

UWS POSITION STATEMENT

POSITION DETAILS:

Position Title: POSTDOCTORAL RESEARCH FELLOWSHIP –
SPEECH PERCEPTION & PRODUCTION IN TONAL
LANGUAGES

Establishment No:

School/Office: MARCS AUDITORY LABORATORIES

College/Division: COLLEGE OF ARTS

Level: ACADEMIC – LEVEL A

Term: 2 YEAR – FIXED TERM CONTRACT

CONTEXT:

MARCS is a vibrant multi-disciplinary University of Western Sydney Research Centre, situated within the College of Arts, Bankstown Campus. MARCS is involved in research involving auditory perception and cognition, particularly in the fields of speech and language; music, sound and action; and hearing and auditory processes.

MARCS has state-of-the-art laboratories and equipment, extensive higher degree research student facilities, and numerous research staff, doctoral students and support staff. MARCS personnel collaborate with researchers from various disciplines including psychology, linguistics, music, education, computer science and engineering, both nationally and internationally, and are also involved in a broad range of industry partnerships.

PURPOSE/MAJOR RESPONSIBILITIES:

MARCS Auditory Laboratories is seeking a Research Fellow with a background in speech perception and production. The specific focus of the research program for this fellowship is cross-language studies of speech perception in infant and speech production and perception in adults. In particular this project will be concerned with tone and pitch-accent in Thai Cantonese, and Mandarin; and Japanese and Swedish.

REPORTING RELATIONSHIP:

The successful applicant will report to Professor Denis Burnham, Director MARCS Auditory Laboratories.

SCOPE:

The successful applicant will be involved in a range of research activities including conducting specific programs of research, the coordination and supervision of research staff. It would be expected that at least 20% of time would be devoted to autonomous research activities.

KEY FUNCTIONS/RESPONSIBILITIES/DUTIES:

- Oversee and conduct research in speech perception and production in infants and adults, using apparatus methods and procedures such as OPTOTRAK, alternating stimulus methods, functional data analysis and modelling and inferential statistics method.
- Prepare experimental protocols in computerised experimental environments eg. DMDX for the conduct of perception experiments, conduct and/or oversee such experiments in China, Malaysia, Japan, Thailand and Sweden, and analyse resulting data.
- Participant where appropriate, in collaborative work with members of the MARCS.

- Participant in postgraduate research supervision where appropriate.
- Contribution to the preparation and/or individual preparation of research proposal submissions to both internal and external funding bodies.
- Involvement in scholarly and professional activities, including attendance at conferences, seminars and publishing in recognised journals.
- Develop and maintain good communication with students and staff.
- Complete administrative functions, and attend meetings as required within the Centre and College.
- Apply Equal Opportunity, Staff Equity, Affirmative Action and Occupational Health and Safety programs, plans, principles and legislation in all aspects of work.

SELECTION CRITERIA:

- A PhD in psychology, linguistics, or speech science or related discipline.
- Excellent oral and written communication skills; excellent interpersonal skills and the ability to work collegially and effectively in a team.
- Demonstrated research experience that has resulted in publications in quality refereed journals.
- Knowledge of developing research grant submissions either as part of a team or individually and experience working within the constraints of a funded research project.
- Experience or knowledge of working with industry/community collaborators.
- Demonstrated capacity to contribute to the supervision of research students.
- A demonstrated understanding of the principles of equal opportunity, equity and occupational health and safety and the willingness and capacity to implement equal opportunity, equity and occupational health and safety plans and programs.

Date Position Statement Last Reviewed:

Date Position Statement Last Classified: