**RESEARCH STUDY PURPOSE:** To study the physiological effects of sleep loss on human brain physiology

**COMPENSATION:** Up to \$10,846

## **REQUIREMENTS:**

- 4-hour screening visit and 4-hour enrollment visit
- 15 days at-home wearing a wrist activity monitor and completing 4-6 reaction time tests each day.
- 14 days continuously in the lab with sleep restriction (5 hours per night)
- 20 days at-home wearing a wrist activity monitor and completing 4-6 reaction time tests each day.
- 04 days continuously in the lab with recovery sleep (8 hours per night)
- In lab phases include: performance testing each day, and multiple PET scans, MRI scans, and blood draws

**Note**: You must be ages 18-39, a non-smoker, and test negative for alcohol, nicotine, and illegal drugs. Men and women can participate. Women cannot be pregnant or breast-feeding. Active duty military and federal personnel must be off duty or on leave status during study activities. Compensation will be provided.



STUDY LOCATION: WRAIR Sleep Research Center

PRINCIPAL INVESTIGATORS: Vincent Capaldi, M.D. & Samantha M. Riedy, Ph.D.

## CALL 301-319-9287

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