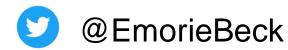
Individual Differences in Daily Rhythms of Cognitive Function

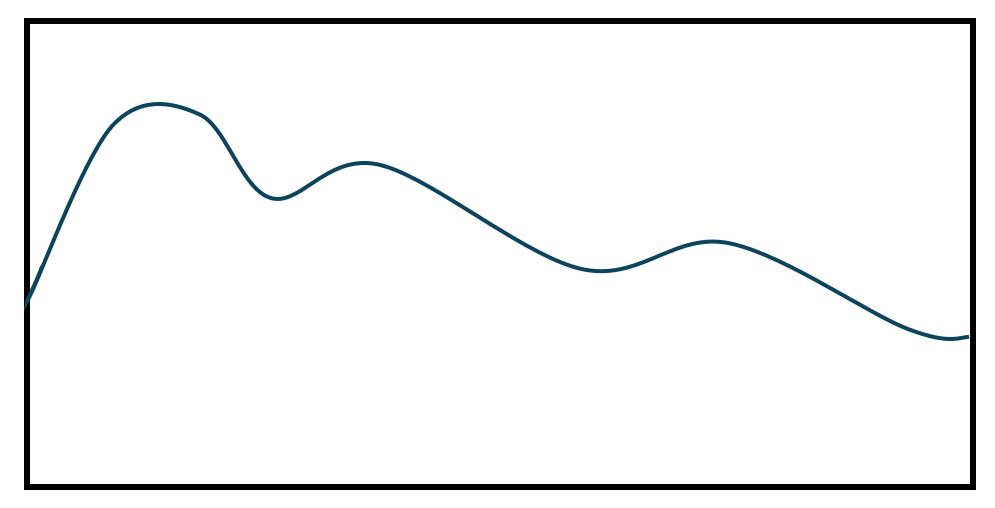
Emorie D. Beck, Ph.D University of California, Davis



