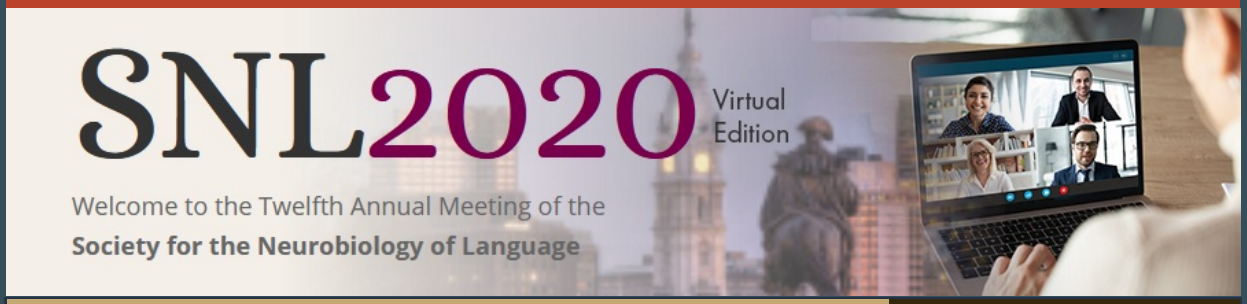

SNL 2020 (Virtual Edition): A Resounding Success!

With over 850 attendees, SNL 2020 shattered previous attendance records in a worldwide virtual meeting of the minds. Thank you to our attendees, speakers, poster presenters, and sponsors for making SNL 2020 a huge success. Thanks also to the planning committee and event staff for creating this new virtual format for the SNL annual meeting. #SNL2020

See you in-person at SNL 2021 in beautiful Brisbane, Australia!

Registration for SNL 2020 Open Through January 2021!

If you missed the fun at SNL 2020 (Virtual Edition), there is still time to register! Registrants have access to all of the Symposia, Slides, Keynotes, Award Talks, and Posters until January 31, 2021. The presentations this year received rave reviews--check out the buzz on Twitter #SNL2020. Don't miss out on a stellar scientific program. Register today!

In This Issue

Neurobiology of Language

Job Postings & Announcements

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

Join Our Mailing List

Job Postings and Announcements

Max Planck Institute for Psycholinguistics

Postdoctoral Fellow

We are looking for a full-time postdoctoral researcher to join the newly-founded Minerva Fast Track Group 'The Communicative Brain', led by Linda Drijvers, at the Max Planck Institute for Psycholinguistics. The Communicative Brain group is embedded in the Neurobiology of Language department of the MPI for Psycholinguistics.

Job description
The successful applicant will investigate the neurobiological basis of how listeners integrate auditory and visual signals from (multiple) conversational partners, and how listeners distribute their attention to these auditory and visual signals during face-to-face interaction. To do so, you will use a new, cutting-edge technique called *rapid invisible frequency tagging,* in combination with dual-EEG and MEG, to study the role of low-frequency neural oscillations in this process.

What we expect from you

- Candidates should have, or shortly expect to obtain, a PhD in a relevant field (e.g. (cognitive) neuroscience, experimental psychology, cognitive science, linguistics, artificial intelligence, computer science).

- An interest in multimodal language processing; existing experience in this domain is an advantage
- An interest in cognitive neuroscience and prior experience in EEG/MEG research.
- Substantial (and preferably documented) experience in programming (in any language, but preferably MATLAB, Python or R) and EEG/MEG analyses
- A solid background in carrying out empirical research (e.g., experimental design, recruitment, participant testing, quantitative data analysis, report writing)
- a very good command of written and spoken English is a must; good knowledge of Dutch or the willingness to learn Dutch is an advantage.

Conditions of employment

- Full-time position (39 hours per week) with a term of appointment of maximally 3 years. You are entitled to 30 holiday days per year (on the basis of fulltime employment), as well as Dutch and German institute holidays.
- The salary is according to the German TVöD (Tarifvertrag für den öffentlichen Dienst) and is classified in salary group E13 (depending on the experience of the applicant between EUR 4,056.62 and EUR 4,757.99 gross per month, based on a full time employment).
- The position will be available from January 1st onwards.

