



Brochures and Flyers

La Salle University Speech-Language-Hearing Community Clinic.....	Pages 2-3
Penn Medicine Laboratory for Cognition and Neural Stimulation.....	Pages 4-5
Temple University Aphasia Rehabilitation Research Laboratory.....	Pages 6-8



*Speech—Language—Hearing
Community Clinic*



1900 West Olney Avenue
St. Benilde Tower
(near the Olney/Wister/Chew intersection)
Philadelphia, PA 19141

All services are provided at no cost to the patient



Being able to communicate with others is critically important to quality of life. People who struggle when speaking – perhaps they stutter, have had a stroke, or can't pronounce words clearly – can feel isolated, and struggle at work, school, or with friends.

Speech pathology graduate students at La Salle's Speech-Language-Hearing Community Clinic, along with their licensed, certified instructors, work with both children and adults who may have trouble reading and writing, as well as speaking.

They assess speech, discuss details with family (for pediatric patients), create a treatment plan, and follow through with the necessary therapy. They also counsel parents and family members on how to reinforce treatment at home. Treatment for speech disorders involves a lot of practice, and family members play an important role. **All Clinic services are provided at no cost to the patient.**

> WE CAN HELP WITH THE FOLLOWING:

- Slurred speech after a stroke
- Difficulty pronouncing words, being understood
- Incoherent speech or trouble finding the right words
- Children who start talking late
- Swallowing problems
- Stuttering
- Hoarse voice, constant laryngitis
- Unable to speak after brain injury
- Difficulty reading/writing after a stroke
- Risks associated with autism spectrum disorder or developmental syndrome
- Difficulty understanding language or speaking after a stroke

LOCATION AND HOURS:

We are conveniently located on the second floor of St. Benilde Tower on La Salle University's Northwest Philadelphia campus – near the intersection of Wister/Chew/Olney. The Clinic is open throughout the year with day and evening hours. Call 215.951.1888 to schedule an appointment.

COST:

Even if you have no health coverage, or if your health plan benefits have run out, we can help. **All services are provided at no cost to the patient or family.**

HAS A STROKE LEFT YOU OR A LOVED ONE SPEECHLESS?

You may be eligible to participate in a new clinical trial

The Laboratory for Cognition and Neural Stimulation (LCNS) is looking for persons with **aphasia** caused by stroke. **Aphasia** is a language disorder that affects one's ability to communicate. This clinical trial uses Transcranial Magnetic Stimulation (TMS) combined with language therapy to investigate language recovery. TMS is a safe approach that uses magnetic pulses to modify the activity of small regions of the brain from outside the head.



Are you eligible?

Must have/be:

- Ages 18-80
- Had a stroke which occurred at least 6 months ago
- Native English speaker

Cannot have/be:

- Had a seizure within the past 6 months
- History of psychiatric hospitalizations
- Persistent ringing in the ears
- Pregnant or have plans to become pregnant
- Current abuse of drugs or alcohol

** To qualify, must meet with a neurologist to discuss medical history. Also, must meet with speech therapist to determine language ability

Participants will receive:

- \$15.00 per hour for treatment and testing as well as reimbursement of up to \$50.00 for transportation costs per visit

Visit Breakdown:

This trial has 22 visits over a 6 month span

- Visits 1-5: Includes Medical Screening, Baseline Language Testing, and an MRI
- Visits 6-16: Treatment
- Visits 17-22: Follow-up Language Assessments and an MRI

** During our trial, you must refrain from additional speech therapy

For more information, call or email a member of the study team:

**braintms@pennteam.upenn.edu
215-573-4336**

CILT+HD-tDCS As A Potential Therapy for Primary Progressive Aphasia

About the study:

Primary Progressive Aphasia, or PPA, is a condition that affects language abilities. A person with PPA may have difficulties speaking, understanding speech, reading, or writing, and these difficulties worsen over time.

The purpose of this study is to determine whether a form of non-invasive brain stimulation called High-Definition Transcranial Direct Current Stimulation (or HD-tDCS) can be used as a therapeutic technique, in combination with Constraint-Induced Language Therapy (CILT) to improve the language symptoms of PPA.

HD-TDCS uses a mild electrical current, about the same strength as a 9-volt battery, to stimulate regions of the brain from outside the head. This is performed using small electrodes placed inside gel-filled capsules on the scalp using an elastic cap that help conduct the electrical signal into the brain. HD-tDCS changes how responsive certain regions of the brain can be (i.e., more or less responsive).

CILT is a form of speech therapy that focuses on improving speech production in everyday life. During the study, you will do some language testing to assess your current performance. Then, during the therapy, you will start at this level. We will change the therapy as you improve in order to make sure you have the best chance of increasing your language skills.

This study will use HD-tDCS combined with CILT to try to increase how responsive the language areas of the brain can be, in order to determine whether this type of stimulation can help enhance the benefits of CILT.

Who may be eligible to participate?

