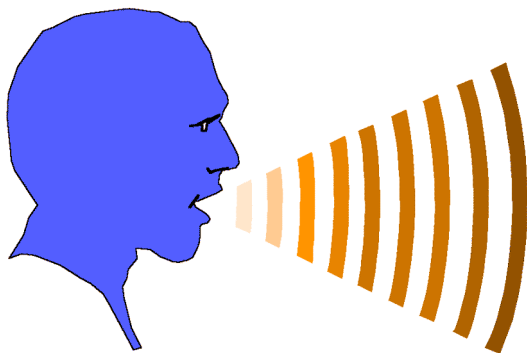


INFORMATION ABOUT THE STUDY

The materials collected from your participation in the study will be used to investigate a variety of topics. The information we obtain in three short days from you and other participants could lead to exciting developments in the knowledge and treatment of Primary Progressive Aphasia.

Our research is being conducted by M.-Marsel Mesulam, MD. The study lasts three days total, about seven hours each day, including breaks. On day one, you will be in Chicago where you'll perform a variety of neuropsychological tasks. Also, you will have an MRI. On days two and three, you will travel to the campus in Evanston and participate in a variety of language and naming experiments, some that involve voice recording, and others that involve EEG.

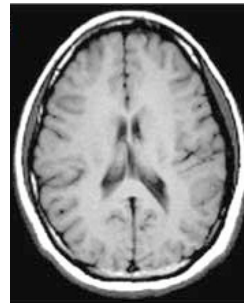
Participation in this study is strictly voluntary. You and your study partner will have travel, meals and accommodations paid for. You will also receive a daily stipend for your time.



ABOUT MRI

MRI, or Magnetic Resonance Imaging, is a special technique that researchers and clinicians use to see the muscles and tissues inside the body. For the PPA study, we will be looking at the brain.

The MRI portion of the study takes about forty-five minutes. You will change into a hospital gown and remove all metallic objects (jewelry, hearing aids, etc.). You will be asked to lie still on a table and place your head in a specifically-designed holder which helps keep you from moving your head. After you are secure, the table will slide into the enclosed portion of the scanner.



The MRI makes loud banging noises and you may feel a small vibration, but this is normal. To communicate with the staff through an intercom system and to protect you from the noise, you will be wearing headphones specifically designed for MRI. You will have constant contact with the researchers while you are in the scanner.

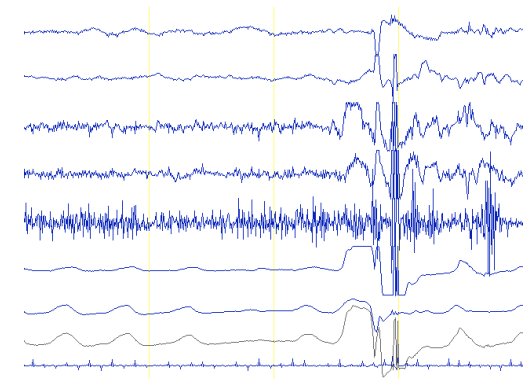
The images obtained will be used to compare with other scans and to correlate your other data.

ABOUT THE EEG

An EEG, or electroencephalogram, is another non-invasive technique used to learn about specific functions of the brain. In this type of study, the electric activity of the brain is recorded through electrodes placed on the scalp.

To prepare for the EEG, a research assistant will have you sit down while they prepare a cap to place over your scalp. The cap has little holes in it, and they will put a small amount of gel on each hole so that the electrodes can record. The electrodes are then placed on top of each gel spot. You will then be asked to perform a variety of tasks while the EEG records the signals that your brain emits. This will last about an hour.

After the experiment is finished, the researchers will take off the cap. You may have a little bit of gel remaining in your hair. We will have water-free shampoo kits for you to use to remove it, if you prefer.



COMPENSATION

TRAVEL

Out of town participants will have travel and accommodations paid for. Local participants will have travel expenses compensated. All travel must be booked through the CNADC.

MEALS

Patients and study partners who are from out of town will be reimbursed for three meals a day; local patients will be reimbursed for lunches. To receive compensation, all original, itemized receipts must be submitted to CNADC in a timely fashion. Alcohol is not eligible for compensation. Allotted meal expenses will be reasonable based on the Chicago-land area.

OTHER COMPENSATION

In addition to travel and meal costs, patients will be paid \$100 per day up to \$300.

PAYMENT

The per-day compensation as well as the reimbursement for meals and gas will be paid in the form of a check and should arrive at the patient's home approximately 1-2 weeks after the study visit.

ABOUT NORTHWESTERN



Northwestern University, founded in 1851, is home to more than 24,000 students, faculty, and staff. The school has two campuses; one in Chicago that houses the Feinberg School of Medicine, Kellogg School of Management, the School of Law, and other science and health related buildings, and a larger one in Evanston that is home to many departments and all undergraduates. Northwestern University combines innovative teaching and pioneering research in a highly collaborative environment that transcends traditional academic boundaries. It provides students and faculty exceptional opportunities for intellectual, personal, and professional growth. Each year, the university and its faculty receive more than \$350 million in research grants.



For more information, please contact:

Christina Wieneke, project coordinator
CNADC, Northwestern University
320 E. Superior Street
Searle 11-465A
Chicago, IL 60611
e-mail: c-wieneke@northwestern.edu
ph: 312-908-9681
fax: 312-908-8789
www.brain.northwestern.edu

LANGUAGE IN PRIMARY PROGRESSIVE APHASIA

Research Study

Funded by the National Institute on Deafness and Other Communication Disorders and the National Institute on Aging

PATIENT INFORMATION BROCHURE

Northwestern University
Cognitive Neurology and
Alzheimer's Disease Center

