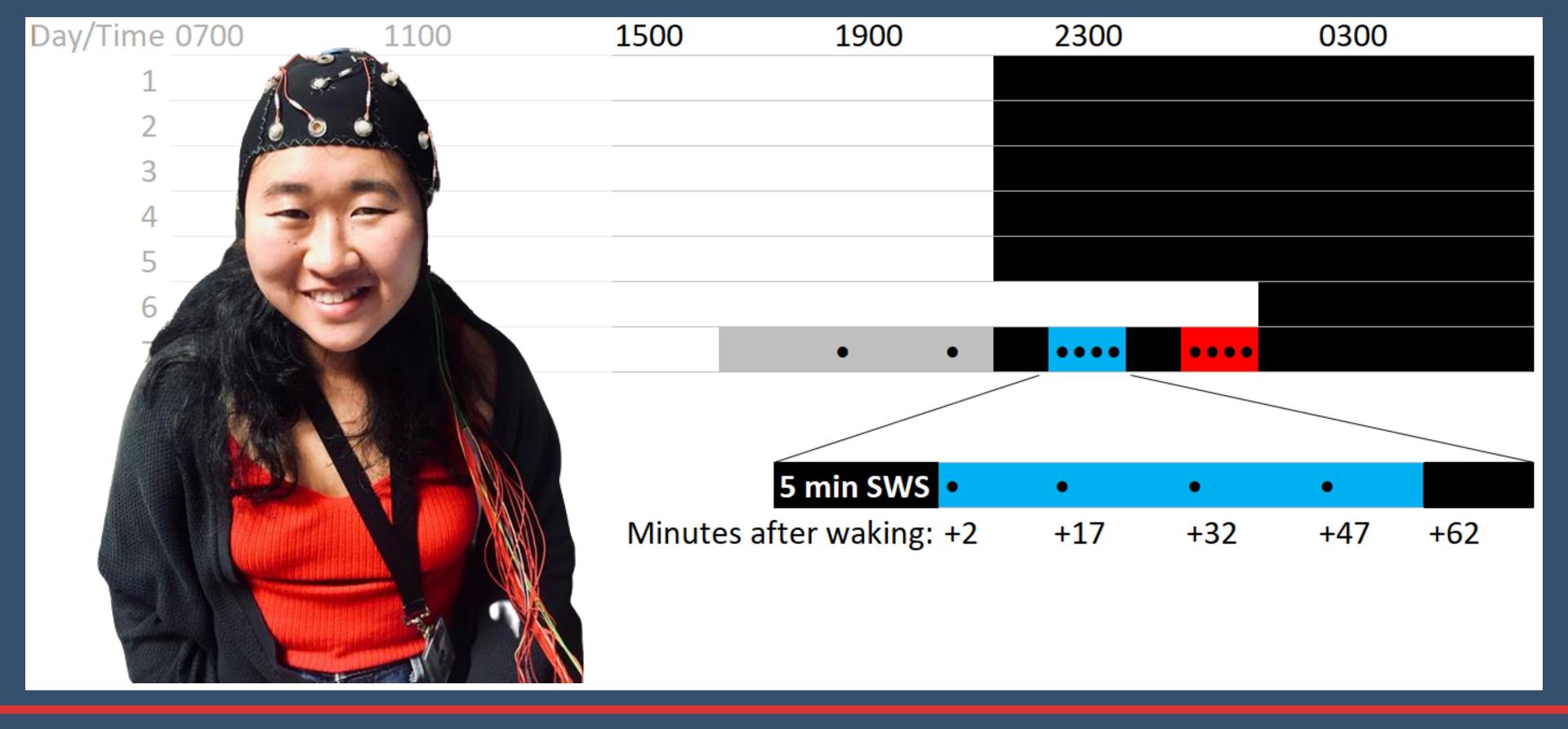
Light

- Phase shifting, acute alerting effects
- Time of administration, wavelength











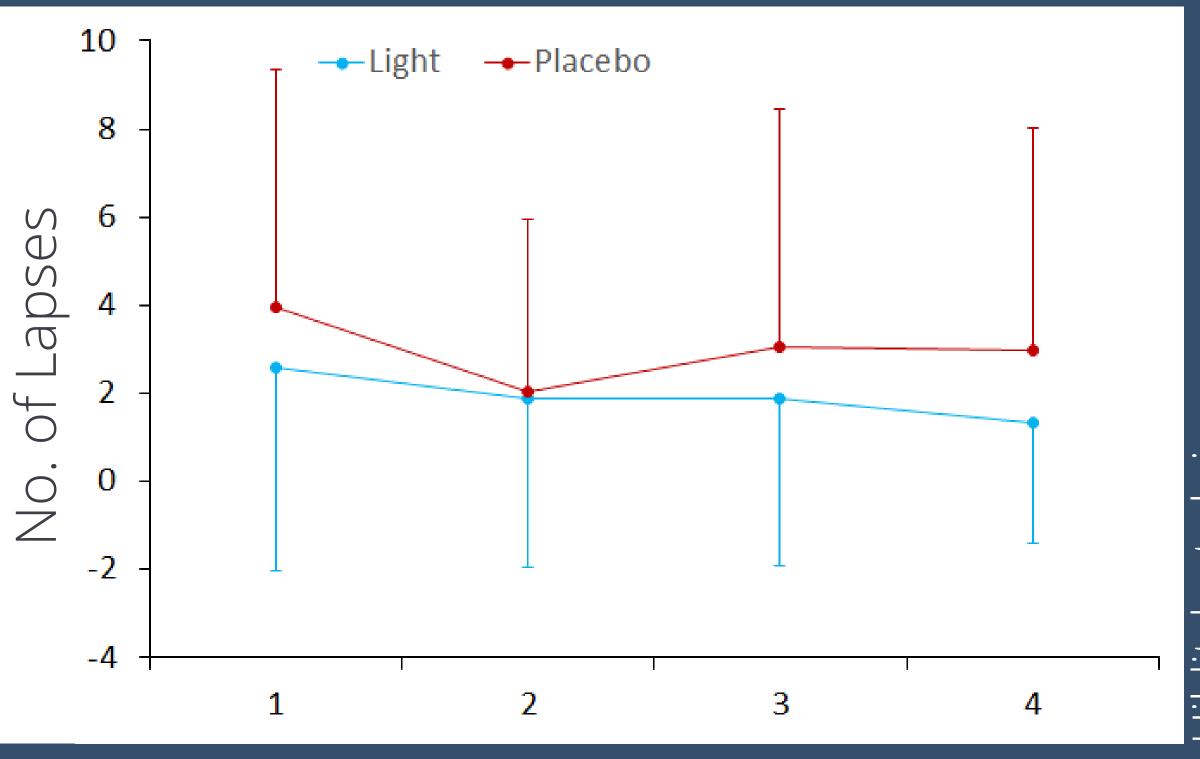








NON-SIGNIFICANT
SPEED INCREASE





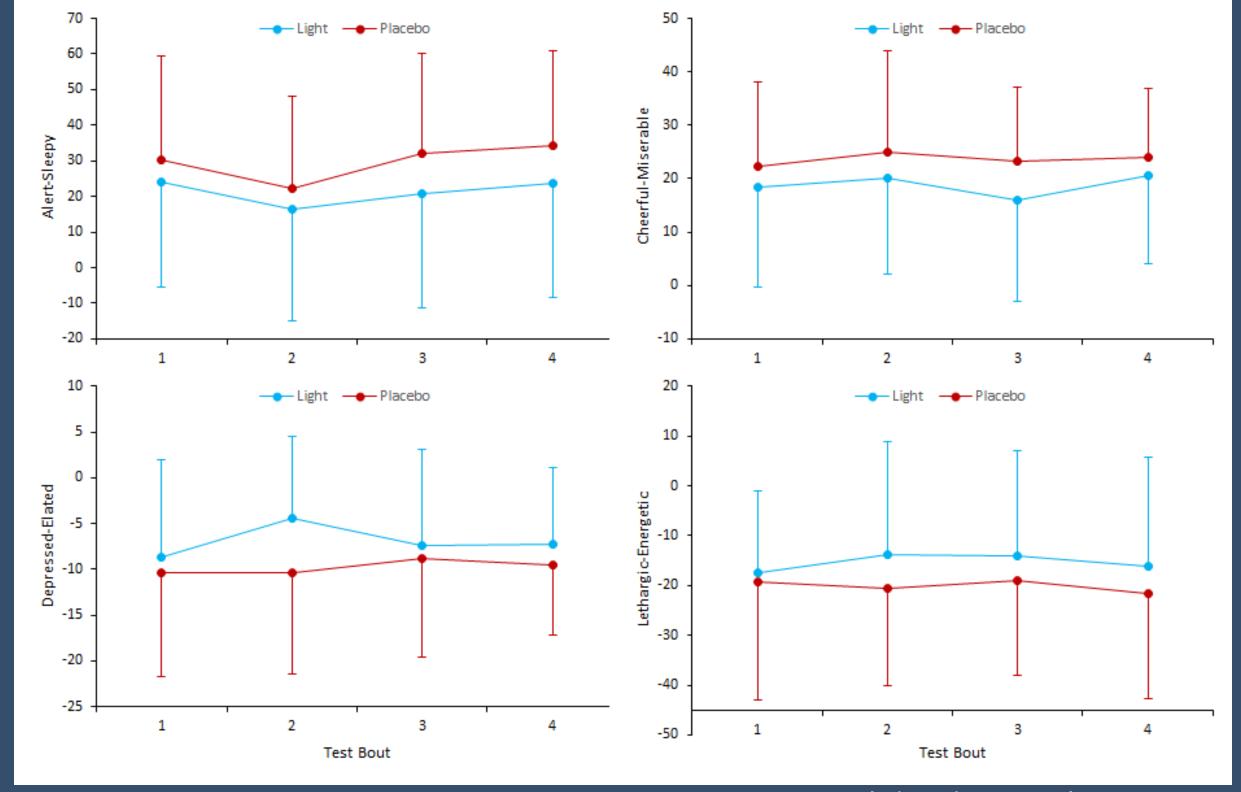
Mood

MORE ALERT

MORE CHEERFUL

LESS DEPRESSED

LESS LETHARGIC



Hilditch et al., in prep





RISE AND SHINE!

Blue-enriched light exposure after waking may help to improve performance, alertness, mood.

FIELD TESTING

Does this countermeasure work in real world environments?



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THANK YOU

