BOSTON
NEURODYNAMICS
APPLIED NEUROSCIENCE CENTER

From Protocol Development to Conducting a Neurofeedback Session: Theory and Hands-on Practicum

with optional 24 CE Credits available

June 24-26, 2022
Boston, MA
8:30am - 5:45pm ET

Course description

This intermediate neurofeedback course focuses on the intricacies of performing neurofeedback sessions, theoretical knowledge of protocol development, and incorporating other modalities with neurofeedback. It is geared towards clinicians who already have foundational knowledge of neurofeedback and are looking to further their neurofeedback therapy.

This course includes:

a. Individual brain mapping recording for each participant with the raw data and analyzed data (please note that this will not include a full report)
b. Individualized protocol based on your brain mapping, your goals and symptoms (that you can use later on as part of your BCIA requirement of 10 self neurofeedback sessions)
c. Two hours towards your BCIA mentoring requirement
    a. Perform 3 neurofeedback sessions as a clinician for another participant (counts towards your BCIA mentoring requirements) – 2 hour
    b. Present an **optional** case study (counts towards your BCIA mentoring requirements) – additional 30 mins
d. Optional 24 CE Credits through R. Cassidy

Background information can be found at the end of this document.

Faculty

The training is designed by and will be taught by Ainat Rogel, PhD, MSW, Diana Martinez, MD, PhD, and Leon Morales-Quezada, MD, PhD. They are MDs, PhDs and licensed clinicians with more than 15 years of experience. In addition to doing clinical work, the instructors supervise clinicians as BCIA approved supervisors), offer professional training/courses, and actively conduct research. You can read more about them at the end of this document. For their full bio's, you can find it on our website: www.bostonneurodynamics.com/our-team

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Logistics

Date: Friday, June 24 - Sunday, June 26, 2022

Time: 8:30 am - 5:45 pm ET

*see detailed agenda document for daily schedule

Location: Hampton Inn & Suites Watertown Boston 25 Bond St, Watertown, MA 02472

Cost: $1050 standard* / $950 early bird if paid in full by April 24th

*The $1050 cost includes an individualized brain mapping (a $550 value) and two BCIA mentoring hours (a $350 value)

**Discount pricing available for Latinamerica, contact us for more details

Registration: To register, please fill out this form https://forms.gle/qwJzsD8QmjHCDN9u7

Prerequisite: This is an intermediate neurofeedback course. A prerequisite of a BCIA approved 36-hour Introduction to Neurofeedback Didactic Training or equivalent training is required.

Target Audience: Neurofeedback clinicians and technicians (includes Psychologists, Psychoanalysts, Psychiatrists, Social Workers, MFTs, Counselors, Substance Abuse Counselors, Occupational Therapists, Nurses, MD, chiropractic and other degrees in healthcare that have been pre-approved by BND and BCIA)

Contact Information: For questions or concerns, please contact us at info@bostonneurodynamics.com / (617) 855-9295

Learning Objectives

The goals of this course are to:

A. Interpret your own qEEG recording and analysis.
B. Apply theoretical knowledge to develop individualized neurofeedback protocols based on a variety of factors (including a brain mapping).
C. Demonstrate the ability to use neurofeedback equipment to successfully perform neurofeedback sessions.
D. Design a neurofeedback protocol, determine its effectiveness, and identify any necessary adjustments.
E. Explain the importance of a proactive approach and apply it while conducting a neurofeedback session.

F. Integrate other neuroregulation modalities (such as biofeedback) with neurofeedback

*See detailed learning objectives document for daily objectives.

Brain Mapping

Receiving a brain mapping at Boston NeuroDynamics is included in the cost of the training. It is a standard qEEG where we will record from both eyes open and eyes closed, analyze the data, and provide you with the results. Times for the brain mapping recording will be on Wednesday 6/22, Thursday 6/23, or Friday 6/24 morning (you will miss about an hour during this part of the training). If you are traveling, we recommend coming the day before you want to do the brain mapping record.

If you would like to add an EPR recording (the brain's response to a cognitive stimulation, HBI analysis, and full typed report, the cost will be an additional $400 and will have to be recorded ahead of time. There are only limited spaces for this. Please let us know if you want this ASAP, as we anticipate spots will fill up quickly.

If you prefer not to have a brain mapping, we can use a symptoms based assessment (the arousal assessment) to determine your protocol(s).

Certification Information

BCIA Mentoring Hours: The training will provide you with some of the Biofeedback Certification International Alliances (BCIA) mentoring requirements for those who want to get Board Certified. For more information about the BCIA certification, use the following link: https://www.bcia.org/nf-entry-level

CE Credits: If you are interested in the optional 24 CE credits through R. Cassidy, you can register here:

*CE language provided to you by R. Cassidy.

Evaluations and Certificates are available by email and online following course completion at www.ceuregistration.com

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COVID-19 Precautions

We will be in close contact during the training (especially the hand-on practicum) and want everyone to feel safe throughout the training. We are requiring everyone to provide proof of vaccination. Depending on the situation in June, additional precautions (such as wearing masks) may be put in place to keep us all safe.

