SOCIETY FOR THE NEUROBIOLOGY OF LANGUAGE

Newsletter

FEBRUARY 2022

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

Postdoctoral Fellow Position in Speech Neuroscience
University of South Carolina

The Department of Communication Sciences and Disorders at the University of South Carolina is inviting applicants for an NIH-funded post-doctoral fellow position in the Speech Neuroscience Lab. Our research is focused on studying the sensorimotor mechanisms of speech and their impairments in neurogenic populations with post-stroke aphasia. Excellent facilities for EEG, fMRI, tDCS, and behavioral testing are

available. The fellow will have an exciting opportunity to pursue collaborative and self-directed projects at the Center for the Study of Aphasia Recovery at the University of South Carolina, the Department of Neurology at Medical University of South Carolina, and the Department of Cognitive and Language Sciences at the University of California, Irvine.

The post-doctoral fellow will be involved in coordinating research activities, experimental design, data acquisition and analysis of behavioral, EEG and fMRI data and will contribute to several projects in the lab and will collaborate on writing of manuscripts, grant proposals and conference presentations. Candidates with a PhD in Communication Sciences and Disorders, Speech and Hearing Science and other related fields (e.g., Neuroscience, Cognitive Science, Engineering and Psychology) are welcome to apply. Salary will be commensurate with experience. The post-doctoral fellow should have experience with collecting data in human subjects and should have training in signal processing and statistics. Experience with EEG and fMRI data collection and analysis, MATLAB programming and SPSS are preferred.

Applicants must submit an online application at USC Jobs website: https://uscjobs.sc.edu/ (Posting Number: STA00810PO21).
Materials must include:
- a cover letter
- a current CV
- contact information for three references

Review of applications will begin on April 15, 2022.

Questions should be directed to: Roozbeh Behroozmand, PhD, Associate Professor, Department of Communication Sciences and Disorders, University of South Carolina, 915 Greene St, Rm. 202B, Columbia, SC 29208 – r-behroozmand@sc.edu.

For more information about our lab, please visit our websites at:

Speech Neuroscience Lab:
https://bit.ly/3sHpTbn

Department of Communication Sciences and Disorders:
https://bit.ly/3uW8tue

Scientist Psychiatry in Toronto Canada - Full time

Job Summary
We are seeking a research scientist to oversee our internal and external research projects in psychiatry, including our work understanding speech patterns in Depression and Schizophrenia.

Role & Responsibilities
- Serve as lead investigator for clinical R&D projects in psychiatry
- Develop research protocols and manage IRB (Institutional Review Board) submissions
- Track and apply for relevant grants that would help Winterlight collect more data and validate its algorithms in psychiatric disease areas
- Write, submit, and present conference abstracts locally and internationally
- Lead the creation of peer-reviewed publications for internal clinical R&D projects
- Work collaboratively with the management and product teams to identify and execute on important areas of clinical R&D
- Be an expert on Winterlight's psychiatric biomarkers, presenting data to scientific partners and supporting the sales team
- Act as the primary liaison and manage relationships between Winterlight and our scientific partners working in psychiatric disease
- Work with the product team to scope the development of feature requests from partners
- Collaborate with and supervising research assistants and biostatisticians

Required Qualifications
- A PhD in Psychology, Neuroscience, Linguistics, or equivalent, with a focus on psychiatric disorders (ideally depression, anxiety, and/or schizophrenia)
- Multiple recent publications in peer-reviewed journals
- Ability to work independently in a fast-paced, startup environment
- Ability to travel at least once per month for conferences and meeting with clients, upon the return of safe travel conditions

Preferred Qualifications
- Background in psychology of language or linguistics
- Familiarity with psychiatric assessment
- Experience working in clinical trials

Additional Information

Winterlight Labs is a fast-growing startup based in Toronto that is developing digital biomarkers to measure neurological and psychiatric conditions. Our machine learning-based technology analyzes both the acoustics and content of speech and language, to help identify disease and quantify its severity. We work with life science companies, academia, and senior care companies to improve clinical trials, quality of care, and health outcomes.

Benefits & Perks

- Competitive compensation with equity options.
- Health and dental insurance.
- Generous work from home policy.
- 4 weeks vacation.
- Winter holiday week off.
- Half-day Fridays in July and August.
- Office is a 2-minute walk from Yonge & Bloor which is home to many restaurants, amenities and transit options.

To apply, send your resume to careers@winterlightlabs.com with "Scientist, Psychiatry" in the subject line.

Benefits & Perks

- Competitive compensation with equity options.
- Health and dental insurance.
- Generous work from home policy.
- 4 weeks vacation.
- Winter holiday week off.
- Half-day Fridays in July and August.
- Office is a 2-minute walk from Yonge & Bloor which is home to many restaurants, amenities and transit options.

Post-doctoral positions at the Max Planck Institute in Nijmegen, the Netherlands

We are offering **five postdoctoral positions** in the Neurobiology of Language department at the Max Planck Institute for Psycholinguistics and the Donders Centre for Cognitive Neuroimaging in Nijmegen, the Netherlands.
Research in the Neurobiology of Language department is done in a very inspiring research environment, without teaching obligations. Furthermore, considerable technical support is available, as well as access to state-of-the-art research and neuroimaging facilities including MRI at 1.5, 3 and 7 Tesla, a whole-head MEG system, five ERP labs, a TMS lab, a Virtual Reality Lab, and multiple behavioral labs.

