



Dear Friends:

Universidad Santa Paula, invite you to celebrate the III International Conference of Speech Therapy, “Projecting New Trends”, to be held July 7th-8th, 2017, HOTEL AUROLA HOLIDAY INN, SAN JOSÉ-COSTA RICA.

In this opportunity, we will expand each of the thematic axes of our conference. These are fundamental in the development of action plans on the disturbances of communication, language, speech, voice and swallowing in America and Europe through experiences and updates.

It will be a great opportunity to update our knowledge on issues that have marked an important advance in this career in recent years.

We hope it will be a meeting place for professionals, academics, researchers and the community in general.

Papers, posters and videos, can be submitted from February until April 22, 2017, in Spanish via email to the following address:

info@congresoterapiadellenguaje.com

Themes:

1. Communication Technology:

It is necessary that professionals who provide support to people with significant communicative alterations are aware of the various tools that can be used in the rehabilitation field. This provides equality of opportunities and a better participation of this type of population in society.

Highlight the importance in knowledge and use of different technologies that favor the person-environment interaction in the development of communicative competences.

Goals:

- A. Indicate the appropriate and timely use of Communication Technologies.
- B. Select the population or specific conditions in which Communication Technologies are required.



2. Neurolanguage:

Neurolinguistics is the study of the processes in the human brain, relating to the achievement of comprehension and expression of spoken and written language. This branch benefits from contributions from linguistics, neurobiology and computational linguistics.

It is often linked to the study of language in adults, swallowing, language disorders in children and speech studies.

As for the Neurofeedback, the Speech Therapist Lidia Constanza Méndez defines it as:

"Neurofeedback, also known as serotherapy or neural therapy, is a type of biofeedback, which allows the visualization of the brain wave as seen in the EEG in such a way that there is a feedback that can be modified "synchronized" said waves. This synchronization of waves facilitates the conduction of the nerve impulse.

Neurofeedback is training in self-regulation, which is necessary for optimum brain function. Self-regulation training improves the function of the Central Nervous System and therefore improves mental performance, emotional control and physiological stability. It allows the neurological compensation in those pathologies where there is damage in the nervous conduction. Facilitates the motor sequentiality of speech".

Goals:

- A. Guide the knowledge of Neurolanguage to the behavior and cerebral processes in relation to language and speech.
- B. Establish the main differences between psycholinguistics and neurolinguistics
- C. Emphasize the importance of neurological processing in linguistic functions generates for the Speech Therapist.
- D. Using Neurofeedback as adjuvant in the therapeutic process of the patients with neurological affections.

3. Orofacial Motility:

Orofacial Motility includes aspects that must be known to the Speech Therapist such as anatomy and physiology of the structures that make up the cranial, cervical and



orofacial region. Emphasizing in the promotion, prevention, evaluation, diagnosis, intervention and research and its direct relation to the stomatognathic system

The scope of performance of the Speech Therapist in our country, as a health professional, must respond and comply with the demands and challenges evident and needed according to the population. This is an exercise that must be addressed in parallel with the current competencies of our discipline worldwide.

Orofacial Motility is an important aspect within the professional's work in Speech Therapy; studying everything that concerns the uses of the stomatognathic system and with the goal of allowing the normal use after the habilitation or rehabilitation of the muscles and structures attached to the face, Skull and neck.

The professional responsible for preventing, detecting, evaluating, diagnosing and intervening alterations that affect the orofacial motility and sensitivity in any type of population is the Speech Therapist. Therefore it is necessary to have an adequate knowledge and management by this professional in relation to the anatomical, neurological, functional aspects of the muscular, bony, nerve, articular and other structures that conform the orofacial and cervical skull zone. Likewise, recognizing the importance of interdisciplinary work with the maxillofacial surgeon.

Goals:

Empower the Speech Therapist in the knowledge of the anatomical and functional aspects of the musculoskeletal system of the head and neck.

Promote the participation in the prevention, detection, structural and functional evaluation, diagnostic processes and intervention in orofacial motility covering the pediatric, adolescent and adult populations with craniofacial malformations.

For the presentation of formal works in the conference, you must consider the following instructions:

a. Deadline to turn in summaries: April 7th, 2017

- **REGISTRATION:**

Students and Foreign Professors: \$220

Professionals: \$250

7-8 July 2017
AUROLA HOLIDAY INN
SAN JOSÉ-COSTA RICA



Students and USP teachers: \$200

* Fees are in U.S. Dollars

We will see you in Costa Rica!

Lidia Diana Arenas
Coordinadora
**III Congreso Internacional de
Terapia del Lenguaje**

Rocío Valverde Gallegos
Rectora
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Directora Escuela Terapia del
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