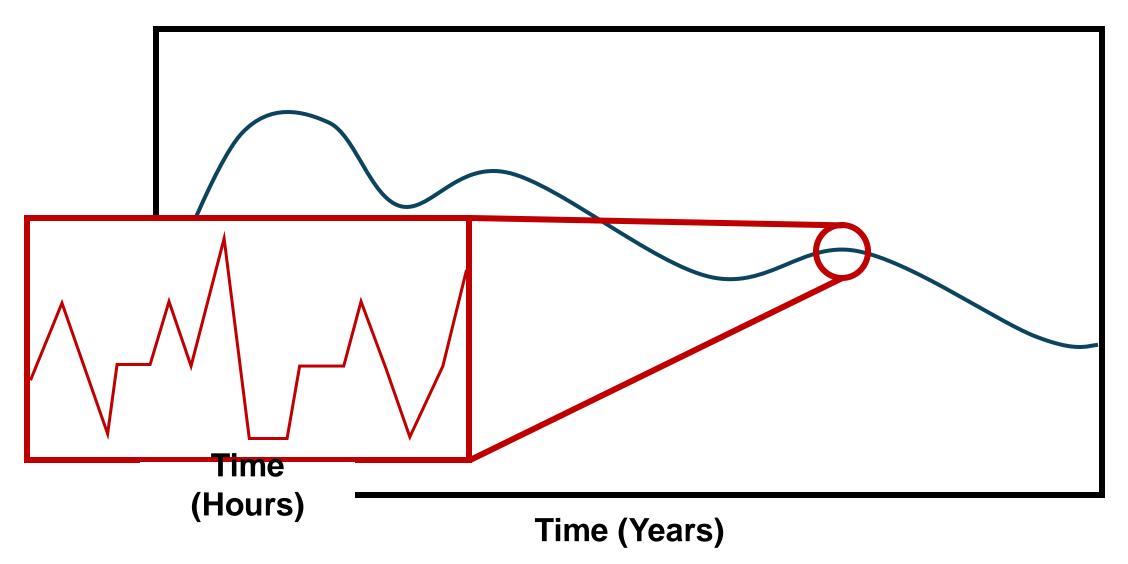


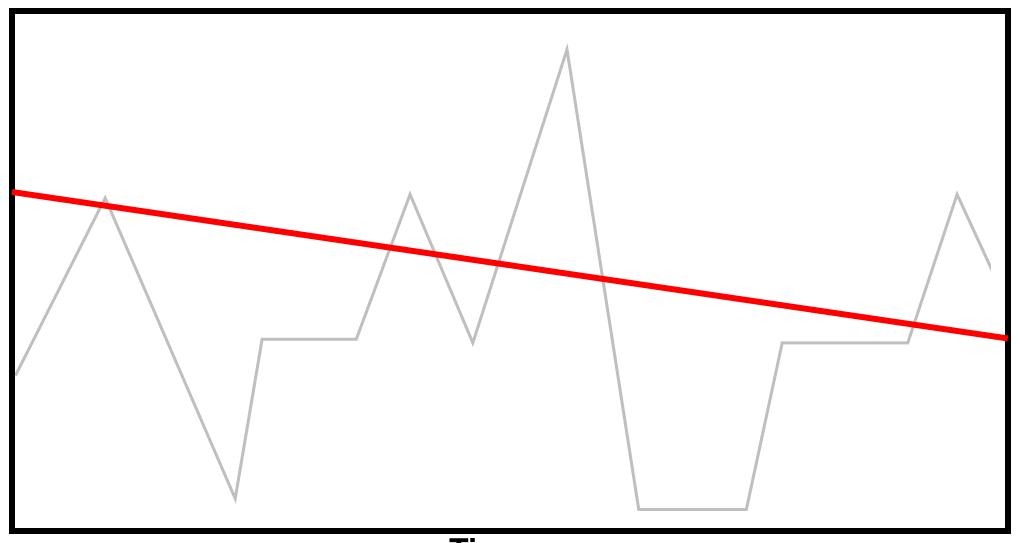
Zoë W. Hawks, Ph.D

Lifespan Cognitive (Level) Decline

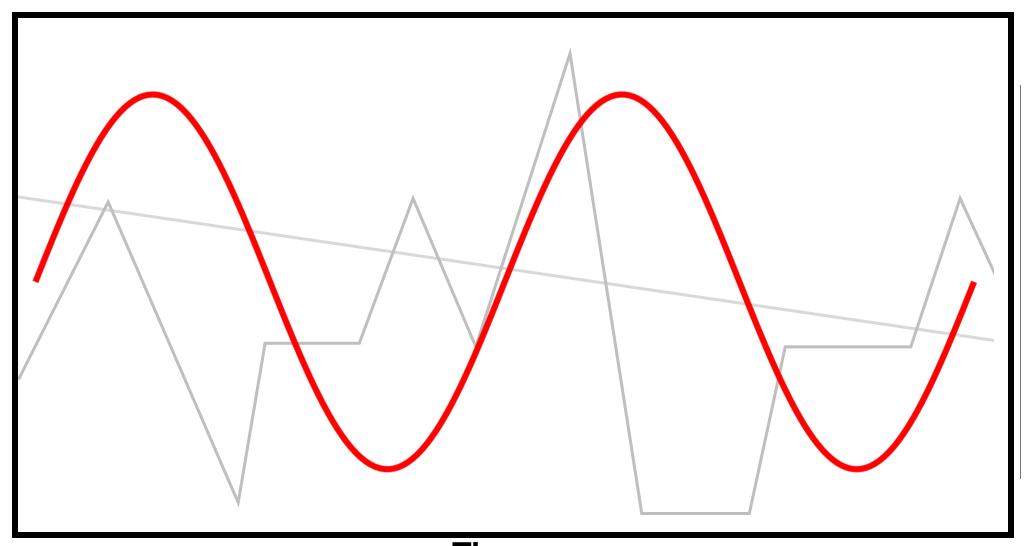


Time (Years)





Time (Hours)



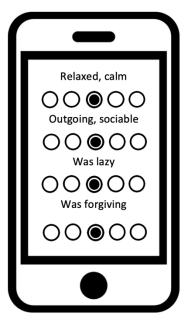
Time (Hours)

Research Question 1: Are there detectable daily rhythms of cognitive function in everyday life?

Time (Hours)

Participants

Social Cognitive EMA Study



5x / day, 20 days

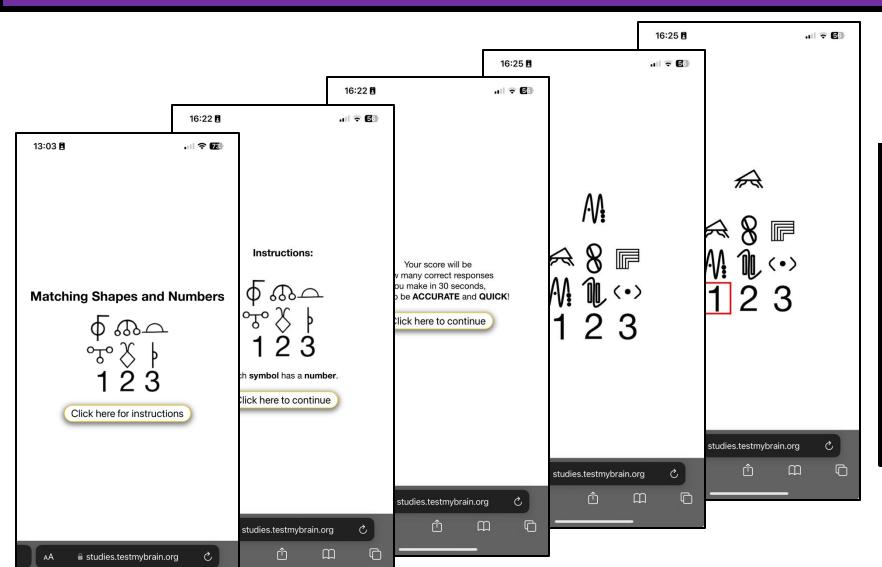
```
N = 117
(8,021 surveys)
M = 67.53, Med = 72
SD = 28
Range = 12-100
```

75.7% female
$$M_{\text{age}} = 55.31$$
 $SD_{\text{age}} = 8.18$
 $%_{\text{College}} = 71.79\%$



Digit Symbol

(speed)



Three Performance Measures:

- 1. Accuracy
- 2. Mean RT
- 3. Median RT