Requirements

- A PhD qualification in a relevant field (cognitive science, neuroscience, linguistics, etcetera).
- The focus of your research should fit into the overall research portfolio of the department, as described on our websitehttps://www.mpi.nl/department/neurobiology-language/4
- A connection to the *Memory, Unification and Control (MUC)* framework would be appreciated.
- A theoretical interest and technical/experimental skills are required.

Conditions of employment

- Full-time position (39 hours per week) with a term of appointment until the beginning of 2024.
- The salary is according to the German TVöD (Starting salary: €54,269 - €63,652 p.a.).
- Positions will be immediately available.

Employer

The MPI for Psycholinguistics in Nijmegen is the only research institute in the world entirely devoted to the study of language. Our goal is to understand how our minds and brains process language, how language interacts with other aspects of mind, and how we can learn languages of quite different types. We are situated on the campus of the Radboud University, and have close collaborative links with the Donders Institute for Brain, Cognition and Behaviour and the Centre for Language Studies at Radboud University. We are part of the Max Planck Society, an independent non-governmental association of German-funded research institutes dedicated to fundamental research in the natural sciences, life sciences, social sciences, and the humanities. The Institute is part of the Max Planck Society, an independent non-governmental association of German-funded research institutes dedicated to fundamental research in the natural sciences, life sciences, social sciences, and the humanities. The Max Planck Society is an equal opportunities employer. We recognise the positive value of diversity, promote equality and challenge discrimination. We therefore welcome applications from all suitably qualified candidates, irrespective of gender, disability, marital or parental status, racial, ethnic or social origin, colour, religion, belief, or sexual orientation

(https://www.mpi.nl/page/equal-opportunities)The Institute is located in the Netherlands. Scientists in the Netherlands report among the highest job satisfaction ratings of any in the world.

For further details please see our website: http://www.mpi.nl

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Post-Doctoral Fellow to Study Neural Mechanisms of Language Recovery after Stroke

Position available soon for a full-time research post-doctoral fellow, preferably in the field of speech-language pathology or cognitive neuroscience, to take primary responsibility for collection and analysis of data for a study of the neural mechanisms underlying language and cognitive recovery after stroke. This project would entail collaboration with a post-doctoral fellow in the area of motor recovery to longitudinally study patients either at Johns Hopkins or via an innovative Stroke Treatment And Recovery van (The STAR Car), equipped with devices for evaluating both motor and language/cognitive recovery via tablets, fNIRS, tDCS, robotics, etc. Patients who are able to come to the hospital will also have longitudinal functional fMRI. The position would provide an opportunity to work with an outstanding and diverse group of collaborators in the Stroke Cognitive Outcomes and REcovery (SCORE) lab (PI: Argye Hillis, MD, MA), including four other post-doctoral fellows, two faculty, 4 research speech-language pathologists, full-time research assistants, and students in various levels of training. Additionally, we collaborate with an interdisciplinary team of investigators in the Sheikh Kalifa Stroke Institute at Johns Hopkins, which consists of the Centers for Excellence in Stroke Detection and Treatment (Directed by Dr. Argye Hillis) and Center for Excellence in Stroke Recovery and Rehabilitation (Directed by Dr. Preeti Raghaven) and investigators at the Bloomberg School of Health Department of Biostatistics. Finally, we collaborate closely with C-STAR, the Center for the Study of Aphasia Recovery, supported by a P50 grant from NIDCD, with Julius Fridriksson, PhD, Dirk Den Ouden, and Chris Rorden (University of South Carolina), Leo Bonilha, MD, PhD (Medical University of South Carolina), and Greg Hickok, PhD (University of California, Irvine), to provide new insight regarding the mechanisms and facilitation of aphasia recovery. The position would allow training and experience in multimodality structural and functional imaging and integration with behavioral performance for brain mapping and tracking recovery.

The environment at Johns Hopkins is extraordinarily collaborative across disciplines and departments. Our research relies on the exceptional interdisciplinary collaborations across departments (Radiology, Neurology, Psychiatry, Neuroscience, Biomedical Engineering, and Physical Medicine & Rehabilitation) in the School of Medicine and across schools (the Bloomberg School of Public Health, the Krieger School of Arts and Sciences Dept. of Cognitive Science, and the Kirby Functional Imaging Center). There are outstanding resources available and an environment that supports leadership in innovation, scientific integrity, and intellectual curiosity.

The post-doctoral position would require a commitment of two years, but could be extended for a longer period. It will also require a driver's license and travel to patient's homes for evaluation (with at least one other investigator). Experience in fNIRS and/or fMRI analysis would be favored. For further information, contact Argye Hillis, at argye@jhmi.edu or 410-812-6716. Salary is commensurate with training and experience. **The start date is flexible.**

Two postdoctoral positions: Cognitive Neuroscience of Language and Concepts at the Concordia University, Montreal

Two postdoctoral positions are sought for the Psycholinguistics and Cognition Lab, in the Department of Psychology at Concordia University in Montreal. Position one is open to a variety of topics and techniques fitting the research themes of the lab. Position two is funded by a Horizontal Postdoctoral Fellowship and is tied to a particular topic within the semantics/pragmatics interface. Please see below for full descriptions.

