Postdoctoral Research Associate Position at the Northwestern University Mesulam Center

**Neuropsychological Studies of Language in Aging And Neurodegenerative Disease.**

A 2-year Postdoctoral Research Associate position is available at the Mesulam Center for Cognitive Neurology and Alzheimer’s Disease (Northwestern University Feinberg School of Medicine, <https://www.brain.northwestern.edu/index.html>), to work on projects focusing on the neurobiology of neurodegenerative disease. The Research Associate will work under the supervision of Drs. Marsel Mesulam, Sandra Weintraub, and Elena Barbieri and will have the opportunity to develop and collaborate on research projects that make use of our large database of neuropsychological and multimodal neuroimaging (MRI/fMRI, DTI, perfusion, PET) collected from individuals with clinical syndromes of Primary Progressive Aphasia (PPA), Dementia of the Alzheimer’s Type (DAT) and from cognitively healthy older participants, as well as of our large brain bank.

The position is available immediately for an initial period of 2 years, with potential extension for additional years, depending on funding. International candidates are encouraged to apply.

**Mentorship and environment**

The mission of the Mesulam Center is to investigate the neurobiology and cognitive trajectories of normal cognitive aging and dementia, while also offering personalized care to patients and their families through the affiliated clinical sites. Research at the Mesulam Center is focused on understanding the biological mechanisms that cause several types of dementia, by addressing the cognitive, neuroimaging, cellular, molecular and genetic aspects of neurogenerative disease. This comprehensive approach is made possible by the presence of a diverse, international team of experts from different disciplines including molecular neuroscience, neuropathology, neuroimaging, neuropsychology, behavioral neurology, and psychosocial aspects of aging and dementia. The Postdoctoral Research Associate will therefore have the unique opportunity to work in a multidisciplinary, collaborative, inclusive and diverse environment.

**Required qualifications for this position**:

* A PhD degree in cognitive neuroscience, neuropsychology, experimental psychology, communication sciences and disorders, or related disciplines;
* At least one first-author publication in a peer-reviewed journal;
* Experience performing data analysis using statistical approaches (e.g., linear regression, machine learning, principal component analysis, etc..)
* Experience with one or more neuroimaging techniques (MRI/fMRI, DTI, perfusion, PET)
* Ability to work independently and collaboratively as a team;
* Excellent written and communication skills.

**Desired qualifications**:

* Experience in working with clinical populations, especially middle aged and older adults with neurodegenerative diseases;
* Familiarity with language disorders and/or language assessment.

If interested, please e-mail your CV, a cover letter and the names of two references to elena.barbieri@northwestern.edu.