Advanced Clinical Summit

Three-Day Advanced Course In Neurofeedback

Course Description / Purpose

The Clinical Summit is designed for experienced clinicians (with at least 1 yr. minimum clinical experience in Neurofeedback) to provide updates based on the latest protocols and case studies from the clinic at EEG Info. The format allows time for sharing strategies and results with other clinicians from your Neurofeedback community. You will also have the opportunity to try our new Neurofeedback instrumentation as well as complementary programs and devices.

We are looking forward to sharing our new techniques and understanding of this powerful tool we all use every day. We are also excited to provide a forum in which Neurofeedback clinicians can get together and share their successes and challenges. By attending a professional clinical summit, you can start on the path towards obtaining your Othmer Method Neurofeedback Certification.

The Clinical Summit is an intensive course for professionals Neurofeedback for:

- *Learning New EEG training approaches with hands-on opportunities to acquaint yourself with new products*
- *Optimizing your clinical results*
- *Integrating multiple Neurofeedback perspectives and understanding and applying assessment data*
- *Implications for the Othmer Method Neurofeedback Certification approach*
- *More opportunity to meet and hear from other clinicians*

Presented by:

Siegfried Othmer, Ph.D., BCIAC

Chief Scientist, EEG Institute

Siegfried Othmer continues to be involved in the development of new clinical modalities to promote self-regulation, as well as to evolve a framework for the understanding of our methods. He also labors to promote the field in general, and to enhance professional training in Neurofeedback.

Susan Othmer, BCIAC

Clinical Director, EEG Institute

Susan Othmer is a leader in the clinical application of Neurofeedback. She has introduced thousands of professionals to the field of Neurofeedback and continues her clinical work and development of new assessment and training approaches as Clinical Director of the EEG Institute in California.

Kurt Othmer, BA

Owner/President, EEG Info

Kurt Othmer founded EEG Info in 2002 soon after graduating with honors from the Universtiy of Montana with degrees in Psychology and Economics. As the son of Sue and Siegfried Othmer, he brings the same passion, knowledge and commitment to the Neurofeedback fi eld. Since opening its doors, EEG Info has grown into the leading organization for education, clinical development, and instrumentation.

Registration Fee - $895 (Registration fee covers course, materials/manuals and daily breakfast/lunch)

Who Should Attend?

Health and mental health practitioners, with a Masters or above, who have at least 1 yr. experience with Neurofeedback:

- » Psychologists
- » Social workers
- » Family therapists
- » Psychiatrists
- » Educators
- » Nurses
- » PTs and OTs
- » Neurologists
- » MFTs
- » LCSWs
- » LPCs
- » LMHCs

Prerequisites:

Health and mental health practitioners with a Masters or above, at least 1 yr. Neurofeedback experience

Familiarity with the content of the following books will be assumed:

Primer of EEG: With a Mini-Atlas by A. James Rowan, Eugene Tolunsky

The Neuroscience of Psychotherapy by Louis Cozolino

A Symphony in the Brain by Jim Robbins

ADD the 20 Hour Solution by Mark Steinberg and Siegfried Othmer

*** Continuing Education:**

MFT and LCSW - The course meets the qualifications for 24 hours of continuing education credit for MFTs and/or LCSWs as required by the California Board of Behavioral Sciences; provider #3628.

Psychologists - This course is co-sponsored by Amedco and EEG Info. Amedco is approved by the American Psychological Association to sponsor continuing education for psychologists. Amedco maintains responsibility for this program and its content. 24 credit hours.

Nurses - Provider approved by the California Board of Registered Nursing, Provider Number 15652 for 20 contact hours.

Satisfactory Completion: *Participants must have paid tuition fee, signed in and out each day, attended the entire seminar, and completed an evaluation, in order to receive a certificate of completion/attendance. Certificates will be sent after the seminar.*

Cancellation/Refund Policy:

Cancellations must be received 10 days prior to the workshop. Cancellations made within the 10-day period will be subject to a $200.00 course materials and processing fee. If you cannot attend, a qualified substitute may attend in your place or you can choose to attend one of the other scheduled workshops.

Contact Information:

To cancel your registration, sign up for a different workshop or have questions regarding this course, call EEG Info at 866.334.7878.