POSTDOC POSITION 1:

Research program title: The mapping between linguistic and conceptual representations
Reference number: 32022
Supervisor: Roberto G. de Almeida, Department of Psychology, Concordia University

Program description:

We are seeking a postdoctoral fellow to work on projects investigating the mapping between linguistic and conceptual representations, employing a variety of experimental techniques. Projects include the representation of verb meaning, visual word recognition, category-specific semantic deficits, and the mapping between words and objects, as well as between sentences and events/dynamic scenes. Candidates should have a strong background in cognitive science and expertise in behavioral and/or neuroimaging techniques employed in psycholinguistics and cognitive neuroscience. Candidates with experience conducting research with clinical populations (e.g., aphasia, agnosia) are also encouraged to apply.

For ongoing projects in the lab please see https://psycholinguistics.weebly.com

This position is supported by grants from SSHRC and NSERC. The position is for one year with the possibility of renewal. Salary will be commensurate with experience. Review of applications will begin on February 15, 2022. Starting date: flexible but no later than August 31, 2022.

Requirements and instructions for applying are provided below and are similar for both positions. Candidates should make sure to include the reference number in the application materials and provide the application number to referees.

POSTDOC POSITION 2:

Research program title: The neurocognitive bases of semantic and pragmatic composition
Reference number: 10002b
Supervisor: Roberto G. de Almeida, Department of Psychology, Concordia University

Program description:
We are seeking a postdoctoral fellow to work on projects investigating the comprehension of sentences that are either 'indeterminate' or are deemed 'figurative', and thus may require contextual enrichment. The projects employ diverse behavioural and neuro-imaging techniques as well as computational modelling. Ideally the candidate will have theoretical background in cognitive science with emphasis on semantics/pragmatics and with experimental work in brain-imaging/recording (fMRI, ERP) techniques.

Experience with computational modeling involving Recurrent Neural Networks (RNN) is an asset. Other resources (e.g., clinical populations, MEG, eye-tracking) are also available at Concordia or other institutions in the Montreal area.

Academic qualifications required:
PhD in Psychology, Neuroscience, or other Cognitive Science related field.

Horizon Postdoctoral Fellow Eligibility requirements:

- Applicants must not currently hold a postdoctoral appointment at Concordia
- Priority will be given to postdoctoral fellows who have obtained their PhD from another university although in exceptional cases Concordia graduates may be considered
- Applicants must adhere to the postdoctoral fellow eligibility criteria outlined in Concordia University's Postdoctoral Policy

Timeline:
Applications will be reviewed starting February 15 and will continue until the position is filled; starting date is flexible, preferably in the Spring or early Summer 2022; however, following the fellowship rules, the Horizon Postdoctoral Fellow must start their appointment by August 31, 2022.

Value:
The prestigious two-year Horizon Postdoctoral Fellowships are valued at $50,000 per year plus benefits and full access to Concordia's services, including GradProSkills.

https://bit.ly/3LxTg8F

Submission process for both positions:
- All documents must be submitted to Roberto G. de Almeida (roberto.dealmeida@concordia.ca); subject line: postdoctoral application (10002b) or (32022)
- Please include the reference number with your application

Application checklist for both positions:
- One to three (1-3) page research statement demonstrating fit with one of the programs described above
- Current curriculum vitae demonstrating research excellence and a capacity for leadership in the domain (maximum 5 pages)
- Two letters of reference from academic supervisors or current employers to be sent via e-mail directly to: Roberto G. de Almeida (roberto.dealmeida@concordia.ca); subject line: postdoctoral application reference ((32022) or (10002b))

Concordia University is a vibrant research and teaching environment, with state-of-the-art research facilities and many research centers. Concordia is located in Montreal, Canada, a diverse and creative city, often ranked as offering one of the best quality of living experiences in North America. Concordia University is committed to Employment Equity and encourages applications from women, Aboriginal Peoples, visible minorities, ethnic minorities, and persons with disabilities.

Two-year postdoc in Computational Neuroscience of Language, Basque Center on Cognition, Brain, and Language, Donostia-San Sebastián, Spain

Deadline: 15 March 2022

Full details: https://bit.ly/3HWbTAS

Information about the position: The Basque Center on Cognition Brain and Language – BCBL- (San Sebastián, Basque Country, Spain) is offering one 2-year funded Postdoctoral opportunity. The position is not linked to a specific project, but the successful candidate is expected to work on research projects within the broader scope of the Computational Neuroscience research group (current research foci include computational models of speech perception, speech production, and reading, as well as network science and neural network approaches to bilingualism). The postdoctoral fellow will be encouraged to develop their own research that complements the group's foci. The postdoctoral fellow will also have opportunities to engage in empirical research with human subjects using behavioral paradigms, eye tracking, and/or neuroimaging using the state-of-the-art facilities of the BCBL.

Queries: mailto:j.magnuson@bcbl.eu

Two Assistant Professor Openings
Hunter College, New York

The Department of Speech/Language Pathology and Audiology at Hunter College, CUNY currently has two (2) openings for faculty at the Assistant Professor rank. Both positions are expected to begin for the Fall 2022 semester. Please see the links below with detailed information about each position. Contact Michelle MacRoy-Higgins Ph.D., CCC-SLP at mmacroy@hunter.cuny.edu, with questions.

