



## NEURAL STIMULATION DEVICE MONITORING EVOKED SIGNALS

[View U.S. Patent Application Publication No. US-2026-0034363 in PDF format.](#)

WARF: P230418US01

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**Neuromodulation provides a precise electrical stimulation of neural pathways useful in treating drug-resistant neurological and psychiatric disorders. This technique's efficacy is sensitive to the magnitude and location of neural activation which may involve considerable trial and error.**

### The Invention

UW-Madison researchers have developed a method to provide improved stimulation over time to compensate for electrode location variability. The method identifies effective stimulation points using a set of remote electrodes which allows for improved artifact identification. This improved artifact identification can be used to provide an improved display and adjustment of the effective stimulation point and/or can be used for automatic adjustment of the stimulation.

### Additional Information

#### For More Information About the Inventors

- [Kip Ludwig](#)

#### Tech Fields

- [Medical Devices: Neurological devices](#)

For current licensing status, please contact Jeanine Burmania at [jeanine@warf.org](mailto:jeanine@warf.org) or 608-960-9846