



SOCIETY FOR THE
NEUROBIOLOGY OF
LANGUAGE

Newsletter

JUNE 2022



SNL 2022

October 6-8, 2022

Loews Philadelphia Hotel | Philadelphia, Pennsylvania

Save the Date

SNL 2022 | OCTOBER 6-8, 2022

[Loews Philadelphia Hotel, Philadelphia, PA](#)

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Society's Journal

Neurobiology of Language is the open-access journal sponsored by the Society for the Neurobiology of Language and MIT Press. Launched in March 2019, the journal provides a new venue for articles across a range of disciplines addressing the neurobiological basis of speech and language. To learn more about Neurobiology of Language and how to submit articles, go to

<https://www.mitpressjournals.org/nol>.



Neurobiology
of Language



Job Postings and Announcements

If you have a job posting, general announcement, or conference that you would like to include in the SNL Newsletter, please send it to newsletter@neurolang.org



Job Postings

The University of Queensland Postdoctoral Researcher position

A new postdoctoral position is available to work with Robinson and Lambon Ralph on the fundamental mechanisms of creative thought at the University of Queensland (School of Psychology and Queensland Brain Institute), in Brisbane, Australia: <https://www.seek.com.au/job/57057954>.

We are looking for a highly motivated and innovative postdoctoral researcher to conduct research in the broad field of cognitive neuroscience and neuropsychology, with particular emphasis on understanding fundamental mechanisms of creative thought, which involves both executive control processes and semantic cognition. The ideal candidate will have a solid grounding in cognition (language and/or executive functions) and statistical analysis, experience and competency with neuroimaging, and a keen interest in neuropsychology. The research fellow will conduct research projects involving measurement of behaviour and brain activity (using fMRI), and they will design and carry out experiments, conduct data analyses, prepare results for publication and present findings, and assist with student supervision and teaching. The primary supervisor is Professor Gail Robinson (<https://qbi.uq.edu.au/robinsongroup>), and the project is in collaboration with Professor Matt Lambon Ralph (<http://www.mrc-cbu.cam.ac.uk/people/Matt.Lambon-Ralph/>). Informal inquiries are welcome (gail.robinson@uq.edu.au). Applications close on Wednesday, July 20th at 11:00 pm AEST.



Research Speech-Language Pathologist Johns Hopkins University

Role/Level/Range: ACRP/04/MD
Starting Salary Range (\$): Min to Mid - \$53,020 - \$72,930
Employee group (Full time/Part-time/Limited/Casual): Full Time
Schedule (hours/days): 7.5/5
Department name: Neurology
Division: Cerebrovascular

General summary/purpose:

Position available in July 2022, with flexible starting date, for energetic and inquisitive speech-language pathologist in the SCORE lab (Stroke Cognitive Outcomes and REcovery lab, PI: Argye Elizabeth Hillis; website: SCORE.jhmi.edu). This position would provide opportunity to conduct clinical research on recovery after stroke, with a diverse, collaborative and collegial team of investigators and clinicians, including other research SLP's, post-doctoral fellows, research assistants, students, and faculty in

Neurology and Physical Medicine and Rehabilitation. One study is evaluating the cognitive and neural mechanisms underlying recovery of affective prosody impairments after right hemisphere stroke, through longitudinal multimodality imaging and behavioral testing over the first year after stroke. The other aims to identify cognitive and neural mechanisms underlying recovery of language impairments after left hemisphere stroke, also through longitudinal multimodality imaging and language testing over the first year after stroke. In addition, the SLP would have the opportunity to participate in a clinical trial of escitalopram to augment language treatment for aphasia and/or clinical trials of transcranial direct current stimulation (tDCS) or neurofeedback to augment language treatment for post-stroke aphasia and primary progressive aphasia. Training is available in structural and functional neuroimaging analysis, tDCS, neurofeedback, and other methods of investigation. Visit our website for more information: <https://score.jhmi.edu>. CFY supervision can be provided, on a negotiable part-time basis, in assessment and treatment of neurogenic communication disorders, by experienced speech-language pathologists with joint appointments in the SCORE lab.

Minimum qualifications (mandatory):

Master's level or equivalent graduate degree in speech pathology; strong written and oral presentation skills; strong organizational skills with ability to work independently and prioritize multiple tasks; ability to supervise others and to work well with collaborators, staff, and research participants.