Job #1
https://bit.ly/3uSTG3k

Job #2
https://bit.ly/3HPaPPb

Part-Time Research Assistant Position in the Brain Rhythms and Cognition Group at the BCBL- Basque Center on Cognition Brain and Language (San Sebastián, Basque Country, Spain)

Information about the position

- **Position:** Research Assistant
- **Researcher Profile:** First Stage Researcher (R1- up to the point of PhD)

- **Number of vacancies:** 1
- **Location:** Flexible
- **Research Field:** Psychology > Cognition and Language
- **Type of contract/Duration of Contract:** 3 months (possible extension to 6 months)
- **Job Status:** Part-time
- **Hours per week:** 20
- **Starting date:** ASAP or April 2022 - June 2022

The Basque Center on Cognition Brain and Language – BCBL- (Donostia-San Sebastián, Basque Country, Spain) is offering a 3-month part-time Research Assistant position in Brain Rhythms and Cognition group.

In our group, we use time-resolved neuroimaging techniques (MEG and EEG) to understand the computational dynamics and architecture of cogntive processing such as language, attention and cognitive control.

Job description: The candidate tasks will be:
1. Coding experiments in Matlab and Python
2. Electroencephalography data analysis

Tasks 1 and 2 will be executed under the direct supervision of Dr. Manuela Ruzzoli, who will provide the theoretical and technical background to perform the tasks.
This is an ideal opportunity for who loves coding and wants to learn about how human cognition works, in the vibrant environment at the BCBL.
If those tasks are completely new to you, but you know Matlab and Python, please approach us, we will explain to you what to do and you will easily learn.
After an initial introduction to the job, the tasks can be easily performed remotely.
PI and research group: The candidate will form part of the Brain Rhythms and Cognition group
(https://bit.ly/3JwC0ii) under the direct supervision of Dr. Manuela Ruzzoli

Candidate's Profile and Selection Criteria

Required skills:
- Technical background in Engineering, Physics, Signal processing, Biophysics, BioTechnologies, Cognitive Sciences. Holding a university title is non-mandatory (undergraduates students are welcome);
- Coding abilities with Matlab (Psychtoolbox and Fieldtrip) and/or PsychoPy
- The candidate should hold a NIE or NIF.

Desirable skills:
- Familiarity with experiments in cognitive psychology or electrophysiology

Working Conditions

Salary: 7.500€ gross/year;
Entitlements and other benefits: https://bit.ly/3sNTHTt

Training opportunities and Career development plan:
Researchers at any stage of their career, regardless of their contractual situation, are given an opportunity for professional development and for improving their employability through access to a Personal Career Development Plan, which includes:
1. Training through individually personalized research projects under senior supervision
2. Exchanging knowledge with the scientific community and the general public
3. Network-wide training in theory and methods
4. Complementary training courses
5. Involvement in proposal writing, task coordination
6. Development of skills for the organization of training and scientific events

Other Relevant Information

Language policy
- The corporative language at the Center is English.
- The center provides initial level Spanish and Basque lessons to all the international staff members
- The interview will be conducted entirely in English

Application Process

Submission of the application and documentation:
To submit your application, please send your CV and a statement outlining research interests and motivation to apply for the position to the following email address: hr@bcbl.eu

Application process timetable:
1. Deadline for application: **13 March 2022**
2. Evaluation by committee: **15 March 2022**
3. Interviews: **17-18 March 2022**
4. Final decision: **20 March 2022**
5. Feedback to all applicants: **21 March 2022**

6. Work contract start date: 1st April 2022

Interested candidates can email Manuela Ruzzoli (m.ruzzoli@bcbl.edu) for informal inquiries.
Contact details for enquiries: hr@bcbl.eu

Postdoctoral researcher for Dutch Research Consortium 'Language in Interaction' (Senior)

Dutch Research Consortium 'Language in Interaction'
Maximum salary: € 5230 gross/month
Vacancy number: 25.01.2022
Application deadline: March 1, 2022, 23:59.00 (CET)

Responsibilities
The Language in Interaction research consortium invites applications for two senior postdoctoral positions. We are looking for highly motivated candidates to enrich a unique consortium of researchers that aims to unravel the neurocognitive mechanisms of language at multiple levels. The goal is to understand both the universality and the variability of the human language faculty from genes to behavior. You will contribute to the integration of empirical research in our consortium and will aid in the coordination of 'Theory of Language' meetings in which cutting edge research is discussed by consortium researchers. You will act in close collaboration with Peter Hagoort, programme director of the consortium. These positions provide the opportunity for conducting world-class research as a member of an interdisciplinary team. Moreover, it will provide the opportunity to contribute to developing a theoretical framework for our understanding of the human language faculty.

Work environment
The Netherlands has an outstanding track record in the language sciences. The research consortium 'Language in Interaction', sponsored by a large grant from the Netherlands Organization for Scientific research (NWO), brings together many of the excellent research groups in the Netherlands with a research program on the foundations of language.

