



NOVATECH[®]
EEG

Nova Tech EEG is an accredited 4-day course that satisfies requirements, for didactic training, of both the Biofeedback Certification International Alliance toward neurofeedback certification and the QBoard toward QEEG certification.

REGISTER: info@novatecheeg.com or +1 (480) 219-3048

Course Dates: Tuesday November 15- Friday November 18, 2016

Course Times: 08:00- 18:00 daily

Course Costs: \$1499 AUD

Includes electronic materials, refreshment breaks and certificate of completion.

Application fees for BCIA or QEEG certification are not included.

Course Location: SMC Conference & Function Centre, 66 Goulburn St., Sydney, Australia

SMC Conference & Function Centre has recently been named as the winner of the Sydney City region of the NSW Business Chamber Business Awards 2015 for Excellence in Sustainability. The Business Awards, run by the NSW Business Chamber, recognise and celebrate business excellence across NSW. SMC was the only venue nominated as a finalist in the Excellence in Sustainability category. It is an honour to be recognised for our venue's sustainability efforts, which are core to our operation, by such a preeminent industry body and highly-regarded awards program.

Course Description: The lectures cover core principles and research findings and significant opportunity is provided for both demonstration and practical skill development. Attendees will utilize the latest tools and technologies available in the course, however, the principles taught transcend the technology and are applicable to all commercially available systems.

Course Content: Attendees receive training in the principles and applications of neurofeedback - a clinical process for changing the electrical activity, of either cortical or sub-cortical origin, of the Central Nervous System using electroencephalography (EEG)-based biofeedback and/or electrical stimulation. The neurofeedback process teaches self-regulation of neural activity and related "state change", with promising therapeutic benefits in ADHD, migraine, anxiety, depression, head injury, insomnia, and a host of other neuro-cognitive disorders. Course includes neurofeedback history and research, EEG & electrophysiology, instrumentation, treatment planning, and experiential modules designed to familiarize the attendee with clinical and performance applications. The course will also provide information and demonstration in quantitative EEG recording and interpretation. The integration of neurofeedback as a complementary approach with other therapeutic procedures to enhance health and wellness will be emphasized.

Course Instructors:

Leslie Sherlin, PhD, QEEG, BCN completed his undergraduate degree and first years of graduate school from the University of Tennessee, Knoxville where he became interested and exposed to quantitative EEG and psychophysiology regulation. For 5 years he was a research assistant working in the Brain Research and Neuropsychology laboratory as a student of Joel Lubar, PhD, a pioneer in neurofeedback. He has the degrees of BA in Psychology, MS in Clinical Psychology and PhD in Psychology. While still an undergraduate he was able to acquire training in Low Resolution Electromagnetic Tomography (LORETA), an imaging technique for localizing electrical activity of the brain, directly from Roberto Pascual-Marqui, PhD in Zurich, Switzerland.

Following these experiences he co-founded the company Nova Tech EEG, Inc, with Marco Congedo, PhD, a company that provides training, evaluation services and equipment/software for quantitative EEG analysis and imaging. Following the first years of primarily research in QEEG and LORETA, he then began practicing QEEG analysis and neurofeedback in a clinical setting and has been involved in client care since 2002 while continuing to pursue research projects in the field of QEEG and psychophysiology. In the past twelve years with Nova Tech EEG, he has had the opportunity to analyze over 35,000 qEEGs.

Beginning in 2008 Dr. Sherlin focused his efforts in the domain of athlete and elite performance when he co-founded SenseLabs and operates as the Chief Science Officer. SenseLabs is a company that specializes in researching and creating paradigms for high performance in elite individuals and developing tools for broader applications in healthy populations. From May 2012 - May 2013 he completed his professional re-specialization in sport psychology and completed a postdoctoral fellowship in sport psychology with Pinnacle Performance at D.I.S.C. Sport and Spine Center in Marina Del Rey, CA under the supervision of Michael Gervais, PhD.

Dr. Sherlin has the academic appointments of adjunct associate professor in the department of mind-body medicine at Southwest College of Naturopathic Medicine; faculty in the department of psychology at the University of Phoenix; and adjunct faculty in the department of psychology at Northern Arizona University. He is listed in the United States Olympic Committee Sport Psychology and Mental Training Registry; is a Certified Consultant by the Association for Applied Sport Psychology; certified at the Diplomat level in quantitative electroencephalography (QEEG); and is BCIA Board Certified both in Biofeedback and Neurofeedback. He has served on the board of directors for both the International Society for Neurofeedback and Research and the Biofeedback Certification International Alliance in a number of elected positions including the President.

Jon Hegg MA, BCN is Board Certified in Neurofeedback. He has a Masters degree in Psychology from the University of Sydney. Jon is also one of Australia's most experienced clinical practitioners in Neurofeedback, having practiced neurofeedback for 18 years and psychology for almost 40 years. He has extensive training in neurofeedback in both Australia and America. He works very closely with Jay Gunkleman, who is one of the world's most knowledgeable pioneers in this field. Jon is president of the Applied Neuroscience Society of Australia and Asia, and is on the Board of Examiners for the Biofeedback Certification International Alliance Australia. Jon is dedicated to expanding the frontiers of Applied Neuroscience and to increase awareness and participation in this exciting emerging field.

Jon's background in Psychology informs his best practice approach to Neurofeedback. He believes that the best Neurofeedback practitioners come from this orientation. He is a long-standing affiliate of EEG Spectrum International. As a senior clinician he seeks to develop collaboration within the Medical, Psychology, Health and Education disciplines. As the Director of the Brain Training Centre in Canberra, ACT, Jon provides a QEEG assessment service to neurofeedback practitioners. The QEEG assessment is the most advanced evidence based neurofeedback method available in the world.

As Jon says: "Over the last 40 years there has been an amazing development in our understanding of the brain and its behaviour. The complexity of this information can now be modeled in a way to describe the most common types of EEGs in failure mode (brainwave patterns). The Endophenotype model (phenotype for short) categories the EEG into a finite set of patterns that can then be used to inform medication and neurofeedback interventions. We can transcend the limitations of descriptive categories like the DSM-V (Diagnostic Statistical Manual-V) and train neural networks that are under optimised regardless of the diagnosis. This approach has enormous benefits for the science and practice of neurofeedback and in guiding medical interventions. This is the approach we use at the Brain Training Centre and our results have improved over what is generally expected across the field. We will be improving outcomes as the pragmatic research continues into what training works best for whom. This is an exciting development, which holds a lot of promise as the field evolves.