While we hope that things do not get worse, we wanted to be upfront about the possibility of cancellations. **We highly recommend for you to make refundable / changeable travel arrangements.** If we do cancel the in-person option, we will reschedule for a later date (with no additional cost). However, we understand that you might not want to attend at a later time and would be happy to refund the tuition (minus the $50 fee needed to secure the meeting space).

1. **Proof of Vaccination** -- please email/text Hilla a picture of your vaccination card
2. **Proof of Negative COVID test and no symptoms** -- we are asking everyone to take an at home COVID test the morning the training begins (June 24, 2022) that comes out negative, as well as having no symptoms. Please email/text Hilla a picture of the negative results and certification of having no symptoms before 8am on June 24, 2022.

Cancellation Policy

All payments will be fully refunded if the cancellation is made 4 weeks prior to the training, with a $50 processing fee. Cancellations made less than 4 weeks, but more than 5 days before the training can be refunded at 50% or fully credited towards the next workshop. Cancellations made 5 days or fewer before class cannot be refunded or credited. In the situation that you are sick or test positive for COVID-19, you can either (a) defer your tuition to attend the next training and receive a complementary 1 hour mentoring session or (b) be refunded the tuition cost minus the $50 needed to secure the meeting space.

Boston NeuroDynamics reserves the right to cancel. Should it be necessary, we will reschedule the training for a future date. If you would like to defer your tuition to attend the next training you will receive a complementary 1 hour mentoring session, otherwise all payments will be fully refunded. We cannot be held responsible for restricted or non-refundable airfares.

Disclosure Statement

There is no conflict of interest or commercial support for this program.

*For questions or concerns, please email us at info@bostonneurodynamics.com or call/text at (617) 855-9295

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Faculty Bio's

AINAT ROGEL, PHD, MSW, BCN, LICSW (she/her)
Ainat is the co-founder and co-director of Boston Neurodynamics, where she practices neurofeedback, performs and analyzes brain mapping (qEEG), trains and supervises neurofeedback practitioners, and mentors student interns. Ainat specializes in PTSD, trauma, developmental trauma, dissociation and the many other diagnoses related to developmental trauma. She is passionate about educating, collaborating, sharing data and knowledge, and doing research. Ainat currently serves as the president of ISNR (International Society of Neurofeedback and Research) Board of Directors. Ainat has a PhD in Computer Science and Neurobiology, MSW in social work, a licensed independent clinical social worker (LICSW), and a BCIA certified neurofeedback (BCN) provider and supervisor.
Ainat is also fluent in Hebrew.

DIANA MARTINEZ, MD, PHD, LMCH, BCN (she/her)
Diana is the co-founder and co-director of Boston NeuroDynamics, where she provides neurofeedback/biofeedback to clients, performs and analyzes brain mappings (qEEG), teaches neurofeedback courses, and supervises clinicians around the world. She is a medical doctor with a specialty in Neurorehabilitation. She has 17 years of experience treating patients with severe brain injuries and developmental delays around the world and developed, along with other professionals, an integrative intervention to rehabilitated neurological conditions including neurofeedback and other non-invasive brain stimulation techniques. Since 2012, she has been the CEO of Neocemod a Neuromodulation Center in Mexico City and Aguascalientes, Mexico and currently serves as the secretary of ISNR (International Society of Neurofeedback and Research) Board of Directors.
Diana is also fluent in Spanish.

LEON MORALES-QUEZADA, MD, PHD, BCN (he/his)
Dr. Leon Morales-Quezada is a physician-scientist with experience in neurocognitive rehabilitation, noninvasive neuromodulation, applied psychophysiology, and technology development for neurological rehabilitation. Dr. Morales-Quezada received his MD degree from Universidad Autonoma de Aguascalientes and completed clinical training in emergency medicine and intensive care. He is currently a Research Faculty from Spaulding Rehabilitation Research Institute and fellow from the Ellen R. and Melvin J. Gordon Center for the Cure and Treatment of Paralysis. Dr. Morales-Quezada research interests focus on noninvasive neuromodulation, the placebo effect, and technology development applied in rehabilitation and behavioral medicine.
Leon is also fluent in Spanish.

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Background Information

Neurofeedback training (NFT) is a non-pharmaceutical, non-invasive, self-regulation technique in which the individual learns to alter the electrical activity of the brain. NFT can reinforce the desired activity by providing real-time positive feedback. This enables the brain to learn to regulate its activity, which can positively improve cognitive, physical, and emotional functioning.

Developing an individualized and targeted NFT protocol is a major component in the success of the NFT. While a successful protocol will improve the client's condition, the "wrong" protocol can cause negative side effects. In this course, we will dive deeper into the different components when developing an individualized protocol. Specifically, we will use data from the participants' brain mappings (if you choose to have this done), as well as research, goals, and our experience, to determine successful protocols. Throughout the three days and multiple neurofeedback sessions, we will track the effectiveness of the protocol and learn how to adjust it if needed.

Another major component of neurofeedback training is when the clinician uses a proactive approach during each session. In this course, we will learn to correlate the brain activities to the mental state of the client and practice using this approach.