In addition to excellence in the domain of language and related relevant fields of cognition, our consortium provides state-of-the-art research facilities and a research team with ample experience in the complex research methods that will be invoked to address the scientific questions at the highest level of methodological sophistication. These include methods from genetics, neuroimaging, computational modelling, and patient-related research. This consortium realizes both quality and critical mass for studying human language at a scale not easily found anywhere else.

We have identified five Big Questions (BQ) that are central to our understanding of the human language faculty. These questions are interrelated at multiple levels. Teams of researchers will collaborate to collectively address these key questions of our field.

Our five Big Questions are:
BQ1: The nature of the mental lexicon: How to bridge neurobiology and psycholinguistic theory by computational modelling?
BQ2: What are the characteristics and consequences of internal brain organization for language?
BQ3: Creating a shared cognitive space: How is language grounded in and shaped by communicative settings of interacting people?
BQ4: Variability in language processing and in language learning: Why does the ability to learn language change with age? How can we characterize and map individual language skills in relation to the population distribution?
BQ5: How are other cognitive systems shaped by the presence of a language system in humans?

You will be appointed at one of two participating institutes: The Max Planck Institute for Psycholinguistics in Nijmegen or the Donders Institute for Brain, Cognition and Behaviour (Donders Centre for Cognitive Neuroimaging), also located in Nijmegen. The research is conducted in an international setting at all participating institutions. English is the lingua franca.

What we expect from you
- a PhD in an area related to the neurobiology of language and/or language sciences;
- expertise/interest in theoretical neuroscience and language;
- expertise / interest in theoretical neuroscience and language;
- an integrative mindset;
- a theory-driven approach;
- good communication skills;
- excellent proficiency in written and spoken English.

What we have to offer

The positions will be held at one of the participating institutes (Max Planck Institute Nijmegen or Donders Institute for Brain, Cognition and Behavior at the Donders Centre for Cognitive Neuroimaging).

- Employment: 1,0 fte;
- Employment at the Max Planck Institute or Donders Institute at the Radboud University;
- Starting date June 30th 2022 for a period of maximally 24 months;
- Starting salary will be based on previous work experience;
- Gross salary at the Max Planck Institute will be between € 4187 and € 4911 per month;
- Gross salary at the Radboud University will be between € 3821 and € 5230 per month (salary scale 11);
- In addition to the salary: an 8% holiday allowance;
- Each participating institute has a number of regulations that make it possible for employees to create a good work-life balance.

Other Information

The participating institutes are an equal opportunity employer, committed to building a culturally diverse intellectual community, and as such encourage applications from women and minorities.

Would you like to know more?

Further information on the [Language in Interaction Consortium](#).

For more information about this vacancy, please contact:
Prof. dr. Peter Hagoort, programme director Language in Interaction
E-mail: peter.hagoort@donders.ru.nl
Tel: ++ 31-24-3610648/651
Fax: ++ 31-24-3610652

Are you interested?

Applications can be submitted to Julia Verhoef (secretary of the Language in Interaction consortium; Julia.Verhoef@donders.ru.nl)in electronic form. Your application should include (and be limited to) the following attachments:

- a cover letter;
- your curriculum vitae, including, if applicable, a list of publications and the names of at least two persons who can provide references.

Please apply before March 1, 2022, 23:59.00 (CET).

Funded PhD Student Position – Speech and Bilingualism Group- BCBL- Basque Center on Cognition Brain and Language (San Sebastián, Basque Country, Spain)

Information About the Position

- **Position:** PhD student
- **Researcher Profile:** First Stage Researcher (R1- up to the point of PhD)
- **Number of vacancies:** 1
- **Project:** ReadCalibration ERC project
- **Organization/Company:** http://www.bcbl.eu
- **Location:** Spain > San Sebastian
- **Research Field:** Neuroscience > Cognition and Language > Phonetics / Phonology / Acoustics
- **Type of contract/Duration of Contract:** Temporary = 4 years
- **Job Status:** Full-time
- **Hours per week:** 35
- **Starting date:** Between May 1st and October 1st 2022
- **Application deadline:** March 13th 2022
- **Information about the project:** The main aim of the ReadCalibration ERC project is to explore the interplay between phonology and orthography in speech perception and production in various populations (children and adults; typically-developing or with reading and/or hearing impairments; monolinguals and bilinguals).

Job description: The selected candidate will work in the context of the 5-year ERC project Phonemic representations in speech perception and production: Recalibration by reading acquisition (ReadCalibration). He/she will be developing studies exploring phonemic recalibration in hearing impaired populations. The candidate will be responsible for leading his/her own research projects from beginning to end, under supervision: developing research ideas, designing and running experiments, analyzing data, reporting results by writing up research papers and presenting at international conferences. The candidate will be encouraged to collaborate with researchers at the BCBL at all stages of their career (predoctoral students, postdoctoral fellows, and established researchers) by taking part in weekly group and lab meetings, seminars of external speakers, specific interest groups, etc.

The core of the project will rely on behavioral tasks and measures, with fine-grained analysis of language production and perception (e.g., acoustic analysis). If desired, the candidate could also develop neuroimaging experiments as part of the ERC project, taking advantage of neuroimaging facilities at the BCBL (e.g., EEG, eye-tracking, MEG, fMRI).