- Ages 45-80 years old
- Must have aphasia due to Primary Progressive Aphasia
- Native English speaker

Visit Breakdown:

Visit 1 - Enrollment & Screening
Visit 2- Baseline MRI
Visit 3 & 4 - Baseline Language Assessment
Visit 5 - 14 - Therapy
Visit 16 - 18 - Immediate Follow-up
Visit 19 & 20 - 6 week Follow-up
Visit 21-24 - 12 week Follow-up
*****CROSSOVER*****
Visit 25 - Baseline Language Assessment
Visit 26-35 - Therapy
Visit 36-38 - Immediate Follow-up
Visit 39 & 40 - 6 week Follow-up
Visit 41-43 - 12 week Follow-up

Participants will be asked to STOP all speech & language therapies outside of study participation.

Compensation:

Participants will be compensated for their time & travel.

For more information, contact the study coordinator: Christopher Haslam
CHaslam@pennteam.upenn.edu

Take Part in Our Research

Are you an individual with a history of aphasia?

We are seeking persons with aphasia to participate in our research and/or enroll in one of our aphasia treatment programs. The study consists of testing your speech, language, memory and organization.

Are you a doctor, researcher or clinician in the field?

Your patients may be eligible for participation in our studies.

Are you a healthy adult interested in participating?

We are seeking healthy older adults to participate in our research to better understand the language, memory, and organizational problems that may occur when someone has a stroke.

Are you a student interested in volunteering?

Please visit our website at www.saffrancenter.com and fill out the student application or email us at saffrancenter@temple.edu for more information.



Center Location

Temple University
College of Public Health
Department of Communication
Sciences & Disorders
983 Ritter Annex
1301 Cecil B. Moore Avenue
Philadelphia, PA 19122



Mailing Address

Eleanor M. Saffran Center for
Cognitive Neuroscience
110 Weiss Hall
1701 N 13th Street
Philadelphia, Pa 19121

Phone: 215-204-4350

Fax: 215-204-6334

E-mail: saffrancenter@temple.edu



APHASIA REHABILITATION RESEARCH LABORATORY

Temple University *Informational Brochure*



www.saffrancenter.com



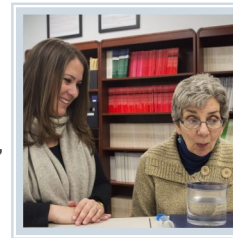
Nadine Martin, Ph.D.

Nadine Martin, Ph.D. is a Professor of Communication Sciences and Disorders at Temple University and serves as the Director of *The Eleanor M. Saffran Center for Cognitive Neuroscience*. Her research on language and verbal short-term memory abilities in aphasia, supported by the National Institutes of Health (NIH), has contributed greatly to both theoretical and applied models of aphasia rehabilitation.



Our Lab

Researchers, clinicians and students in this laboratory work together to investigate the relationships among language and short-term memory impairments associated with aphasia. Stroke and progressive neurological disorders often lead to changes in language and other cognitive functions. The knowledge we gain through the study of these changes is used to develop better diagnostic measures and more effective treatments for aphasia. Our aim is to find ways to improve the overall communication abilities, and consequently, the quality of life, for people with aphasia.



Research

The tests and treatments we offer are experimental, and are based on the latest knowledge of language and cognitive difficulties associated with aphasia.

Diagnostic

- ◇ Temple Assessment of Language and Verbal Short Term Memory in Aphasia (TALSA)
 - The TALSA test battery carefully evaluates language and verbal short term memory abilities in individuals with aphasia.

Treatment

- ◇ Here at the laboratory, we have strategically developed treatment approaches for many areas of language and verbal STM, including:
 - *Word and sentence production*
 - *Word and sentence comprehension*
 - *Holding onto words in memory*
 - *Improving conversational skills*

Why Get Involved?

There are many reasons to get involved with research in our laboratory. With your participation, we can determine if the treatment within our research program is effective and reliable in language and verbal short-term memory rehabilitation. Take advantage of the opportunity the laboratory has to offer:

- ◇ Practice your language and short-term memory abilities
- ◇ Improve your ability to communicate with others
- ◇ Become a part of a supportive and interactive aphasia community
- ◇ Help improve rehabilitation methods for aphasia and other language disorders that occur after stroke or other neurological disorders

Please see backside for details on how to get involved with the Aphasia Rehabilitation Research Laboratory



GET PAID FOR LANGUAGE AND MEMORY RESEARCH

The Aphasia Rehabilitation Research Laboratory at Temple University is seeking participants for online and in-person studies of language and memory.

LOCATION

- Your home via computer
 - No computer skills necessary – a researcher will facilitate instruction
- Our lab at Temple University
 - Extensive safety procedures are in place for in-person appointments

ELIGIBILITY REQUIREMENTS

- Age 18 or older
- Native English speaker
- Healthy adults and those with a diagnosis of aphasia or mild cognitive impairment

PAYMENT

- \$10/hour; \$10 transportation (for on-site sessions)

Contact us at emslab@temple.edu
or call us at 215-204-4350.