Preferred Qualifications: neuroimaging experience, research experience

Interested persons should contact Argye Hillis at argye@jhmi.edu



**Professor/ Associate Professor/ Assistant Professor (Language Sciences),
Department of Linguistics and Modern Languages,
The Chinese University of Hong Kong**

The Department of Linguistics and Modern Languages is a young and vibrant Department, devoted to the study of language and mind, with strengths in theoretical linguistics, language acquisition, bilingualism, sign linguistics and language disorders. We are seeking to hire a dynamic language scientist with an interdisciplinary orientation and the ability to interface with other strategic areas of the Department and the University. The appointment will be at the rank of Assistant Professor, Associate Professor or Professor, depending on the credentials of the candidate.

The Department is looking for a language scientist to support research and teaching activities in its strategic area of neurolinguistics and language disorders. We are particularly interested in candidates who conduct theory-driven research that informs our understanding of language representation, processing, acquisition, and/or disorders. Individuals whose research interfaces with neuroscience, data science, and/or language technology are especially welcome. Those who have secondary interests in phonetics/phonology, syntax, semantics, language acquisition, bilingualism and/or sign linguistics are also welcome.

Applicants should have (i) a PhD degree in linguistics or a related field (e.g. applied linguistics, deaf studies, cognitive science); (ii) a strong record of research publication commensurate with rank; (iii) a record of success in obtaining external grants (or potential of doing so for Assistant Professor); and (iv) a commitment or record of teaching effectiveness, especially in courses related to language sciences. The primary medium of instruction of the Department is English, for both undergraduate and postgraduate courses. The Department collaborates closely with other departments and research units across the University and its Greater Bay Area affiliates. It is equipped with state-of-the-art research facilities, including sound chambers, eye trackers, fNIRS and EEG systems. The University has a core neuroimaging facility that provides access to research-dedicated MRI scanners. The

University's Shatin campus is adjacent to the Hong Kong Science and Technology Parks, and along with its Greater Bay Area initiatives, offers ample opportunities to collaborate with industrial partners.

The appointee is expected to (a) teach undergraduate and postgraduate courses in language sciences; (b) supervise projects and theses of undergraduate, MA, MPhil and PhD students; (c) conduct programmatic research in his/her areas of expertise; and (d) undertake administrative duties.

Appointment will normally be made on a contract basis for up to three years initially commencing January 2023 or as early as possible, which, subject to mutual agreement, may lead to longer-term appointment or substantiation later.

Please submit your application via our [online system](#).
Closing date: July 31, 2022



**Professor/ Associate Professor/ Assistant Professor (Language Acquisition),
Department of Linguistics and Modern Languages,
The Chinese University of Hong Kong**

The Department of Linguistics and Modern Languages is a young and vibrant Department, devoted to the study of language and mind, with strengths in theoretical linguistics, language acquisition, bilingualism, sign linguistics and language disorders. The Department is looking for applicants whose research has a strong grounding in linguistic theory and who employ conventional and/or contemporary research methods to address core issues in the relationship between linguistic theories and language acquisition. Applicants whose research has an interdisciplinary orientation and the ability to interface with other strategic areas of the Department and the University are especially welcome.

The appointment will be at the rank of Professor, Associate Professor or Assistant Professor, depending on the credentials of the candidate. Applicants should have (i) a PhD degree in linguistics; (ii) a strong record of research publication commensurate with rank; (iii) a record of success in obtaining external grants (or potential of doing so for Assistant Professor); and (iv) a strong commitment or record of teaching effectiveness, especially in courses related to language acquisition.

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Appointment will normally be made on a contract basis for up to three years initially commencing January 2023 or as early as possible, which, subject to mutual agreement, may lead to longer-term appointment or substantiation later.

Please submit your application via our [online system](#).
Closing date: August 31, 2022



Two Postdoctoral and One PhD Positions in the Research Group Language

The research group Language Cycles investigates how the electrophysiological profile of the human brain constrains our ability to understand language—and how this may have shaped human language as such, cross-linguistically. We directly link behavioral psycholinguistics, experimental neurolinguistics (i.e., M/EEG), corpus linguistics (i.e., treebanks), and computational linguistics (i.e., information-theoretic modeling).

