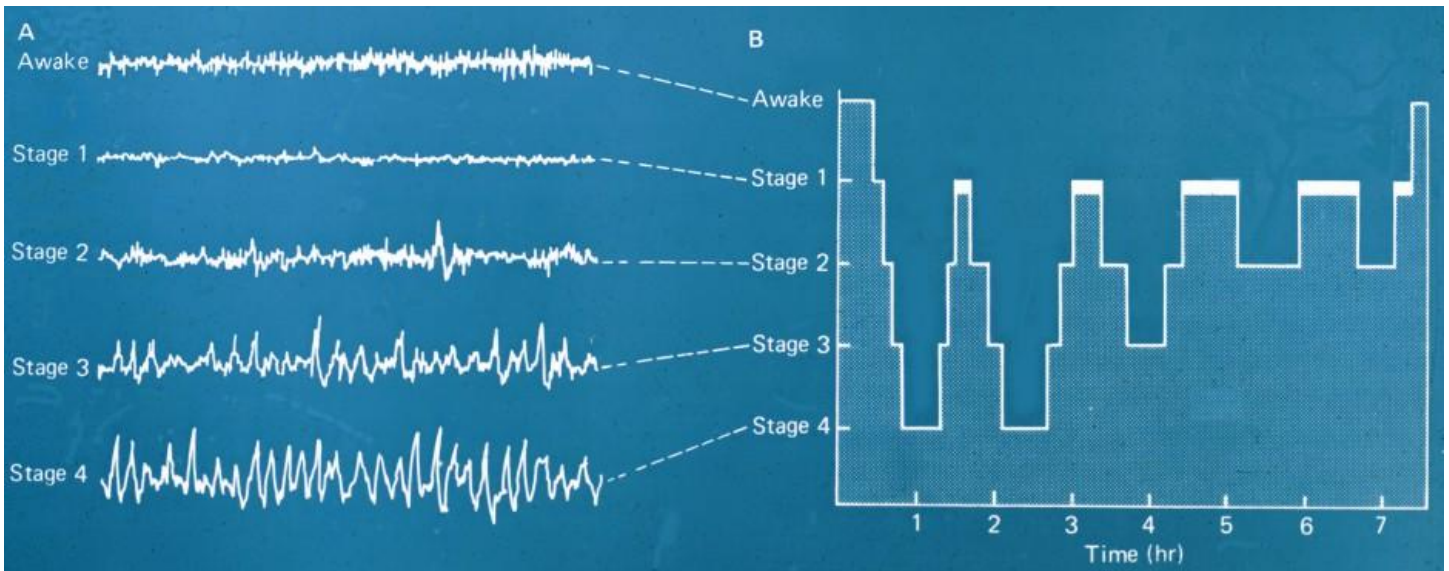




CHRONOWAKE

A Waking Revolution™

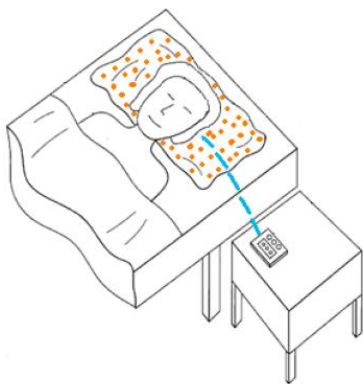
Background



(A) Representative electroencephalogram (EEG) signals (B) correspond to the four stages of sleep that cycle throughout the night.

Traditional alarm clocks will wake the user at any point in the sleep cycle. This leads to a phenomenon known as sleep inertia (grogginess and lethargy in the morning). What's the problem? Waking up from stage 1 sleep is optimal in terms of minimizing sleep inertia, something traditional alarm clocks cannot do.

Our Solution



ChronoWake is designed to monitor the user's EEG signals throughout the night via imperceptible sensors embedded in the pillow. The gathered signals are then wirelessly transmitted to the processing unit, which perform analysis and determine what sleep stage the user is in, and consequently, the ideal time to wake up.

Instead of setting a single time to wake up, a ChronoWake user would set a window of time, such as 20 minutes, within which they would be comfortable waking up. Our product then determines the ideal time within that window to wake up.

The result is a better waking experience, with a more refreshed and energized feeling in the morning.

Current Products



Specialized products currently exist to attempt to wake users from an ideal sleep stage. However, all of these products have intrinsic flaws and shortcomings. They all require the user to wear something; they cost a lot of money (approx. \$300); and most notably, they use indirect, inaccurate measures, such as body temperature, heart rate, and movement, to attempt to extrapolate sleep stage. For many people, they simply don't work.



Why is ChronoWake Superior?

Unobtrusive: ChronoWake is 100% unobtrusive; the user doesn't wear anything.

Small Behavior Pattern Change: The *only* user-perceptible difference from a traditional alarm clock is that the user sets a time window in which to be woken, instead of a single time.

Accurate: ChronoWake processes EEG signals, the only scientifically and medically valid way to determine sleep stage.

Management Team



Ryan Goldstein
President/CEO

Major in bioengineering, minors in nanotechnology, biophysics, and engineering entrepreneurship.



Rob Goldstein
Chief Financial Officer

Dual degree Wharton student with a concentration in finance and PPE major with a concentration in economics.



David Lam
Project Manager

Major in bioengineering, biomedical engineering research experience.



Josh Magarick
Chief Technology Officer

Triple major in computer science, cognitive science, and mathematics, concurrent master's degree candidate in mathematics.



Jesse Sandberg
Chief Marketing Officer

Business administration major (GWU), heads marketing team of the Washington, DC branch of a global 501(c)(3) company.

For More Information...

ChronoWake.com