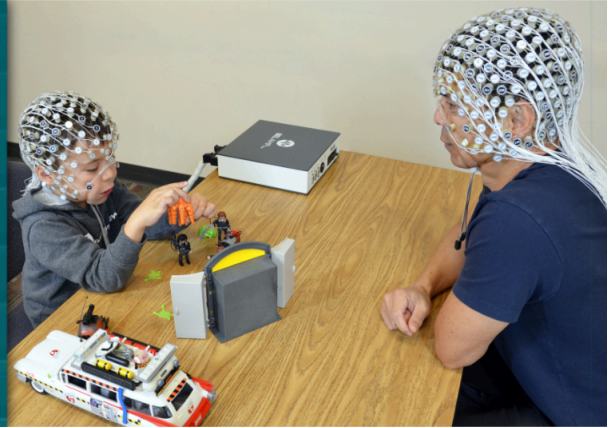




It's not just another geodesic EEG system.
It's a Geodesic EEG Ecosystem.



2022: A YEAR OF INNOVATION

Full release of the Geodesic EEG Ecosystem

The complete line of **BEL products** is just the beginning of the **Geodesic EEG Ecosystem**. A system of products including cloud based software and use with open source tools to future-proof your lab for **EEG analysis**, source localization, sleep studies and more.

LEADING THE WAY WITH NEW DISCOVERIES

- Rapid **60-second application to data collection** of the [Geodesic Head Web](#)
- Excellent hydration with no intervention - **up to 6 hours of EEG acquisition**
- [BEL EEG System One](#) - includes our wireless amplifier, **BEL Amp One**, and **BEL View** software with unprecedented resolution and reproducibility
- [FLOW](#) EEG/ERP database and workflow manager seamlessly protects your data and allows secure collaboration between labs
- [SOURCERER](#) source estimation software is easy to use and provides elegant visual analysis of brain activity

NIA Grant Award to Study Mild Cognitive Impairment

BEL has received a \$2.5 M grant from NIH/National Institute of Aging to study the effect of TES during sleep to improve mild cognitive impairment. This three-year study will implement BEL technology, a **Home Sleep Therapy System** that can read EEG and deliver TES in the user's home. [Read full press release.](#)

Recent Publications

BEL's research and development team leads the field through scientific discovery and publication. **This scientific foundation guides our forward design and consistent upgrades of laboratory equipment and software.**

BEL scientists published several posters and papers in 2022, including Kyle Morgan's poster for the AES conference, [Pre-Surgical High-Density EEG and Atlas Electrical Head Models Provide Low-Error Epileptic Foci Predictions in Patients that Received Favorable Resective Surgery](#) (Morgan et al 2022). In addition, Mariano Fernandez-Corraza's poster [Performance of Optimal Transcranial Electrical Stimulation Limiting the Number of Active Electrodes](#) (Fernandez-Corraza et al) was presented at OHBM this year. [See the full list of BEL publications.](#)

Conferences + Webinars

SRCD 2023: March 23-25, Salt Lake City, UT

The **BEL Webinar Series 2023** kicks off with "Sleep and Neurodevelopmental Disorder Biomarker Discovery at NIMH IRP", with Dr. Ashura Buckley. Monday, Feb. 27th, 8am PST. [Register now.](#)

BEL 2022 Webinars included:

"High Resolution Whole Head Electrophysiology" and "The Limited Trajectory of Human Neural Development". [See all of BEL's webinars listed on our website.](#)