PI and research group: The candidate will join the [Speech and Bilingualism group](#) led by Dr. Clara Martin (mailto:c.martin@bcbl.eu). The research group focuses on exploring factors impacting speech production and perception in L1 and L2, including contextual properties (e.g., foreign accentedness of the speaker/addressee). We recently started the large-scale ReadCalibrationERC project investigating the impact of the orthographic system on speech sound and word perception and production across modalities (listening, reading, speaking, typing), languages (opaque and transparent orthographies), and populations (monolinguals and bilinguals with varying reading skills).

Candidate's Profile and Selection Criteria
Required skills:
- Good knowledge of the field of cognitive neuroscience and/or linguistics, speech science, especially phonetics/phonology
- Able to lead testing sessions with special population / communicating with medical staff
- Master's (or equivalent Honours) degree in Psychology, Cognitive Neuroscience, Linguistics, and/or other relevant areas
- Strong background in experiment programming and statistical analyses is recommended
- Excellent written and oral communication skills in English

Desirable skills:
- Previous experience in participating in research projects (e.g., data collection, analysis) is desired
- Knowledge of Spanish (or willingness to learn) is a plus

Working Conditions
Salary: 16.250€ gross/year (year 1 and 2); 17.410€ gross/year 3; 21.760€ gross/year 4
Entitlements and other benefits: https://www.bcbl.eu/en/join-us/what-is-like-to-work-bcbl
Training opportunities and Career development plan:
Researchers at any stage of their career, regardless of their contractual situation, are given an opportunity for professional development and for improving their employability through access to a Personal Career Development Plan which includes
1. Training through individually personalized research projects under senior supervision
2. Exchanging knowledge with the scientific community and the general public
3. Network-wide training in theory and methods
4. Complementary training courses
5. Involvement in proposal writing, task coordination
6. Development of skills for the organization of training and scientific events.

Other Relevant Information:
Language policy
- The corporative language at the Center is English but the national language will be an asset for this particular position
- The interview will be conducted entirely in English
- The center provides initial level Spanish and Basque lessons to all the international staff members

https://www.bcbl.eu/en/join-us/what-is-like-to-work-bcbl

Application Process:
Submission of the application and documentation:
To submit your application, please follow this [link](#) applying for "ERC PhD SB 2022" and attach the following documentation:
- A curriculum vitae (4 pages máximum)
- A statement outlining research interests and motivation to apply for the position (1 page maximum)
- Two letters of recommendation

Application process timetable:
1. Deadline for application: 13/03/2022
2. Evaluation by committee: 14/03/2022-27/03/2022
3. Online interviews for pre-selected candidates: 28/03/2022-10/04/2022
4. Final candidate selection: 10/04/2022
5. Feedback to all candidates: 10/04/2022-15/04/2022
6. Starting date: 01/05/2022 – 01/10/2022

Contact details for enquiries: mailto:hr@bcbl.eu

Funded Post-Doc Position- Speech and Bilingualism Group- BCBL- Basque Center on Cognition Brain and Language (San Sebastián, Basque Country, Spain)

Information About the Position
- **Position:** Postdoctoral position in cognitive neuroscience
- **Researcher Profile:** R2 Recognised Researcher (PhD holders or equivalent who are not yet fully independent)
- **Number of vacancies:** 1
- **Project:** ReadCalibration ERC project
- **Organization/Company:** http://www.bcbl.eu
- **Location:** Spain > San Sebastian
- **Research Field:** Neuroscience > Cognition and Language > Phonetics-Phonology
- **Type of contract/Duration of Contract:** Temporary – Up to 4 years
- **Job Status:** Full-time
- **Hours per week:** 35
- **Starting date:** Between May 1st and October 1st 2022
- **Application deadline:** March 13th 2022

Information about the project: The main aim of the ReadCalibration ERC project is to explore the interplay between phonology and orthography in speech perception and production in various populations (children and adults; typically-developing or with reading and/or hearing impairments; monolinguals and bilinguals).

Job description: The selected candidate will work in the context of the 5-year ERC project Phonemic representations in speech perception and production: Recalibration by reading acquisition (ReadCalibration). He/she will be developing studies exploring phonemic recalibration in hearing impaired populations.
The candidate will be responsible for leading his/her own research projects from beginning to end, under supervision: developing research ideas, designing and running experiments, analyzing data, reporting results by writing up research papers and presenting at international conferences. The candidate will be encouraged to collaborate with researchers at the BCBL at all stages of their career (predoctoral students, postdoctoral fellows, and established researchers) by taking part in weekly group and lab meetings, seminars of external speakers, specific interest groups, etc. The candidate will also be encouraged to co-supervise a PhD student working on the same topic. There also can be opportunities for Master student supervision. The core of the project will rely on behavioral tasks and measures, with fine-grained analysis of language production and perception (e.g., acoustic analysis). If desired, the candidate could also develop a neuroimaging study, as part of the ERC project, taking advantage of neuroimaging facilities at the BCBL (e.g., EEG, eye-tracking, MEG, fMRI).

PI and research group: The candidate will join the Speech and Bilingualism Group led by Dr. Clara Martin (mailto:c.martin@bcbl.eu). The research group focuses on exploring factors impacting speech production and perception in L1 and L2, including contextual properties (e.g., foreign accentedness of the speaker/addressee). We recently started the large-scale ReadCalibrationERC project investigating the impact of the orthographic system on speech sound and word perception and production across modalities (listening, reading, speaking, typing), languages (opaque and transparent orthographies), and populations (monolinguals and bilinguals with varying reading skills).