Work environment / 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. Cross-departmental projects and interdisciplinary work are strongly encouraged.

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 Max Planck Society is an equal opportunities employer. Applications from under-represented minorities, women, and people with disabilities are particularly encouraged.

Application process

Applications should include:

1. One-page statement of why you are interested in this post, why you consider yourself a good match for the post, and what your research interests are
2. Examples of published work
3. CV including publication list
4. Names and email addresses of up to three referees who would be willing to provide letters of recommendation

Electronic applications should be sent to Carolin Lorenz (carolin.lorenz@mpi.nl). For questions and informal enquiries, contact Dr. Linda Drijvers (linda.drijvers@mpi.nl)

The deadline for applications is October 26, 2020 and Skype interviews will be held early November. The start date of this position is January 1st, 2021.

Max Planck Institute for Psycholinguistics
PhD Position

Doctoral supervisor: dr. Linda Drijvers
(Co-)Promotors: dr. Judith Holler & prof. dr. Peter Hagoort

We are looking for a full-time PhD candidate to join the newly-founded Minerva Fast Track Group 'The Communicative Brain', led by Linda Drijvers, at the Max Planck Institute for Psycholinguistics. The Communicative Brain group is embedded in the Neurobiology of Language department of the MPI for Psycholinguistics.

Job description

The PhD project will investigate the neurobiological basis of multimodal language comprehension and production in interactive, face-to-face communication. Specifically, you will investigate whether and how oscillatory neural activity plays a mechanistic role in integrating auditory and visual signals within and between conversational partners, and whether behavioural and neural synchronization are important for (successful) communication. These questions will be addressed by using new cutting-edge techniques, including dual-EEG, MEG, rapid invisible frequency tagging, and detailed behavioural analyses of auditory and visual signals in interactive contexts.

What we expect from you

- Candidates should have, or shortly expect to obtain, a high-quality (Research) Master's degree or equivalent in a relevant field (e.g. (cognitive) neuroscience, experimental psychology, cognitive science, linguistics, artificial intelligence, computer science).
- An interest in multimodal language processing; existing experience in this domain is an advantage
- Experience in carrying out empirical research (e.g., experimental design, recruitment, participant testing, quantitative data analysis, report writing)
- Experience in data analysis/programming in MATLAB and/or Python and/or R, programming with the experiment software Presentation/Psychtoolbox is an advantage.
- An interest in EEG or MEG is expected, and candidates with prior experience in EEG/MEG are particularly encouraged to apply.
- The ability to present ideas clearly, also to people from other disciplinary backgrounds; existing publications and conference/presentation experience is an advantage
- A very good command of written and spoken English is a must; native (or near native) knowledge of Dutch is an advantage. If the candidate has no knowledge of Dutch, the candidate should be willing to learn Dutch as soon as possible.

What we have to offer

The PhD position is fully funded for 4 years (starting gross salary is €2,569 per month). The institute provides fully equipped research facilities, technical support, as well as a conference and travel budget. PhD students participate in the International Max Planck Research School for Language Sciences, which involves core and individually chosen coursework to complement the PhD research and training in soft skills such as writing and presentation. You are entitled to 30 holiday days per year (on the basis of fulltime employment), as well as Dutch and German institute holidays.

Work environment / 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. Cross-departmental projects and interdisciplinary work are strongly encouraged.

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 Max Planck Society is an equal opportunities employer. Applications from under-represented minorities, women, and people with disabilities are particularly encouraged.

Application process

Applications should include:

1. One-page statement of why you are interested in this post, why you consider yourself a good match for the post, and what your research interests are
2. One-page summary of your MA/MSc dissertation
3. CV including publication list
4. Names and email addresses of up to three referees who would be willing to provide letters of recommendation

Electronic applications should be sent to Carolin Lorenz (carolin.lorenz@mpi.nl). For questions and informal enquiries, contact Dr. Linda Drijvers (linda.drijvers@mpi.nl)

The deadline for applications is **October 26, 2020** and Skype interviews will be held early November. The start date of this position is January 1st, 2021.