- (1) The first postdoctoral researcher (2 + 1 years) will analyze a large-scale cross-linguistic dataset of behavioral responses collected through a smartphone application over the past years. In particular, the candidate will analyze the relationship between spectral and temporal properties of behavioral responses and computational models of human language, including both symbolic and information-theoretic.
- (2) The second postdoctoral researcher (2 + 1 years) will investigate the statistical properties of human languages in the temporal and spectral domains, combining symbolic and information-theoretic approaches. The candidate should be able and interested in devising creative ways to apply time-series analysis to linguistic corpora.
- (3) The PhD student (3 years) shall investigate the role of temporal processing constraints in sentence processing, focusing on slow-frequency neural oscillations in the M/EEG and temporal receptive windows in BOLD fMRI. The student will benefit from the outstanding teaching portfolio of our International Max Planck Research School.

If you require more information, please do get in touch with me via lmeyer@cbs.mpg.de. Please find application details / apply at <https://www.cbs.mpg.de/vacancies/open-positions>.



Postdoctoral Position at Georgetown University in Evolution of Speech and Language

The Laboratory of Integrative Neuroscience and Cognition at Georgetown University, directed by Josef Rauschecker, is looking to hire a postdoctoral fellow for a period of up to 4 years.

We are seeking a highly talented, innovative and enthusiastic postdoc to begin immediately or in summer 2022. This postdoctoral position will involve single- and multi-unit recordings from auditory and premotor cortex as well as the basal ganglia on an NIH-funded grant involving nonhuman primates. Strong candidates will also have skills in advanced functional brain imaging.

Postdoc Candidate Qualifications:

- PhD in Neuroscience, or another related discipline
- Interest in neural mechanisms of perception, auditory processing, development, speech and language
- Experience with neuroimaging data, basic and advanced analysis of brain activation and connectivity (fMRI) and prior experience with electrophysiology would be desirable
- Strong programming and statistical skills (Matlab or Python)

The postdoc position is open immediately until filled, with a flexible start date (June 1, if possible).

Follow the links below to learn more:
Neuroscience department: neuro.georgetown.edu

To apply please send a cover letter, your CV, and names of 2-3 references to Josef Rauschecker (rauschej@georgetown.edu).



Graduate Student Position at Georgetown University in Auditory Cognitive Neuroscience

The Rauschecker Lab also has a position open for a Graduate Student (PhD). The student will work with the postdoc on the above project, training macaques in auditory sequence learning and will acquire advanced electrophysiological recording techniques. Post-bac experience and programming skills are highly desirable.

Other

Call for Proposals to Brain, Neurosciences, and Education SIG of the American Educational Research Association annual meeting

The Special Interest Group on **Brain, Neurosciences, and Education (BNE)** of the American Educational Research Association (AERA) is pleased to announce that the AERA 2023 Annual Meeting Call for Submissions is now available on the AERA website. We encourage you to consider a paper or session submission to our special interest group (SIG). The deadline for submissions is 11:59 PM, Pacific Time, on July 27, 2022.

The purpose of the **BNE SIG** is to lead and promote the design, implementation, and dissemination of research studies that articulate how brain and neuroscience knowledge can inform knowledge about education - and vice versa. To this end, we seek to support members in identifying, using, and producing high-quality, evidence-based information about topics at the intersection of education, neuroscience, psychology, and other learning sciences. The **BNE SIG** aspires to be the "go-to" place for real dialogue between brain researchers, cognitive scientists, and educational researchers, so that our colleagues around the world can share ways to improve cross-disciplinary research necessary for this dialogue. *We welcome submissions not only with evidence-based neuroscientific findings relevant to education, but also translation work dealing with the implementation of BNE/mind, brain, and education findings in classroom settings, and/or theoretical or review papers.* The 2023 Annual Meeting is dual component: place-based in Chicago, Illinois and on a virtual platform. When you advance a paper or session submission, you will also indicate whether you wish your paper or session, if accepted, to be presented in-person in Chicago or virtually. Both components of the meeting will offer participants rich opportunities to present their work and network with attendees.

For more information, contact the 2023 meeting Program Chair Robert Wiley, rwiley@uncg.edu



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