Candidate's Profile and Selection Criteria
Required skills:
- Able to carry his/her own research and lead a research project
- Good knowledge of the field of cognitive neuroscience and/or linguistics, speech science, especially phonetics/phonology
- Able to lead testing sessions with special population / communicating with medical staff
- Able to produce, analyze and interpret data under supervision
- Able to explain the outcome of research and value in written and oral format
- Strong background in experiment programming and statistical analyses
- Excellent written and oral communication skills in English

Desirable skills:
- Previous research experience in phonetic/phonology and/or hearing impairment
- Previous experience with special population wearing hearing aids and/or cochlear implants
- Able to take ownership for and manage own career progression
- Able to set realistic and achievable career goals, and to identify and develop ways to improve employability
- Knowledge of Spanish (or willingness to learn) is a plus.

Working Conditions
Salary: 28.000€-30.000€ gross/year (depending on the experience of the candidate)
Entitlements and other benefits: https://www.bcbl.eu/en/join-us/what-is-like-to-work-

bcbl

Training opportunities and Career development plan:
Researchers at any stage of their career, regardless of their contractual situation, are given an opportunity for professional development and for improving their employability through access to a Personal Career Development Plan which includes

1. Training through individually personalized research projects under senior supervision
2. Exchanging knowledge with the scientific community and the general public
3. Network-wide training in theory and methods
4. (Complementary training courses
5. Involvement in proposal writing, task coordination
6. Development of skills for the organization of training and scientific events.

Other Relevant Information:
Language policy
- The corporative language at the Center is English but the national language will be an asset for this particular position
- The interview will be conducted entirely in English
- The center provides initial level Spanish and Basque lessons to all the international staff members

https://www.bcbl.eu/en/join-us/what-is-like-to-work-bcbl

Application Process:
Submission of the application and documentation:
To submit your application, please follow this link applying for "ERC Postdoc SB 2022" and attach the following documentation:
- A curriculum vitae (4 pages máximum)
- A statement outlining research interests and motivation to apply for the position (1 page maximum)
- Two letters of recommendation

Application process timetable:
1. Deadline for application: 13/03/2022
2. Evaluation by committee: 14/03/2022-27/03/2022
3. Online interviews for pre-selected candidates: 28/03/2022-10/04/2022
4. Final candidate selection: 10/04/2022
5. Feedback to all candidates: 10/04/2022-15/04/2022
6. Starting date: 01/05/2022 – 01/10/2022

Contact details for enquiries: mailto:hr@bcbl.eu

The Hong Kong University of Science and Technology
Research Associate/Post-doctoral Fellow

The appointee will assist the project leader, Dr. Zhen QIN, in the research project – "The learning and consolidation of Cantonese tones by second-language learners". This is a 12-month position with the intended starting date on 01 May 2022 (or as soon as possible thereafter).

Responsibilities
- Recruit human subjects and administer behavioral and EEG experiments to the subjects;
- Perform statistical analysis using R and SPSS;
- Undertake other tasks assigned by the project leader or his/her delegates.

Qualifications
1. Applicants should have a PhD degree in linguistics, psychology or related disciplines. Exceptional candidates with a MPhil or a master's degree may also be considered for the Research Associate position.
2. They should have a strong background in psycholinguistic and/or neurolinguistics, and experience of administering behavioral and/or EEG experiments to human subjects.

Applicants who are fluent in speaking Chinese (including Putonghua) and have experience of monitoring human subjects' sleep and/or testing older adults (above 65-year-old) will be given priority.

Application
You can view and apply for this job (Job ID: 7002) here. Applicants can contact Dr. Zhen QIN at hmzqin@ust.hk for questions.
Remuneration

A highly competitive remuneration package will be offered. Fringe benefits including annual leave, medical and dental benefits will be provided.

Deadline

Review of applications will continue until the positions are filled.

2-Year Full-Time Research Assistant Position in the Speech and Bilingualism Group Speech and Bilingualism Group
BCBL- Basque Center on Cognition Brain and Language
(San Sebastián, Basque Country, Spain)

Information about the position
- Position: Research Assistant
- Researcher Profile: First Stage Researcher (R1- up to the point of PhD)
- Number of vacancies: 1
- Location: Spain > Donostia-San Sebastián
- Research Field: Psychology > Cognition and Language
- Type of contract/Duration of Contract: 2 years
- Job Status: Full-time
- Hours per week: 35
- Starting date: March 2022

The Basque Center on Cognition Brain and Language – BCBL- (Donostia-San Sebastián, Basque Country, Spain) is offering a 2-year full-time Research Assistant position in the Speech and Bilingualism group.
Our group investigates multilingualism, speech perception and production, their interplay and control, with a specific focus on language interactions in the bilingual mind. We use a variety of behavioral and brain imaging tools in human participants.

Job description: The primary duties of this position include helping to run studies, programming experimental procedures and data management/analysis. This position would be an excellent experience for people seeking to pursue doctoral studies in cognitive neuroscience or people with sound computational skills that would like to get experience working in this field before deciding to embark in a PhD.

