

can be obtained about dysfunctional brain activity in clinical populations.

Upon conclusion of this course, learners will be able to:

1. Evaluate and critically assess ERP studies of clinical populations that were published over the last decade, making use of advanced recording and analysis methods that are now widely used
2. Evaluate and critically assess ERP studies of clinical populations that have been published recently or will be published in the near future that take advantage of state-of-the-art recording and analysis methods, such as dry electrodes and multivariate pattern analysis
3. Integrate recent and emerging research findings into your research or clinical practice

5 min. break

8:55 - 9:00am

Friday, 3rd February, 2023

Plenary D: (Birch Memorial Lecture) Networking towards a Global Neuropsychology: An Invitation to Action

Presenter: Deborah Koltai

9:00 - 10:00am

Friday, 3rd February, 2023

Pacific Ballroom A

Abstract & Learning Objectives:

This lecture will review the progress that we have made in becoming a global field of clinical practice and research and the challenges that await us to consider ourselves a field with worldwide reach and utility. We will inventory the spread of neuropsychology over the last decades, and highlight geographical areas where we are most under-represented. The challenges of supporting the training and subsequent work of neuropsychologists in developing countries will be discussed, as well as the complexity of instrumentation validation and normative standard development in settings with substantial linguistic and ethnic diversity. Importantly, we will explore avenues that each

participant can consider leaning into to participate effectively in the development of a global neuropsychology.

Upon conclusion of this course, learners will be able to:

1. Describe what we know of neuropsychology clinical practice, research, and teaching in Africa.
2. Assess the challenges of developing neuropsychology as a field that are unique to Africa.
3. Identify multiple ways that they can support the global development of neuropsychology, crossing topics that include cultural humility, instrument development and validation, shared resources, and mentoring.

Coffee Break

10:00 - 10:15am

Friday, 3rd February, 2023

Exhibit Hall - Town & Country Ballroom
A

Invited Symposium 2: The Need for a Highly Individualized Approach to Brain Mapping: Neuroanatomical, Lifespan and Cultural-Language Considerations

Chair: David S. Sabsevitz

**Presenters: Madison Berl, Monika
Połczyńska**

10:15 - 11:40am

Friday, 3rd February, 2023

Pacific Ballroom A

Abstract & Learning Objectives:

Brain mapping is critical in reducing risk for cognitive morbidity in epilepsy and brain tumor surgery. Mapping using functional MRI, and extra- and intraoperative electrical stimulation, requires a high level of expertise in functional neuroanatomy but also an understanding of individual patient characteristics that can impact mapping results and post-operative outcome. Patients can vary considerably with respect to