

ISNR Conference Foundations Track: Why should you attend?

ISNR Foundations is for newbies, students, novices or any practitioner who may need or desire basic level presentations and workshops to sharpen their knowledge and/or skills.

The ISNR Foundations track will be two full days of programs, with conference workshops and small group discussions offered for three days. Please come and join us at the conference - those of you who are new to the field and those of you who would like to fill in any "gaps" in your learning curves will discover content that is interesting and useful.

The ISNR Foundations track will be held on Tuesday and Wednesday, September 19-20, 2017 for Pre-Conference workshops and Thursday, September 21 through Saturday, September 23, 2017 for oral presentations, small group discussions and Conference workshops. We will have one conference workshop and one small group discussion for ISNR Foundations available each day Thursday through Saturday so you can attend one workshop and one small group discussion per day.

ISNR is very interested in meeting the needs of all of our members, so we have listened to your feedback and are launching this Foundations track for the second year. ISNR Foundations does not, however, take the place of other conference programming; I assure you there will be plenty of content for attendees of all levels of expertise to choose from.

Below is the list of pre-conference workshops, oral presentations and workshops being offered this year:

- 1) Tuesday, September 19, 2017
PCW 4: Behavioral Assessment for Protocol Development - ISNR FOUNDATIONS
Level: Basic
Joy Lunt, RN

Assessment is a vital tool in Neurofeedback. It is an essential piece of the foundation required to understand the rationale in protocol development. There are many possible aspects of assessment and this course will focus on the subjective information, important in understanding how dysregulation of brain activity disrupts each person's life. Any sort of assessment needs to be tailored to the intervention that will follow. This course will focus on collecting information that will help provide guidance in the development of individualized protocols. We must gather information that is relevant to each individual. Regardless if you plan to provide feedback using amplitude measurements of one channel of data or use other approaches such as 19 channel LORETA work, it is necessary for the clinician to hear, in the client's own words, how they have been impacted. Many other assessment tools can provide more objective data, but as with any statistical analysis, some of the statistics matter and some do not. In order to develop protocols that meaningfully address each individual, we have to understand what this person is experiencing. It is often helpful to have the additional objective information, but the more subjective assessment is what allows us to really personalize our work. This course will help you understand the model of Arousal as well as how to ask questions about the functions of the various lobes of the brain. As our understanding of the brain grows, our work becomes more complicated. It is important to have a solid foundation and an understanding of how the activity of the brain can change how an individual experiences the world.

- 1) Wednesday, September 20, 2017
PCW 8: Neurofeedback and QEEG Basics – ISNR FOUNDATIONS
Level: Basic
Mike Cohen; Glenn Weiner, PhD

Thursday, September 21 – Saturday, September 23, 2017

Neurofeedback Made EASY. How do you change the brain? Rather than overwhelm we simplify. We SLOW down concepts. Make it easy. So it starts to make sense.

- 2) *WS 1: QEEG Concepts and Applications – ISNR FOUNDATIONS*
Level: Basic
Thomas Collura, PhD

This workshop will provide a more in-depth presentation of the concepts underlying QEEG in clinical practice and in research. Published material will be emphasized. The neurophysiology of the EEG, and the principles of brain localization will be presented. Sample data will include QEEG reports and assessments, which show how the brain electrical activity is relevant to evaluating client presenting problems, and in assessing treatment progress. This material comprises part of the material included in the QEEG didactic blueprint. The presenter will draw from established research, as well as presenting emerging topics from recent progress in research and in clinical practice.

- 3) *60 Minute Oral Talk: Introduction to QEEG Concepts and Applications – ISNR FOUNDATIONS*
Level: Basic
Thomas Collura, PhD

This 60-minute talk will provide a rapid yet concise overview of the foundations of QEEG. The function of the brain, and sources of the electroencephalogram will be presented, as well as an orientation to how QEEG is useful in assessing brain function. A brief introduction to clinical concepts will be included. Attendees will be provided with information useful in discussing and evaluating the potential value of QEEG in mental health practices.

- 4) *WS 9: Treatment Protocol Options – ISNR FOUNDATIONS*
Level: Basic
Glenn Weiner, PhD; Mike Cohen

What's the protocols for falling asleep? For migraines? For anxiety or PTSD? For mood, emotional balance and ...?. 25 years of common NF wisdom. One or 2 channel training can be simple and powerful. History and practice of non-qEEG protocols.

- 5) *WS 17: Autism and Assessment: An Integrated Approach – ISNR FOUNDATIONS*
Level: Basic
Robert Coben, PhD; Anne Stevens, PhD

Do you work with clients who have been diagnosed with Autism? Have you ever wondered how to use neurofeedback to help them? This course will provide useful tools on how to approach ASD cases and then implement neurofeedback strategies that are informed by formalized assessment techniques.

- 6) *60 Minute Oral Talk: How Accurate Assessment Leads to Effective Intervention for ASD - ISNR FOUNDATIONS*
Level: Basic
Robert Coben, PhD; Anne Stevens, PhD

During this workshop, we will review theory, application and empirical evidence that supports these ideas. Assessment utilizing EEG, to include information provided by quantitative measures, such as power, source localization, multivariate coherence, independent components analysis, connectivity will be described. Additionally, other cognitive, behavioral and emotional tests important in case conceptualization will be described. Finally, integrating this wealth of information to elicit a pro/table neurofeedback treatment strategy will be demonstrated by using clinical cases.

- 7) *Small Group Discussion: Update on NFB and Epilepsy - ISNR FOUNDATIONS*
Lauren Frey
- 8) *Small Group Discussion: BCIA Certification, Re-Certification, & Mentoring Plus an Overview Of BCN and BCB - ISNR FOUNDATIONS*
Judy Crawford
- 9) *Small Group Discussion: Different Types of Equipment for Neurofeedback - ISNR FOUNDATIONS*
Mike Cohen