Moss Rehabilitation Research Institute (MRRI)

Postdoctoral Fellow Position

The Cognitive-Motor Learning Laboratory at the Moss Rehabilitation Research Institute (MRRI) located in Elkins Park, PA, has an anticipated opening for a Postdoctoral Fellow starting in early 2021. Under the direction of Aaron Wong, Ph.D., the laboratory investigates how people acquire skilled actions through interactions between the motor system and cognition. The Fellow will specifically focus on investigating how individuals imitate and use tools, and how the neurological disorder of apraxia following left-hemisphere stroke disrupts these abilities. Research will involve motion tracking in neurotypicals and individuals with stroke; kinematic analysis of the upper limb; and lesion-symptom mapping approaches to explore brain-behavior relationships. This project is a collaboration with Laurel Buxbaum, Psy.D. at MRRI, and John Krakauer, M.D. at Johns Hopkins University. More broadly, this work seeks to understand how people learn and plan complex, real-world behaviors, and the fellow will be encouraged to explore these larger themes in establishing an independent line of work. MRRI is internationally known for its research in neuroscience and neurorehabilitation (for more information, go to https://mrri.org/). MRRI maintains a strong postdoctoral training program; the Fellow will have the opportunity to participate in the formal NIH T32 training curriculum in translational neurorehabilitation. This is an approximately 3 year position, and offers competitive salary and benefits.

Applicants should hold a Ph.D., or anticipate a Ph.D. by Spring 2021, in Biomedical Engineering, Neuroscience, Psychology, Kinesiology, or a closely related discipline. Favorable consideration will be given to applicants with expertise or substantial interest in motor planning and cognition; prior experience working with clinical populations; skills in programming, data analysis, and statistics; and a strong record of research productivity.

We strongly encourage applications from individuals who identify as members of historically under-represented groups on the basis of racial or ethnic status, as representing diversity on the basis of sexual orientation, or as representing diversity on the basis of disability status. This may be indicated in the cover letter. We are an Equal Opportunity Employer and are committed to ensuring diversity, equity, and inclusion. We strive to select candidates representing different kinds of programs and theoretical orientations, geographic areas, ages, racial and ethnic backgrounds, sexual orientations, disabilities, and life experiences.

To apply, please email a cover letter, CV, and contact information for three references to Dr. Wong:

Dr. Aaron Wong
Moss Rehabilitation Research Institute
50 Township Line Rd.
Elkins Park, PA 19027
Email: wongaaro@einstein.edu

University of South Carolina

Postdoctoral Fellow

Postdoctoral Fellow: Cognitive Neuroscience of Semantics. A post-doctoral research position is available in the laboratory of Dr. Rutvik Desai at the University of South Carolina, Department of Psychology. The lab focuses on cognitive neuroscience of language, semantic memory, and embodiment of concepts using neuroimaging, brain stimulation, patient studies, lesion-symptom mapping, and computational modeling. Excellent facilities for fMRI, TMS, tDCS, and eye tracking are available. The Fellow will have an exciting opportunity to pursue collaborative and self-directed projects at the Institute for Mind and Brain (http://mindandbrain.sc.edu/).

Candidates with a PhD in any of the cognitive sciences (e.g., Psychology, Neuroscience, Computer Science) are welcome to apply. A research background in cognitive neuroscience/cognitive science, relevant to semantic or language processing, is required. Expertise with fMRI (including MVPA), or brain stimulation (TMS or tDCS) is required. Experience in one or more of lesion-

symptom mapping, behavioral testing or imaging of patient populations, EEG, connectionist modeling, or machine learning is also a positive, along with skills in programming and statistics (e.g., Python, Matlab, R). A promising publication record is a plus. Salary will be commensurate with experience. Applications should include a CV, brief statement of research experience and interests, and names of three referees (who will be asked for a reference letter if necessary; actual letters are not required initially). Starting date in Spring 2021 is desirable, but is flexible. Applications should be sent to rutvik@sc.edu and will be assessed as they arrive.