Information for special needs participants:

This program will be accessible to individuals with disabilities, according to requirements of the Americans with Disabilities Act. Please contact EEG Info if you need further information or if you have requests for special needs participants.

Schedule:

Schedule Notes: *Breakfast is included from 7:30 - 8:30am each day, Lunch is included on Thursday, Friday and Saturday*
A five and ten-minute break are incorporated into each four-hour morning and afternoon block.

THURSDAY:

7:30 - 8:30am: Registration and Breakfast

8:30 - 9:00am: Welcome and Introductions

9:00am - 12:30 pm: Theory Update with Siegfried Othmer

· Explaining Infra-low frequency Neurofeedback
· Brain imaging, resting state networks, and ILF training

12:30 - 2:00pm: Lunch

2:00 - 6:00pm: ***A Glimpse Ahead for EEG Info and the Field with Kurt Othmer***

· New developments in instrumentation, research and outreach

FRIDAY:

7:30 - 8:30am: Breakfast

8:30am - 12:30pm: ***Assessment Update with Sue Othmer***

· Patterns of disregulation – refining the categories
· Understanding and using new symptom profiles
· Assessment and outcome measures

12:30 - 2:00pm: Lunch

2:00 - 6:00pm: ***New Technology Practicum with EEG Info Staff***

· Expert assistance and hands-on opportunity with products and programs
· Sign up for a personal neurofeedback session with EEG Institute clinicians
· Information on membership and Othmer Method Certification
· Presentations and discussions *(see below)*

2:00 - 4:00pm
Marketing Discussion with Kurt Othmer and EEG Info Team - No CE Credit

· Empowering word-of-mouth marketing with social networking

4:00 - 6:00pm
New Role of CPT and PTSD Data with Siegfried Othmer

· New interpretation of CPT data
· PTSD data and the disregulation model

SATURDAY:

7:30 - 8:30am: Breakfast

8:30am - 12:30pm*: *Training Update with Sue Othmer

- Working with infra-low reward frequencies
- New Infra-low application in Cygnet
- New starting sites and reward frequency
- Adding basic sites
- 1-Channel and 2-channel Alpha-Theta training

12:30 - 2:00pm: Lunch

2:00 - 6:00pm*: *Continued Practicum and Technical Assistance

- Personal training sessions – infra-low or alpha-theta
- Individual assistance with hardware or software
- Optional presentation *(see below)*

2:00 - 4:00pm
Infra-low Frequency within the Neurofeedback Universe with Siegfried Othmer

- Techniques complementary to ILF Neurofeedback
- How do we benefit from QEEG data?

End of formal program

Learning Objectives:

Upon completion of this course you should be able to:

Day 1 - New Developments

1. Identify recent advancements in the neurofeedback field.
2. Discuss the changing theoretical framework for how the brain comprehends feedback about its own performance.

Theoretical Foundations and Brain Mechanisms

1. Defend the reliance upon a Continuous Performance Test as a key assessment tool for monitoring neurofeedback training effects.
2. Explain the relevance to Neurofeedback of recent findings of distinct resting state networks in brain imaging.
3. Discuss the findings of connectivity deficits in various conditions of clinical interest.

Day 2 - Assessment and Symptom Profiles

1. Contrast functions and dysfunctions of arousal, activation and reward, and discuss related choices of reward frequency and electrode placement.
2. Discuss differences in left and right brain function and symptoms indicating the need to train right side only.
3. Describe basic training sites and their relationship to multimodality association areas.
4. List five basic categories of central nervous system disregulation and describe how they inform our decision of how to train and where to train.
5. Discuss basic training effects related to electrode placement: right back, right front, left front, left back and left – right inter-hemispheric.

Day 3 - Infra-low Frequency and Alpha-Theta Neurofeedback

1. Discuss reasons for changing reward frequency or electrode placement based on symptom changes within first session.
2. Describe basic site sequences and why new sites might be added over a course of 20 sessions.
3. Compare the effects of infra-low frequency and Alpha-Theta Neurofeedback, and how the two might work together.
4. Explain the meaning of amplitude at infra-low frequencies and how that is translated into feedback.
5. Describe basic bipolar placements and reward frequency rules for left and right side training.