PI and research group: The candidate will form part of the Speech and Bilingualism group (https://bit.ly/3rZ7NCB) led by Prof. Clara Martin (mailto:c.martin@bcbl.eu).

Candidate's Profile and Selection Criteria

Required skills:
- Applicants should have an honours and a Master degree in Psychology, Computer Science, Neuroscience, Linguistics or another relevant area.
- The applicants must demonstrate excellent communication skills in English.
- Strong programming skills.
- Applicants must be EU passport holders.
- Desirable skills:
- Good knowledge of the field of cognitive neuroscience and/or linguistics, speech science, especially phonetics/phonology.
- Experience collecting data in experiments on humans.
- Familiarity with statistical analysis.
- Familiarity with acoustic analysis of speech.

Working Conditions

Salary: 16.250€ gross/year (year 1 and 2);
Entitlements and other benefits: https://bit.ly/3sNTHTt

Training opportunities and Career development plan:
Researchers at any stage of their career, regardless of their contractual situation, are given an opportunity for professional development and for improving their employability through access to a Personal Career Development Plan which includes:
1. Training through individually personalized research projects under senior supervision
2. Exchanging knowledge with the scientific community and the general public
3. Network-wide training in theory and methods
4. Complementary training courses
5. Involvement in proposal writing, task coordination
6. Development of skills for the organization of training and scientific events

Other Relevant Information
Language policy
- The corporative language at the Center is English.
- The center provides initial level Spanish and Basque lessons to all the international staff members
- The interview will be conducted entirely in English

Application Process
Submission of the application and documentation:
To submit your application, please follow this link applying for "**RA Speech-Bilingualism 2022**" and attach the following documentation:

- A curriculum vitae
- A statement outlining research interests and motivation to apply for the position (1 page max)
- Two letters of recommendation

Application process timetable:
1. Deadline for application: March 12th 2022
2. Evaluation by committee: March 13th 2022
3. Interviews: March 14-18th 2022
4. Final decision: March 18th 2022
5. Feedback to all applicants: March 20th 2022
6. Work contract start date: March 31st 2022

Interested candidates can email Clara Martin (mailto:c.martin@bcbl.eu) for informal inquiries.

Contact details for enquiries: mailto:hr@bcbl.eu

Other Announcements

Call for Papers: Underutilized Techniques and Underrepresented Samples in Educational Neuroscience Research

Dr. Laurie Cutting, Dr. Amanda Martinez-Lincoln, and Ms. Andrea Burgess are editing a Special Issue of *Mind, Brain, and Education* entitled "**Underutilized Techniques and Underrepresented Samples in Educational Neuroscience Research.**" This special issue will 1) showcase research that expands diverse, often understudied student samples and 2) highlight studies utilizing novel approaches, frameorks, and strategies in education. We are seeking to assemble a collection of studies that pioneer the next generation of educational neuroscience research, and in turn, drive the field forward. The issue will include both theoretical/review and empirical contributions.

Interested researchers should submit titles and abstracts (150 words or less) via email to the editor contact (Amanda.Martinez-Lincoln@Vanderbilt.edu) on or before **April 1st, 2022.** Abstracts will be reviewed and a select number of submissions will then be invited to submit a full paper for peer review. Please note that an invitation to submit a full paper does not guarantee acceptance; all papers will be subject to the full peer review process as per any submission to *Mind, Brain, and Education*.

Lead authors will be contacted by **May 1st, 2022** with submission determinations, and full manuscripts will be due by **November 1st, 2022.** Manuscript preparation guidelines can be found here. Abstracts that meet MBE's criteria for scientific merit and importance but are not selected for the special issue will be encouraged to submit to a regular issue of *MBE*. Inquiries, including questions about appropriate topics, may be sent electronically to Amanda Martinez-Lincoln at the email address above.

The Neurobiology of Language Conference: Key Issues and Ways Forward part 2

After a successful virtual two-day meeting in April 2021 on the topic of The Neurobiology of Language: Key Issues and Ways Forward, the Max Planck Institute for Psycholinguistics in Nijmegen (Netherlands) organizes a follow-up meeting on the same topic on 16 and 17 March 2022.

More info: ap.lc/7pt8Y
Register here: ap.lc/drMDZ

Nijmegen Lectures 2022

Save the Date!
The Nijmegen Lectures will take place on 5, 6 and 7 July 2022 and will be given by Stanislas Dehaene, Director of the INSERM-CEA Cognitive Neuroimaging Unit near Paris and Professor of Experimental Cognitive Psychology at Collège de France.

Registration will open in April 2022.

More info: https://www.mpi.nl/events/nijmegen-lectures-2022

IMPRS for Language Sciences conference June 1-3 2022

[Abstract submission is open](#) until March 15!

The IMPRS conference will be back this year between June 1-3 2022 in a **hybrid format.** The aim of the biennial IMPRS conference series on Interdisciplinary Approaches in the Language Sciences is to inspire the next generation of language scientists to take on new challenges that will further our understanding of the human language ability.

Submit an abstract to be considered for a talk or a poster.

Find out about the speakers and abstract submission requirements on our https://www.mpi.nl/imprs-conference.

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Connect with us to get the latest membership updates and announcements.

Society for the Neurobiology of Language | www.neurolang.org