The University of South Carolina is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

San Diego State University

PhD Program

We are now accepting applications for our Ph.D. program. Admissions information (and deadlines) can be found on our website at http://slhs.sdsu.edu/phd/admissions/application/

The SDSU/UCSD Joint Doctoral Program in Language and Communicative Disorders (JDP-LCD) is designed to educate a new generation of scientists who are interested in applying state-of-the-art research skills to the study of language and communicative disorders. Our interdisciplinary program, the only program of its kind in California, provides training in normal (spoken and signed) language, language disorders, multilingualism, and in the neural bases of language learning, use, and loss. Our doctoral program ranked fourth on the Faculty Scholarly Productivity Index rankings compiled by Academic Analytics and released by The Chronicle of Higher Education in 2007. The National Research Council (NRC) ranked our doctoral program among the top ten in the nation in their most recent rankings. The majority of our graduates hold university faculty positions or research scientist positions in labs here in the US and abroad.

GOALS:

1. To provide doctoral training in the study of language and communicative behavior with an interdisciplinary focus that integrates state-of-the-art knowledge from the fields of communicative disorders, cognitive science, neurosciences, psychology and linguistics represented by the expertise of core faculty from SDSU and UCSD.
2. To prepare professionals, educated in the interface between behavioral and cognitive neuroscience methodologies, who will provide critical leadership in research and health services.
3. To prepare Ph.D.-level scientists in the field of language and communicative disorders to serve as faculty in university programs and scientists in a variety of settings to carry out much-needed research on the processes of language development, disorders, assessment and intervention.
4. To prepare researchers to carry out much-needed research in communicative behavior and disorders in bilingualism.

ASHA CLINICAL CERTIFICATION:
Although this is a research Ph.D. program, the School of Speech, Language, and Hearing Sciences at SDSU offers a separate clinical graduate program in Speech-Language Pathology. It may be possible to complete a CF or obtain academic and clinical training concurrently with doctoral studies. Access to clinical training is not automatic nor is it guaranteed.

RESOURCES AND SUPPORT:
Our program at SDSU resides in a clinical, research, and academic building with state-of-the-art Speech-Language and Audiology clinics, high-tech labs, and great instructional facilities. These resources, combined with the outstanding facilities at UCSD, provide doctoral students with the best possible training environment. Several different funding sources are used to support doctoral students including program scholarships, graduate assistantships, in-state and out-of-state fee support, and faculty grants. Some doctoral students receive funding from our NIH doctoral training grant (NIDCD T32 DC00731) "Neurocognitive Approaches to Communication Disorders (2017-2022). Contact Dr. Tracy Love for more information regarding this training grant.

Perdue University

PhD Program

The Department of Speech, Language, and Hearing Sciences (SLHS) at Purdue University invites applications for our Ph.D. program. The Purdue SLHS program is among the largest and highest-ranked of its kind and is home to leading research faculty, outstanding facilities and resources, and, *most importantly, a supportive training environment for our graduate scholars.*

Faculty engage graduate scholars in interdisciplinary research on normative and disordered processes in speech, language, voice, swallowing, and hearing. Doctoral students are fully funded through a variety of sources including, individual fellowships (at the university and national level), our NIH training grants, research assistantships, and teaching assistantships. Students receive individually-tailored training for academic careers, and our program has placed nearly all of its recent graduates in academic and postdoctoral positions following their degree.

Prospective applicants are encouraged to contact potential faculty mentor(s) directly. Visit this document for individual faculty who are recruiting this year. Application instructions can be accessed here. Applicants should apply by **December 1st** to ensure fullest consideration for funding.
We are committed to preparing the next generation of scientists that reflects the diversity of our national and global community. We welcome applicants from diverse and under-represented backgrounds, broadly construed.

