

## **Mini-Linguistic State Examination (MLSE) - A Tool To Diagnose And Subtype Primary Progressive Aphasia**

Friday, July 26, 2024 | 8 a.m. – noon  
Marriott (Grand Ballroom B) — Philadelphia, USA  
All times are in Eastern Standard Time  
In-person attendance only

### **Overview**

Primary progressive aphasia (PPA) and other language presentations of neurodegenerative disorders are fairly common. They can result from Alzheimer's disease, Frontotemporal dementia or Corticobasal syndrome. But evaluation is usually complex and takes considerable time. Suitable instruments adapted across multiple languages are not yet available for the clinical evaluation of PPA. The mini-linguistic state examination (MLSE) is a rapid and comprehensive test to evaluate and subtype PPA. It can be used to chart progression in PPA as well as in cohort studies, clinical trials and for biomarker development. It evaluates five domains: phonology, articulation, semantics, grammar and working memory. The test, which takes 15 minutes to administer, has so far been adapted for and is in the process of being validated in 15 languages across the world including those spoken in both high-income and low-income countries. The MLSE is therefore a suitable and rapid instrument that will eventually be capable of being used to assess PPA in clinics worldwide.

This half-day workshop will take the attendees through the description and elements of the MLSE providing case examples and videos. Details regarding scoring and analysis of errors with examples will also be shown, and ongoing work in various languages across the world will be highlighted. A digital version is now available and can be used to score and administer the test using a ipad/phone. By the end of the workshop, the attendees will be clear about the objectives, the usage and scoring of the MLSE.

### **Organizing Committee**

- Ratnavalli Ellajosyula, Annaswamy Mudaliar General Hospital
- Peter Garrard, St George's University of London

### **Target Audience**

This ISTAART Immersive workshop is targeted to attendees who are in clinical practice, administration and teaching roles and is pitched at an intermediate level.

## Learning Objectives

1. Use the Mini-Linguistic State Examination (MLSE) tool in the clinic.
2. Create PPA profiles using the error-classification approach
3. Recognize the specific constraints guiding cross-linguistic adaptation of a language assessment instrument

## Registration

Educational workshops are offered for in-person attendance only. Workshops require a separate registration fee in addition to AAIC full conference registration, or they may be purchased as stand-alone events.

## Agenda

Time	Session Details	Speakers and Moderator
7:00 a.m. - 8:00 a.m.	<b>Light Breakfast</b>	
8:00 a.m. - 8:20 a.m.	<b>Registration, coffee &amp; networking</b>	
8:20 a.m. - 8:40 a.m.	<b>Introduction to Primary Progressive Aphasia</b>	Marilu Gorno-Tempini
8:40 a.m. - 8:50 a.m.	<b>Diagnostic assignment of video recorded patients</b>	Electronic voting by audience Moderator - Peter Garrard
8:50 a.m. - 9:20 a.m.	<b>Introduction to the Mini Linguistic State Examination</b>	Peter Garrard
9:20 a.m. - 9:30 a.m.	<b>Error assignment of video recorded samples</b>	Electronic voting by audience Moderator - Peter Garrard
9:30 a.m. - 9:50 a.m.	<b>Breakout sessions x3: test adaptation to other languages:</b> 1) Spanish 2) Mandarin 3) Tagalog	<u>Moderators / Rapporteurs</u>  Leticia Vivas Boon-Lead Tee Jessica de Leon
9:50 a.m. - 10:15 a.m.	<b>Refreshment break</b>	

10:15 a.m. - 11:00 a.m.	<b>Breakout group rapportage</b>	Leticia Vivas Boon-Lead Tee Jessica de Leon
11 a.m. - noon	<b>Live scoring of patient videos using electronic version of the test</b>	Moderator - Peter Garrard
Noon - 1:00 p.m.	<b>Lunch</b>	