

NEURON CONNECT PRESENTS



Dr. Robert W. Thatcher, PhD

President & CEO, Applied Neuroscience, Inc. | Director, Applied Neuroscience Research Institute
International Authority in qEEG, Neuroimaging & Neurofeedback Science

The Scientific Foundation Behind Neuron Connect's TBI Expertise

Dr. Robert W. Thatcher is one of the world's most respected neuroscientists in the field of quantitative electroencephalography (qEEG) and neurofeedback research. His software platform, NeuroGuide™, powers the diagnostic systems used by Neuron Connect to assess and treat brain injury with unmatched precision.

Dr. Thatcher's research, conducted with the Department of Defense and major universities, has redefined how clinicians detect and quantify brain trauma — analyzing over 1,500 TBI cases and publishing more than 200 peer-reviewed studies on EEG biomarkers, connectivity, and recovery.

A Global Authority in Brain-Mapping Science

- Developer of NeuroGuide™: The FDA-registered standard for qEEG analytics and neurofeedback.
- Principal Investigator (DOD): Led studies integrating EEG, MRI, PET, and SPECT imaging to objectively measure post-concussive changes.
- Author & Educator: Over four decades of research, 8 textbooks, and leadership in defining modern neuroimaging standards.
- Award-Winning Legacy: Recipient of Lifetime Achievement Awards in EEG/qEEG and the Hans Berger Award of Merit for innovation in neurodiagnostics.

From Data to Treatment — Powered by Dr. Thatcher's Science

Neuron Connect's brain-mapping and therapy systems are built on Dr. Thatcher's methodologies, providing:

- Quantifiable Injury Verification — linking functional impairment to measurable neural disruption.
- Normative Comparison Databases — matching each client's brain patterns against thousands of age- and gender-specific controls.
- Progress Tracking — showing objective changes as patients improve through neurofeedback.

Where Science Meets Comfort: Advanced qEEG + Brain Master Technology

Neuron Connect pairs Dr. Thatcher's qEEG science with Brain Master's next-generation dry-cap neurofeedback system — providing:

- Zero Discomfort — no gel, no prep, no mess.
- Real-Time Results — instant brain-wave feedback for rapid regulation.
- On-the-Go Sessions — clients resume normal activities immediately after treatment.

This seamless technology integration allows attorneys to refer confidently, knowing their clients receive medically-defensible diagnostics and science-based rehabilitation that restore cognitive function.

Expert Witness Support & Case Collaboration

- Dr. Thatcher's validated research and protocols strengthen TBI evidence packages for litigation.
- Neuron Connect clinicians trained under his framework can provide court-ready reports and expert testimony.
- Legal teams gain access to a scientific foundation that stands up to scrutiny and cross-examination.

The Science Behind Every Successful Brain Injury Case

Neuron Connect's collaboration with Dr. Robert Thatcher ensures every Arizona patient — and every legal team — benefits from the highest scientific standard in qEEG brain-mapping, analysis, and neurofeedback-based recovery.