The Pennsylvania State University

PhD Students

Faculty in the Cognitive Area of the Psychology Department at Penn State University are looking for highly motivated candidates for admission to the PhD program. Professors Roger Beaty, Michele Diaz, Elisabeth Karuza, Janet van Hell, and Daniel Weiss are now accepting graduate student applications for admission in Fall 2021. We employ a variety of behavioral and neuroimaging (EEG & fMRI) techniques to explore the psychology and neuroscience of creativity, including metaphor production and contributions of semantic memory to verbal creativity (Beaty); the neurobiology of language production and aging (Diaz); the cognitive neuroscience of learning (Karuza); bilingualism and language development (Van Hell); and the statistical learning mechanisms underlying language acquisition (Weiss). We are members of the Center for Language Science: a vibrant, interdisciplinary, and collaborative language community of language researchers with expertise in bilingualism, speech language pathology, psycholinguistics, and cognitive neuroscience. Penn State offers state of the art, proximally located, equipment and facilities, including a Siemens Prisma Fit 3.0T MRI system, EEG recording suites, fNIRS, tDCS, and eye-tracking equipment. The Penn State psychology department has an outstanding track record of research, with a strong commitment to graduate student mentoring and development. Students can also pursue Dual-Title Doctoral Degrees in Psychology and Language Science or Psychology and Social Behavioral Neuroscience, as well as a Specialization in Cognitive and Affective Neuroscience. Interested students are encouraged to contact us to discuss their research ideas and training goals.

Roger Beaty: rbeaty@psu.edu https://sites.google.com/view/beaty-cncl/
Michele Diaz: mtd143@psu.edu https://sites.psu.edu/mdiazlab/
Elisabeth Karuza: ekaruza@psu.edu https://karuzalab.la.psu.edu/
Janet van Hell: jgv3@psu.edu http://bild.la.psu.edu/
Daniel Weiss: djw21@psu.edu http://www.pennstatebabylab.com

Applications are due December 1, 2020
For more information about how to apply, please visit our website:
https://psych.la.psu.edu/graduate/prospective-students

Review of applications will begin immediately after the December 1st deadline. For more information about the cognitive area:
https://psych.la.psu.edu/graduate/program-areas/cognitive

University of Maryland, College Park

Postdoctoral Position

POST-DOCTORAL POSITION IN PSYCHOLINGUISTICS
Department of Hearing and Speech Sciences
Program in Neuroscience and Cognitive Science
University of Maryland, College Park, MD, USA

Dr. Jared Novick of the University of Maryland (UMD) and Dr. Albert Kim of the University of Colorado-Boulder (CU) are seeking to hire a post-doctoral researcher to work on a collaborative initiative funded by the National Science Foundation entitled, Direct Impacts of Executive Functions on Language Comprehension: Evidence from Eye Movements and Electrophysiology. The project combines EEG and eye-tracking methods to provide a multi-modal characterization of the neurocognitive processes that serve language comprehension, focusing on how attention and cognitive control contribute to adult sentence processing.

The post-doctoral researcher is expected to take a lead role in designing and conducting experimental work and to participate fully in the intellectual life of both labs across institutions. The position will be based at Maryland but theoretical and methodological training will be provided by both PIs through frequent joint discussions, UMD-CU lab meetings, and travel to Boulder. The researcher is also expected to contribute to the interdisciplinary group of language scientists at Maryland (https://languagescience.umd.edu/) including faculty, post-docs, and students in Hearing and Speech Sciences, Psychology, Linguistics, Computer Science and related disciplines, which forms a large and vibrant community. Both Maryland and Colorado house state-of-the-art facilities for conducting EEG and eye-tracking research, which will serve as a centerpiece to this position.

The start date is flexible, but no later than July 1, 2021. It is for an initial period of one year with potential extension for an additional two years. One does NOT have to be a U.S. Citizen to apply.

QUALIFICATIONS: A Ph.D. in Psychology, Linguistics, Cognitive Science, Communication Sciences and Disorders, or a related field is required. Research experience within language processing is expected but not required. Familiarity with eye-tracking and/or EEG methods is advantageous but not required.

TO APPLY: Please complete an online application at https://ejobs.umd.edu (job position #118716). Required materials include a CV, cover letter, two (2) samples of written work, and the names and email addresses of three (3) reference providers, who will upload letters directly into the system. For best consideration, submit your application by December 1, 2020. For questions, contact Jared Novick via email at jnovick1@umd.edu.

The University of Arizona

PhD Program

Several language faculty at the University of Arizona (https://psycholinguistics.sites.arizona.edu/) are soliciting applications for PhD students to begin in the fall of 2021.

