Cleveland Workshop on QEEG, Discovery, live Z-Scoring, and Neuroguide

August 23 – 26, 2012
Crowne Plaza Hotel Cleveland South
5300 Rockside Road
Independence, OH 44131

All Experience levels from Beginners to Advanced!

Bring your laptop and equipment or share with someone else! All attendees will receive a 5-Day BrainAvatar PassKey for workshop period! Register today and give us your BrainMaster serial number when you register for the workshop.

Workshop Admission – $845
Daily Rate – $300

Training is geared to the level that you are. From the earliest of beginners to the most advanced, our separate room approach will assure that you won’t fall behind, or feel too far ahead.

For clinicians who are about to dive into the new and exciting world of QEEG brain mapping and interpretation, this 3 day workshop will unlock the mysteries of how morphology of RAW EEG converts into color coded normative brain maps that provide clinically relevant insights. Our team of highly qualified and experienced instructors will cover everything from the basics of how databases are developed and normed to the subtle clinical skill set needed to identify and address underlying neural disregulation. Significant time will be allotted for hands on practice with the established equipment and designs, as well as introducing cutting edge approaches that are demonstrating promising results. The brilliant combination of normative databases with BrainMaster’s Mini-Q, and Discovery 24E adds a dimension that allows the practitioner to observe and train brain activity monitored at up to 19 channels (LFT ZOK, 2 PLUS, PZ Motive, PZ Mean, including Z Bars, BrainAvatar, and Live Topographic Mapping) using the innovative live Z-Scoring methods (P ZOK). Practitioners from all levels of experience will walk away from this workshop with a richer understanding of how to use QEEG brain mapping and analysis to increase clinical efficacy.

FREE EVENING Thursday | 6:00 pm – 9:30 pm | Bill Miklas
Bill Miklas of BrainMaster Technologies Inc. will help BrainMaster users get started with the basics of equipment, software operation, and learn advanced software features including Live Z-Scoring and Z Plus navigation, BrainAvatar™ 4.0 software and Live LORETA Projector features.

Friday | 9:00 am – 5:30 pm | Harry Kerasidis, Neurologist
Harry Kerasidis, MD will present EEG, a historical perspective; A retrospective of how we got to this point in the science of EEG; Neurology for the Neurotherapist; A crash course in neurological terms and current concepts of the more common neurological disorders; The Art of Visual Inspection and Artifact Handling of the EEG; Understanding the raw EEG, frequency bands and their appearance on bipolar and referential montages, epileptiform abnormalities, and recognizing artifact; Interpretation of QEEG; A step by step approach to interpretation of the QEEG, and case presentations/Q&A.

Thomas Collura will present Matching Maps to the QEEG; and case presentations/Q&A.

Friday | 7:00 pm – 9:00 pm | Dick Genardi, PhD, BCN
Prior to Acquisition instructions, Environmental Electrolyte Hygiene, Electrode and Application, and Pilot Acquisition. Collecting the EEG ends on: Prep, connection, use of impedance meter/offsets, monitoring signal quality during recording, length of sampling, factors affecting sample, EO/EOG/Task samples, use of software for acquisition, storage of EEG record, retrieval of EEG record and more! Data collection and artifacting, Protocol selection discussed. Set up your equipment or share. To be continued Saturday evening, as required.

Saturday 9:00 am – 5:00 pm (Part 1, Room 1) | Penijean Rutter and Sunday 9:00 am – 3:00 pm (Part 2, Room 1) | Penijean Rutter
Penijean Rutter, LMHC, CRC, BCN will work with all beginner and early intermediate users of QEEG including Basics of EEG and the 10-20 system, acquiring valid EEG and clean signals, monitoring EEG activity, saving and organizing the EEG files, review of the importance of databases and QEEG, discussion of how the quantitative analysis metrics and methods, create data useful for clinicians, and navigation through BrainMaster BrainAvatar screens. She will also cover importing EEG files into normative database software, artifacting data and creating the brain maps and images, techniques for organizing clinical information, and how to look at and understand brain maps in a clinical setting. Experience NewMind Data Report for Mini-Q and Discovery 24 use- especially valuable for those beginning QEEG but not yet educated to read their own QEEGs, refer them out, or create their own protocols. Also review EEG Screening tool by STS and reviewed by Harry Kerasidis for second opinion analyses. Two-hour practicum reinforcing workshop from 3:00 pm to 5:00 pm Saturday.

Saturday 9:00 am – 5:00 pm (Part 1, Room 2) | Mark Smith and Sunday 9:00 am – 3:00 pm (Part 2, Room 2) | Mark Smith
Mark Smith, LCSW will work with all intermediate and advanced users of QEEG with a focus on the Discovery. Advanced approaches will be discussed, with a review associations of Brodmann areas (BA) with 10-20 electrode sites and LORETA Regions of Interest. Will review handbook materials mapping localization of function with 10-20 sites. Review handbook materials on functional networks, or BA groupings or clusters. Access and become familiar with on-line brain atlas sites. Learn to access databases on brain-behavior relationships, with case study review. Explore the Use of Source Localization Software, sLORETA training (BrainAvatar). Two-hour practicum reinforcing BrainAvatar workshop from 3:00 pm to 5:00 pm Saturday.

Saturday | 7:00 pm – 9:00 pm
Hands-on Practicum (optional) All attendees are invited to further sharpen their QEEG skills. Continuation from Friday evening. Bring equipment.

Sunday | 3:00 pm – 5:00 pm | Dick Genardi, PhD, BCN
Dick Genardi, PhD will review Mapping to Location, Function, and HUBS, and will present practical materials and conceptual resources which the attendee can use to post workshop to integrate the information presented. Attendees will have a means of going from clinical assessment to protocol development with confidence, based on knowledge of brain behavior relationship at the Brodmann level and the network level. Each attendee will receive two BrainAvatar settings file & use will be demonstrated. Review of the neuroanatomical systems involved in fear and anxiety disorders will be reviewed.

To register or get more information, call (800) 447-8052 or 216-766-5707 or Email: stsincc@stresstherapysolutions.com