Neuroscience of Language Lab — Reading and Speaking Arabic

POSITION TITLE: RESEARCH ASSISTANT

RESEARCH PROJECT TITLE: NEUROSCIENCE OF LANGUAGE LAB: READING AND SPEAKING ARABIC

FACULTY NAME & TITLE: Alec Marantz & Liina Pylkkänen, Professors of Linguistics and Psychology, NYU, Co-Directors of the Neuroscience of Language Lab, NYU Abu Dhabi Institute

RESEARCH PROJECT DESCRIPTION

RA is needed for three related magnetoencephalography projects involving Arabic. 1. Investigation of the neural bases of dyslexia and the efficacy of intervention, 2. Investigation of the use of morphological knowledge in the auditory processing of Arabic words (Modern Standard and Emirati Arabic), 3. Investigation of the neural bases of word combinations in phrases and sentences, both in comprehension and production.

RESPONSIBILITIES OF THE POSITION

- Help design Arabic-language experiments (behavioral and MEG)
- Help coordinate studies with dyslexia centers, schools, and local universities
- Help run child and adult Arabic subjects in MEG lab
- Be involved in every step in the planning, execution, and analysis of neuroscience experiments (to acquire skills in experimentation and communication of results)

ESSENTIAL QUALIFICATIONS:

Background in psychology and/or linguistics
Fluency in Arabic
Experience with children
Management and organizational skills
Some computational skills
Clear, concise writing

PREFERRED EXPERIENCE / SKILLS:

Experience with EEG or MEG data, or related electrophysiological measurements
Statistics
Experimental design
APPLICANTS TO PROVIDE:

1. Statement of interest in the position
2. Transcript of degree(s)
3. CV
4. Two letters of recommendation