A PhD position is available at the Cognitive Neuroscience of Language Laboratory (website: https://neurolang.lab.arizona.edu/) directed by Dr. Vicky Lai within the Department of Psychology. Our current research focuses are figurative language, emotional language, and the interface between the two, across the life span. We primarily use ERP and fMRI methods, though other techniques such as TMS (MR compatible), pupillometry, and machine learning are available through collaborations with other faculty in Psychology, Biomedical Engineering, and School of Information. Interested applicants should contact Dr. Vicky Lai at tzuyinlai@email.arizona.edu and apply here https://psychology.arizona.edu/academics/apply-graduate-program by December 1, 2020.

A PhD position is available in the Child Cognition Lab (https://www.childcognitionlab.arizona.edu) directed by Dr. Rebecca Gomez. Our current research focuses on infant and child language acquisition at the interface of language and cognitive processes. I am particularly interested in how language acquisition changes as children acquire knowledge of language and as memory abilities develop. Specific areas of interest are statistical learning and word learning. See our publications here https://psychology.arizona.edu/users/rebecca-gomez. Interested applicants should contact Dr.

Rebecca Gomez at rgomez@ arizona.edu and apply here https://psychology.arizona.edu/academics/apply-graduate-program by December 1, 2020.

A PhD position is available at the Language and Neuroimaging Research Laboratory directed by Dr. Aneta Kielar (website: http://akielar.faculty.arizona.edu/) within the Department of Speech Language and Hearing Sciences. The focus of the laboratory is neural basis of language and neurogenic language disorders. We conduct multidisciplinary research that spans several areas including cognitive neuroscience, linguistics and cognitive science. Successful candidates will have an opportunity to conduct research using high density EEG system, fMRI and rTMS. Interested applicants should contact Dr. Aneta Kielar at akielar@email.arizona.edu and apply here https://apply.grad.arizona.edu/users/login. More information about PhD Program can be found here: https://slhs.arizona.edu/students/phd-program. The application deadlines are February 1st, 2021 for the Fall semester and September 1st for the Spring Semester.

University of Florida

Professor/Associate Professor and Chair
Department of Speech, Language, and Hearing Sciences

The University of Florida is one of the top six public universities in the nation, with a demonstrated commitment to recruiting and retaining outstanding leaders and scholars in critical areas of health research, education, and service. As part of its pursuit of excellence, the UF College of Public Health and Health Professions (PHHP) is actively seeking a new chair of its Department of Speech, Language, and Hearing Sciences (SLHS). The department strives to improve the lives of people affected by communication and related disorders through excellence and innovation in clinical training, service, and research.

UF offers unparalleled, multidisciplinary collaborative opportunities for faculty and students across its nationally-recognized departments and academic programs. In addition to SLHS, PHHP comprises seven other departments - Biostatistics; Clinical and Health Psychology; Environmental and Global Health; Epidemiology; Health Services Research, Management and Policy; Occupational Therapy; and Physical Therapy- that offer two bachelor's, seven master's, eight PhD and three professional degree programs. The college is also home to five National Institutes of Health-funded training grants (T32's) in breathing research and therapeutics; movement disorders and neurorestoration; physical, cognitive and mental health; rehabilitation and neuromuscular plasticity; and substance abuse. The college's research funding has more than doubled during the last decade, and its faculty members are among the most productive at the university. The college is currently ranked ninth in NIH funding among public university public heath colleges and accrued $36 million in research awards for FY 2019-2020.

SLHS currently comprises 18 accomplished faculty members who are committed to teaching as well as scholarly research, which is conducted in conjunction with undergraduate, master's and doctoral students. The department offers four top-notch, accredited academic programs, including a Bachelor of Health Science program in Communication Sciences and Disorders and two professional graduate programs, one in speech-language pathology, and one in audiology. The department also contributes to the PhD program in Rehabilitation Sciences through a Communication and Swallowing Sciences concentration. The department has multiple well-outfitted laboratories engaged in multidisciplinary work on swallowing, speech, language, and hearing processes. These labs house state-of-the-art equipment for dynamic imaging of the vocal tract during swallowing, breathing, and speaking, auditory feedback manipulation, kinematic and acoustic analysis, and perceptual testing.

In appointing its next SLHS Chair, UF seeks a competent, integrous leader with a clear vision and steadfast commitment to diversity, equity, and inclusion. S/he will lead the department in spearheading innovative research synergies and foci across UF's major institutes and centers, such as the Hearing Research Center, the Norman Fixel Institute of Neurological Diseases, and the McKnight Brain Institute. The chair will strengthen the existing academic programs and create new programs or collaborations, designed to train the next generation of communication scientists and clinicians and expanding its portfolio of extramurally funded research. Additional responsibilities of the chair include mentoring and championing the faculty, advocating for diversity, and overseeing key departmental functions, such as finances, human resources, and governance structures. The Chair will work with the Dean and faculty to assure appropriate academic career development, such as the facilitation of tenure and promotion, and participate in the leadership and policy infrastructures of the college and university.

The Search Committee welcomes your applications or nominations for the next Chair of SLHS. Essential qualifications include a doctoral degree in speech-language pathology, audiology, or a closely related field, a proven track record of scholarly publications and grant funding, and demonstrated leadership in the field of Communication Sciences and Disorders. A successful candidate's credentials will be expected to support an academic rank of associate professor or professor. Desired qualifications include clinical practice experience and eligibility for Florida licensure, if appropriate to their degree. The review of applications will continue until a suitable applicant pool has been established. Applicants should submit a letter of interest, Curriculum Vitae, and contact information for three referees to http://apply.interfolio.com/79738. Job# 65511.

Conferences & Programs

5th Variation and Language Processing Conference (VALP5)

Conference August 25-27, 2021

The 5th Variation and Language Processing Conference (VALP5) will be held at University of Copenhagen (Denmark) from 25-27 August 2021, after successful previous conferences in the UK, New Zealand, the United States and Australia.

Plenary speakers are:
Associate Professor of Sociolinguistics **Kathryn Campbell-Kibler**Professor of Psycholinguistics **Marianne Gullberg**
Professor of Cognitive Neuroscience **Peter Hagoort**

The conference provides a venue for researchers coming from traditionally distinct fields, such as sociolinguistics, psycholinguistics, cognitive science, experimental phonetics, syntax and pragmatics, who work on the relationship between linguistic variation, in its widest sense, and language processing. A main theme of this year's conference will be the processing of linguistic and indexical variation by bi- and multilingual individuals, and we encourage submissions both within and beyond this theme.

Please visit the conference website for more information on how to attend the conference and how to submit an abstract: http://nors.ku.dk/english/calendar/2021/5th-variation-and-language-processing-conference/

SMILES (Sensorimotor Interaction, Language and Embodiment of Symbols)

Virtual Workshop: November 2-3, 2020

The SMILES (Sensorimotor Interaction, Language and Embodiment of Symbols) Workshop will take place virtually at the ICDL 2020, on 2nd & 3rd November 2020.

Workshop dates: 2nd & 3rd November 2020 afternoons (1 to 6 pm CET)

Workshop Short Description

On the one hand, models of sensorimotor interaction are embodied in the environment and in the interaction with other agents. On the other hand, recent Deep Learning development of Natural Language Processing (NLP) models allow to capture increasing language complexity (e.g. compositional representations, word embedding, long term dependencies). However, those NLP models are disembodied in the sense that they are learned from static datasets of text or speech. How can we bridge the gap from low-level sensorimotor interaction to high-level compositional symbolic communication? The SMILES workshop will address this issue through an interdisciplinary approach involving researchers from (but not limited to):

- Sensori-motor learning,
- Emergent communication in multi-agent systems,
- Chunking of perceptuo-motor gestures (gestures in a general sense: motor, vocal, ...),

- Sensori-motor learning,
- Symbol grounding and symbol emergence,
- Compositional representations for communication and action sequence,
- Hierarchical representations of temporal information,
- Language processing and acquisition in brains and machines,
- Models of animal communication,
- Understanding composition and temporal processing in neural network models, and
- Enaction, active perception, perception-action loop.

More Info

- workshop website: https://sites.google.com/view/smiles-workshop
- contact: smiles.conf@gmail.com
- organizers: Xavier Hinaut, Clement Moulin-Frier, Silvia Pagliarini, Joni Zhong, Loo CHU KIONG, Michael Spranger, Tadahiro Taniguchi
- ICDL conference website: https://cdstc.gitlab.io/icdl-2020/

Publications

Frontiers Research

Call for Submissions

We call for submissions for a Frontiers Research Topic **"Fuzzy Lexical Representations in the Nonnative Mental Lexicon"**.

Behavioral and neurolinguistic evidence supports the notion of fuzzy lexical representations in L2 lexical processing and learning. A fuzzy lexical representation is characterized by a large degree of uncertainty and ambiguity and has less distinct, vague boundaries that differentiate it from the neighboring representations. The fuzziness of lexical representations can manifest itself at the level of phonological or orthographic encoding, at the level of word meaning, or as loose, fuzzy form-meaning associations.

We invite contributions reporting behavioral and neurolinguistic studies that explore different aspects of fuzzy lexical representations, as they are engaged in lexical processing and vocabulary learning. With this Frontiers topic, we are hoping to gain a better understanding of when and under what circumstances fuzzy L2 lexical representations emerge, which forces constrain the efficient encoding of L2 lexical representations and contribute to their fuzziness, how they function in L2 processing, and how fuzziness decreases for more familiar L2 words.

Find more about the Research Topic here:
https://www.frontiersin.org/research-topics/15827/fuzzy-lexical-representations-in-the-nonnative-mental-lexicon

The **abstract submission** deadline is **November 30, 2020**. Please submit your abstract directly through the Topic website above.

Manuscripts for this open-access article collection can be submitted via both *Frontiers in Communication* and *Frontiers in Psychology*.

Organized by: Kira Gor (University of Maryland), Denisa Bordag (University of Leipzig), Anna Chrabaszcz (University of Pittsburgh), Svetlana Cook (University of Maryland), Andreas Opitz (University of Leipzig)

Special Issue *Brain and Language*

Open Call for Submissions

Experience-Based Individual Differences Associated with Multilingualism in the Mind and Brain
https://www.journals.elsevier.com/brain-and-language/call-for-papers/experience-based-individual-differences (see this link for full call for papers). Any questions? Email the guest editors.

In this special issue, we shift the question from whether multilingualism confers effects to the mind/brain to what the conditions and experiences of multilingualism are that advance our understanding of diverse language experience, cognition and the brain. Narrowing the search space in this regard accomplishes several objectives. Firstly, framing the question in this way forces us to engage with the reality that bilingualism is not a categorical variable, but rather a continuous one along multi-dimensional spectra. Secondly, identifying variation in diverse language experience that correlates with brain functions, structures and language processing will enrich the current understanding of how language is represented in the mind and brain. Thus, as a collection contributing to the study of language science, we will move to better understand multilingualism as an experience-dependent mechanism that potentially underlies neuroplasticity in different developmental stages.

In line with the above, this special issue of *Brain and Language* commits to compiling a set of papers where multilingualism is presented as a set of dynamic experiences. The special issue will be comprised of studies that collect detailed information regarding the complexities and temporality of individuals' multilingual experiences as part of its empirical operational definition. The studies will model this complexity to tease out dimensions of multilingual experience (e.g. age of acquisition, type of bilingualism, patterns of exposure and use over the lifespan, current patterns of use across an array of daily contexts (at home, at work, in social settings, etc.) that correlate with (degrees of) language processing, domain-general cognition, and variation in brain functions and structures. In addition to addressing the role that bi-/multilingual experiences could have on shaping language processing, cognition, and brain outcomes, we emphasize and encourage submissions with the following key aspects to studies:

- Bilinguals or multilingual speakers as participants, including bimodal-bilingualism, bi-dialectialism, clinical populations/clinical studies
- fMRI, DTI, EEG, fNIRS and/or eye-tracking methods
- Different developmental stages across the lifespan
- Focus on interactional contexts of multilingualism from different social and/or cultural contexts as well as longitudinal studies examining second language acquisition

Proposed schedule for the special issue, which we hope will allow for publication of the special issue in the latter part of 2021:

Submission Portal Opens: Nov. 15th, 2020
Submission Portal Closes: Jan. 20th 2021
Reviews Returned to Authors by: March 20th 2021
Revisions Due Back by: May 15th 2021
Final Acceptances (or Rejections) by: July 15th 2021

Please select the article type name "VSI: Multilingualism & brain" while submitting your article for this special issue.